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## **OCTOBER 7, 1992**

**OLYMPIA, WASHINGTON** 

**ISSUE 92-19** 



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(Subject/Agency index at back of issue) This issue contains documents officially filed not later than September 23, 1992

### **CITATION**

Cite all material in the Washington State Register by its issue number and sequence within that issue, preceded by the acronym WSR. Example: the 37th item in the August 5, 1981, Register would be cited as WSR 81-15-037.

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### **CERTIFICATE**

Pursuant to RCW 34.08.040, the publication of rules or other information in this issue of the Washington State Register is hereby certified to be a true and correct copy of such rules or other information, except that headings of public meeting notices have been edited for uniformity of style.

DENNIS W. COOPER Code Reviser

### STATE MAXIMUM INTEREST RATE

(Computed and filed by the State Treasurer under RCW 19.52.025)

The maximum allowable interest rate applicable for the month of October 1992 pursuant to RCW 19.52.020 is twelve point zero percent (12.00%).

NOTICE: FEDERAL LAW PERMITS FEDERALLY INSURED FINANCIAL INSTITUTIONS IN THE STATE TO CHARGE THE HIGHEST RATE OF INTEREST THAT MAY BE CHARGED BY ANY FINANCIAL INSTITUTION IN THE STATE. THE MAXIMUM ALLOWABLE RATE OF INTEREST SET FORTH ABOVE MAY NOT APPLY TO A PARTICULAR TRANSACTION.

# WASHINGTON STATE REGISTER

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Editor

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Chief Assistant Code Reviser

# STYLE AND FORMAT OF THE WASHINGTON STATE REGISTER

### 1. ARRANGEMENT OF THE REGISTER

The Register is arranged in the following six sections:

- (a) **PROPOSED**-includes the full text of preproposal comments, original proposals, continuances, supplemental notices, and withdrawals.
- (b) **PERMANENT**-includes the full text of permanently adopted rules.
- (c) EMERGENCY-includes the full text of emergency rules and rescissions.
- (d) MISCELLANEOUS-includes notice of public meetings of state agencies, rules coordinator notifications, summaries of attorney general opinions, executive orders and emergency declarations of the governor, rules of the state Supreme Court, and other miscellaneous documents filed with the code reviser's office under RCW 34.08.020 and 42.30.075.
- (e) TABLE-includes a cumulative table of the WAC sections that are affected in the current year.
- (f) INDEX-includes a combined subject matter and agency index.

Documents are arranged within each section of the Register according to the order in which they are filed in the code reviser's office during the pertinent filing period. The three part number in the heading distinctively identifies each document, and the last part of the number indicates the filing sequence with a section's material.

### 2. PRINTING STYLE--INDICATION OF NEW OF DELETED MATERIAL

RCW 34.05.395 requires the use of certain marks to indicate amendments to existing agency rules. This style quickly and graphically portrays the current changes to existing rules as follows:

- (a) In amendatory sections--
  - (i) <u>underlined material</u> is new material;
  - (ii) deleted material is ((lined out between double parentheses));
- (b) Complete new sections are prefaced by the heading NEW SECTION;
- (c) The repeal of an entire section is shown by listing its WAC section number and caption under the heading <u>REPEALER</u>.

# 3. MISCELLANEOUS MATERIAL NOT FILED UNDER THE ADMINISTRATIVE PROCEDURE ACT

Material contained in the Register other than rule-making actions taken under the APA (chapter 34.05 RCW) does not necessarily conform to the style and format conventions described above. The headings of these other types of material have been edited for uniformity of style; otherwise the items are shown as nearly as possible in the form submitted to the code reviser's office.

### 4. EFFECTIVE DATE OF RULES

- (a) Permanently adopted agency rules normally take effect thirty-one days after the rules and the agency order adopting them are filed with the code reviser's office. This effective date may be delayed or advanced and such an effective date will be noted in the promulgation statement preceding the text of the rule.
- (b) Emergency rules take effect upon filing with the code reviser's office unless a later date is provided by the agency. They remain effective for a maximum of one hundred twenty days from the date of filing.
- (c) Rules of the state Supreme Court generally contain an effective date clause in the order adopting the rules.

### 5. EDITORIAL CORRECTIONS

Material inserted by the code reviser's office for purposes of clarification or correction or to show the source or history of a document is enclosed in [brackets].

1992 - 1993 DATES FOR REGISTER CLOSING, DISTRIBUTION, AND FIRST AGENCY ACTION

Issue No.	Closing Dates 1			Distribution  Date	First Agency Hearing Date <sup>3</sup>	
	Non-OTS &	Non-OTS &	$OTS^2$ or			
	30 p. or more	11 to 29 p.	10 p. max.			
_			Non-OTS			
For				Count 20	For hearing	
Inclusion in	· · · · · · · · · · · · · · · · · · ·	ile no later than	<del></del>	days from	on or after	
92-16	Jul 8	Jul 22	Aug 5	Aug 19	Sep 8	
92-17	Jul 22	Aug 5	Aug 19	Sep 2	Sep 22	
92-18	Aug 5	Aug 19	Sep 2	Sep 16	Oct 6	
92-19	Aug 26	Sep 9	Sep 23	Oct 7	Oct 27	
92-20	Sep 9	Sep 23	Oct 7	Oct 21	Nov 10	
92-21	Sep 23	Oct 7	Oct 21	Nov 4	Nov 24	
92-22	Oct 7	Oct 21	Nov 4	Nov 18	Dec 8	
92-23	Oct 21	Nov 4	Nov 18	Dec 2	Dec 22	
92-24	Nov 4	Nov 18	Dec 2	Dec 16	Jan 5, 1993	
93-01	Nov 25	Dec 9	Dec 23, 1992	Jan 6, 1993	Jan 26	
93-02	Dec 9	Dec 23, 1992	Jan 6, 1993	Jan 20	Feb 9	
93-03	Dec 23, 1992	Jan 6, 1993	Jan 20	Feb 3	Feb 23	
93-04	Jan 6	Jan 20	Feb 3	Feb 17	Mar 9	
93-05	Jan 20	Feb 3	Feb 17	Mar 3	Mar 23	
93-06	Feb 3	Feb 17	Mar 3	Mar 17	Apr 6	
93-07	Feb 24	Mar 10	Mar 24	Apr 7	Apr 27	
93-08	Mar 10	Mar 24	Apr 7	Apr 21	May 11	
93-09	Mar 24	Apr 7	Apr 21	May 5	May 25	
93-10	Apr 7	Apr 21	May 5	May 19	Jun 8	
93-11	Apr 21	May 5	May 19	Jun 2	Jun 22	
93-12	May 5	May 19	Jun 2	Jun 16	Jul 6	
93-13	May 26	Jun 9	Jun 23	Jul 7	Jul 27	
93-14	Jun 9	Jun 23	Jul 7	Jul 21	Aug 10	
93-15	Jun 23	Jul 7	Jul 21	Aug 4	Aug 24	
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93-18	Aug 4	Aug 18	Sep 1	Sep 15	Oct 5	
93-19	Aug 25	Sep 8	Sep 22	Oct 6	Oct 26	
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93-21	Sep 22	Oct 6	Oct 20	Nov 3	Nov 23	
93-22	Oct 6	Oct 20	Nov 3	Nov 17	Dec 7	
93-23	Oct 20	Nov 3	Nov 17	Dec 1	Dec 21	
93-24	Nov 3	Nov 17	Dec 1	Dec 15	Jan 4, 1994	

TAll documents are due at the code reviser's office by 12:00 noon on or before the applicable closing date for inclusion in a particular issue of the Register; see WAC 1-21-040.

<sup>&</sup>lt;sup>2</sup>A filing of any length will be accepted on the closing dates of this column if it has been prepared and completed by the order typing service (OTS) of the code reviser's office; see WAC 1-21-040. Agency-typed material is subject to a ten page limit for these dates; longer agency-typed material is subject to the earlier non-OTS dates.

<sup>&</sup>lt;sup>3</sup>At least twenty days before the rule-making hearing, the agency shall cause notice of the hearing to be published in the Register; see RCW 34.05.320(1). These dates represent the twentieth day after the distribution date of the applicable Register.

# WSR 92-19-006 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 3, 1992, 11:52 a.m.]

Original Notice.

Title of Rule: WAC 388-86-120 Medical care services. Purpose: Effective October 1, 1992, deletes hospital inpatient and outpatient care from the medical care services program coverage. Clarifies coverage under the medical care services program. These amendments allow hospitals to receive federal disproportionate share funding for these services to low-income clients.

Statutory Authority for Adoption: RCW 74.08.090.

Statute Being Implemented: RCW 74.08.090.

Summary: Deletes inpatient and outpatient hospital services from coverage under the medical care services program. Clarifies services covered under the medical care services program.

Reasons Supporting Proposal: Effective October 1, 1992, hospital inpatient and hospital outpatient services are no longer covered services under the medical care services program.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Bobbe Andersen, Medical Assistance Administration, 753-0529.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

September 3, 1992 Leslie F. James, Director Administrative Services

AMENDATORY SECTION (Amending Order 2580, filed 12/31/87)

WAC 388-86-120 Medical care services. (1) A ((recipient of)) medical care services client shall be eligible to receive the same scope of care (WAC 388-86-005) as ((a recipient of)) available under Medicaid, except that the department shall not pay for the following services:

(a) ((No)) Care ((shall be provided)) outside the state of Washington other than in designated bordering cities as specified in chapter 388-82 WAC((, and));

(b) ((Mental health services shall be provided only in community mental health centers and to the extent that the

recipient meets the client definitions and priorities established in the Community Mental Health Act, and)) Case management services;

- (c) Dental services ((shall not be provided));
- (d) Hospice services;
- (e) Hospital inpatient and hospital outpatient services;
- (f) Indian health center services; and
- (g) Personal care services.
- (2) The department shall only provide mental health services in community mental health centers and to the extent that the client meets the client definitions and priorities in the Community Mental Health Act.
- (3) Eligibility for medical care services shall ((eommence)) begin with the ((date of)) certification date under WAC 388-84-120. The department shall not retroactively certify for medical care services.

# WSR 92-19-007 PREPROPOSAL COMMENTS DEPARTMENT OF LICENSING

[Filed September 3, 1992, 1:05 p.m.]

Subject of Possible Rule Making: Fees for uniform commercial code services, WAC 308-400-095.

Persons may comment on this subject by telephone, (206) 753-2523; by FAX, (206) 586-1596; or in writing, Department of Licensing, Uniform Commercial Code Program, P.O. Box 9660, Olympia, WA 98507-9660, prior to 5:00 p.m., on October 26, 1992.

August 31, 1992 T. W. Washington, Jr. Assistant Director

### WSR 92-19-013 PROPOSED RULES GAMBLING COMMISSION

[Filed September 3, 1992, 3:50 p.m.]

Original Notice.

Title of Rule: WAC 230-04-020 Certification procedure—General requirements—Mandatory training required; WAC 230-04-220 Prorating and refunding of fees; and WAC 230-46-070 Punchboards/pull tabs and pull tab dispensing devices not to be used in promotional contests—Exception.

Purpose: To place policy into rule.

Statutory Authority for Adoption: RCW 9.46.070.

Statute Being Implemented: RCW 9.46.070.

Reasons Supporting Proposal: WAC 230-04-020 and 230-04-220 will implement existing policies into rule; and WAC 230-46-070 is being amended to eliminate the requirement to submit prototype equipment on promotional contests of chance

Name of Agency Personnel Responsible for Drafting: Sharon M. Tolton, Rules Coordinator, Lacey, 438-7685; Implementation: Frank L. Miller, Director, Lacey, 438-7640; and Enforcement: Neal S. Nunamaker, Deputy Director, Lacey, 438-7690.

Name of Proponent: Washington State Gambling Commission, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: See Reason Supporting Proposal above.

Proposal Changes the Following Existing Rules: [No information supplied by agency.]

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: Westwater Inn, 2300 Evergreen Park Drive S.W., Olympia, WA 98502, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Sharon M. Tolton, Washington State Gambling Commission, 4511 Woodview Drive, Lacey, WA 98503, by October 23, 1992.

Date of Intended Adoption: October 27, 1992.

September 3, 1993 [1992] Sharon M. Tolton Rules Coordinator

AMENDATORY SECTION (Amending Order 203, filed 1/18/90, effective 2/18/90)

WAC 230-04-020 Certification procedure—General requirements—Mandatory training required. Applicants for license from the commission shall submit all applications, including the proper fee, as established by WAC 230-04-201, to the administrative office of the commission in Lacey. The application process is as follows:

- (1) The application shall be made using a form provided by the commission. The application form must be completed in every respect, containing all the information and attachments requested;
- (2) The application shall be signed under oath by an individual attesting that the information set forth in the application and any accompanying materials is true, accurate and complete and that they assume full responsibility for the fair and lawful operation of all licensed activities that the applicant conducts. The following person(s) shall sign the application:
- (a) The highest ranking officer/official of a charitable, nonprofit or profit seeking corporation;
  - (b) The principal owner of a sole proprietorship;
- (c) All partners of a partnership or general partner of a limited partnership; and
- (d) The mayor or the mayor's designated representative if the application is being submitted by or on behalf of an incorporated city or town.
- (e) The director may also require the following persons to sign the application:
  - (i) The chairman of the board of directors or trustees;
  - (ii) The person in charge of financial records; and/or
- (iii) Persons with a substantial interest in the applicant business or charitable/nonprofit organization.
- (3) The commission will consider only those applications ((submitted on the proper form and which all the applicable portions of the form are)) that have been fully completed. Failure to respond to written notification of an incomplete application((, including submission of proper fees)), within twenty days of such notice, shall be cause for

- administrative closure of the application. The following reasons will cause an application to be incomplete:
- (a) Failure to provide all information requested on the application form and/or attachments;
- (b) Failure to provide supplemental information requested during the licensing investigation;
  - (c) Failure to attend mandatory prelicensing training;
- (d) Failure to provide fingerprints or samples of handwriting; and
  - (e) Failure to submit proper fees.
- (4) The commission may disclose to the public or discuss at a public meeting all information set forth in the application and all supplemental information submitted, except statements regarding arrests or convictions of any person.
- (5) The commission shall not issue a license until it is satisfied that the applicant is completely qualified to operate the activity for which a license is requested. Prior to issuing a license, the commission will:
- (a) Conduct a review and investigation of all information available, whether submitted as a part of the application or otherwise obtained, to the degree deemed necessary to attest to the qualification of the applicant and the gambling premises;
- (b) Require all persons who sign the application, as set out in subsection (2) ((above)) of this section, plus the manager or other designated person(s) responsible for conducting the gambling activity or completing records, to complete a training course as established and provided by the commission: *Provided*, That mandatory training shall not be required for manufacturers; manufacturers representatives; or applicants or licensees with special circumstances as approved by the director. Mandatory training shall be completed within the following time lines:
- (i) New applicants Within ((60)) sixty days of application and prior to being granted a license: *Provided*, That cardroom employees and bingo managers must attend training no later than ((30)) thirty days after the first day of work.
- (ii) Annual recertification No later than ((60)) <u>sixty</u> days after the effective date of the license: *Provided*, That only those person(s), as set out in subsection (2) ((abeve)) of <u>this section</u>, which are newly designated to sign the application since the last license application shall be required to attend training if they have not attended within the previous three (((3))) years; and
- (iii) Changes to managers or other designated persons responsible for conducting gambling activities or completing records No later than ((60)) sixty days after the first day of work.

AMENDATORY SECTION (Amending Order 51, filed 4/30/76)

WAC 230-04-220 Prorating and refunding of fees((—Discontinuance of business)). (1) Unless otherwise provided by law, there will be no prorating or refunding of any license fee subsequent to issuance of a license for the following actions:

- (a) Discontinuation of business;
- (b) Voluntary surrender of a license or permit; and

Proposed [2]

- (c) When a license or permit has been suspended, revoked, or otherwise cancelled.
- (2) Upon denial ((ef)), voluntary withdrawal or administrative closure of an application for license, adoption or change of trade name, or change of location, the commission shall retain that portion of the fee tendered therewith as is necessary to offset its costs of processing and investigating the propriety of issuance of the license.

AMENDATORY SECTION (Amending Order 182, filed 8/16/88)

WAC 230-46-070 Punchboards/pull tabs and pull tab dispensing devices not to be used in promotional contests—Exception. (1) Punchboards/pull tabs and pull tab dispensing devices may not be used as a part of any promotional contest of chance as authorized in RCW 9.46.0355. This prohibition shall not apply to promotional game cards which could otherwise qualify as pull tabs when such game cards meet the following standards:

- (a) The promotional game cards are readily distinguishable from any specific pull tab series or pull tab type used within the state of Washington;
- (b) The promotional game cards are designed and manufactured for a specific and unique promotional contest of chance;
- (c) The promotional game cards clearly display the name of the sponsoring business or the name of the product(s) being promoted;
- (d) The promotional game cards do not or have never contained a price per play on the card; and
- (e) The official rules of play including the language "no purchase necessary" are printed on the back of each promotional game card((; and
- (f) A game card or prototype thereof, must be submitted to the commission for review prior to being utilized in this state)).
- (2) Promotional game cards, punchboards/pull tabs or dispensing devices found to be in violation of this prohibition shall be subject to immediate seizure pursuant to RCW 9.46.230.

# WSR 92-19-014 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 4, 1992, 11:37 a.m.]

Original Notice.

Title of Rule: WAC 388-86-022 School medical services for special education students.

Purpose: Adds persons meeting Medicaid criteria for medically needy as eligible for school-based district medical services. Adds that the department shall pay for school-based district medical services provided as part of the individualized family service plan (IFSP). Adds limitation on when the school district would be reimbursed for such school-based medical services.

Statutory Authority for Adoption: RCW 74.08.090. Statute Being Implemented: RCW 74.08.090.

Summary: Adds persons who meet the Medicaid criteria for medically needy as eligible for school-based district medical services as described under this WAC.

Reasons Supporting Proposal: To enhance school-based district medical services.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Bobbe Andersen, Medical Assistance Administration, 753-0529.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

September 4, 1992 Leslie F. James, Director Administrative Services

<u>AMENDATORY SECTION</u> (Amending Orders 3053 and 3053A, filed 8/21/90 and 8/27/90, effective 9/21/90 and 9/1/90.)

WAC 388-86-022 School medical services ((by school districts)) for special education students. (1) The department shall pay school districts for medical services to an eligible Categorically Needy or Medically Needy child when a school district furnishes the medical services to a special education student as part of the child's individualized education program (IEP) or individualized family service plan (IFSP).

- (2) <u>Such school district medical services shall be</u> provided by:
- (a) Qualified Medicaid providers as described under WAC 388-87-007 ((shall provide such school district medical services)); and
- (b) Psychologists, licensed by the state of Washington or granted an educational staff associate certificate (ESA) by the state board of education.
- (3) The department shall only pay for the following services when the service is recommended or referred by the specialty level that treats the condition:
- (a) A psychologist shall recommend psychological evaluation services; and
- (b) A speech pathologist or audiologist who has been granted a certificate of clinical competence by the American Speech, Language and Hearing Association or who has completed the equivalent educational and work experience necessary for such a certificate shall recommend speech therapy services.

- (4) Occupational and/or physical therapy shall require a referral from a physician or podiatrist.
- (5) The department shall require recommendations and referrals to be updated at least annually.
- (6) The department shall pay for such services according to the department-established rate or the billed amount, whichever is lower.
- (7) The department shall not pay individual school practitioners who provide school-based medical services.
- (8) For medical services billed to Medicaid, the department shall require school districts to pursue third-party resources.

# WSR 92-19-016 PROPOSED RULES DEPARTMENT OF ECOLOGY

[Order 92-42—Filed September 4, 1992, 1:45 p.m.]

Original Notice.

Title of Rule: WAC 173-491-050 Compliance schedules.

Purpose: To ensure the return of displaced gasoline vapors from the vehicle fuel tank to the underground storage tank during refueling.

Statutory Authority for Adoption: RCW 70.94.331.

Statute Being Implemented: Chapter 70.94 RCW.

Summary: Establishes a revised compliance schedule for the implementation of stage II vapor recovery.

Reasons Supporting Proposal: Reduce public health risk from exposure to gasoline vapors which contribute to ozone formation.

Name of Agency Personnel Responsible for Drafting: Dan Johnson, P.O. Box 47600, Olympia, WA 98504-7600, (206) 493-2685; Implementation and Enforcement: Joe Williams, P.O. Box 47600, Olympia, WA 98504-7600, (206) 459-6255.

Name of Proponent: Department of Ecology, Dan Johnson, Air Quality Program, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The purpose of this rule is to establish reasonably attainable standards for the control of gasoline vapors that will achieve a substantial reduction in these emissions in a timely manner.

Proposal Changes the Following Existing Rules: The changes will address gasoline dispensing facilities in King, Pierce, Snohomish, and Clark counties with annual throughputs between 840,000 and 1.2 million gallons.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Small Business Economic Impact Statement

Rule Summary: This amendment to chapter 173-491 WAC modifies the compliance deadlines in WAC 173-491-050(5). It affects gasoline stations required to reduce vapors under WAC 173-491-040(5). Gas stations in King, Pierce, Snohomish, and Clark counties that have sell between

840,000 and 1,200,000 gallons of gasoline per year will have to comply at an earlier date than under the current rule.

Regulatory Fairness Act Requirements: The Regulatory Fairness Act, chapter 19.85 RCW, requires review and mitigation of rules which have an economic impact on more than 20 percent of the businesses of all industries or more than 10 percent of the businesses in any one industry (as defined by any three digit SIC code). Mitigation should minimize the impact on small businesses. Revisions to chapter 173-49 WAC meet these criteria and require a small business economic impact statement (SBEIS).

Summary of Findings and Mitigation Efforts: Amendments to chapter 173-491 WAC affect primarily the SIC Code 554, Gasoline Service Stations, in King, Pierce, Snohomish, and Clark counties. Of these it will only affect those with annual throughput between 840,000 and 1,200,000 gallons. It is difficult to estimate what percentage of these stations are owned by companies with over 10 stations. Approximately 10% to 15% of the gas stations in area have throughput in this range. At least 15% of the gasoline supply is provided by stations with throughput in this range. The evidence for the 10%, 15% and 20% figures is limited. Most large companies affected by this rule change to have stations within this throughput range. It is therefore likely that more than 10% of the businesses in the SIC code are affected and an SBEIS is required.

It is difficult for a company with 10 gas stations to fit the criteria for a small business because such a business is unlikely to run with 50 or fewer employees. Ecology has identified one affected company that fits this definition. Further, most gas stations that do not belong to the "majors," (ARCO, BP, Chevron, Exxon, Mobil, Shell, Texaco, UNOCAL) company that fits this definition. Further, most gas stations that do not belong to the "majors," (ARCO, BP, Chevron, Exxon, Mobil, Shell, Texaco, UNOCAL) for which ecology has data do not have throughput in the affected range. A comparison of costs for small and large stations (Cost ratios are based on costs for a small six nozzle station and a large ten nozzle station. Losses are projected based on the value of interest and operations and maintenance costs that would accrue for a station complying four years earlier. Interest on capital is set at 8% after taxes. The gasoline is estimated to sell at \$1.10 per gallon. The gallonage for the small and large affected stations is assumed to be 840,000 and 1,200,000 respectively.) shows that the impact of the amendment is not disproportionately larger for the small stations in the affected range of stations.

The time frame has been staggered to provide mitigation in the original rule. Large gas stations had early compliance times and small stations were given the maximum time available. This amendment is a refinement of that staggered time line in that it adds medium sized stations with an earlier compliance schedule than the small stations and a later compliance schedule than the larger stations. The amendment also makes a clearer distinction between the nonattainment areas and other Washington counties.

The cost of compliance with the rule will remain the same. However, interest paid on capital and maintenance for the 3 or 4 year period is a cost to the company. Further companies unable to comply because of difficulties raising capital may choose to close or sell their stations.

Proposed [4]

Current and Proposed Deadlines for Gas Stations

	Small Station	Large Station
Capital	\$4,980	\$12,195
0 & M	822	2,713
Value of Interest		
and 0 & N by 1998	1 \$5,795	\$17,599
wy masu	937133	411,393
Ratio of		
Cost per \$100 of	.006	.013

	Annual Throughput > 1,200,000 gallons 40% of Stations	Annual Throughput > 840,000 and < 1,200,000 gallons 15% of stations	Annual Throughput > 600,000 and < 840,000 45% of stations
Businesses owning 10 or more Stations statewide	SAME 50% by May 1, 1993, remaining 50% by May 1, 1994	SAMR December 31, 1998	SAME Rule not applicable
Businesses owning 10 or more stations in King, Pierce, Snohomish, or Clark	SAME 50% by May 1, 1993, remaining 50% by May 1, 1994	Now - December 31, 1998 NEW - 50% by May 1, 1994, 50% by May 1, 1995	SAME December 31, 1998
Businesses owning fewer than 10 stations statewide.	SAME May 1, 1994	SAME December 31, 1998	SAME Rule not applicable except in King Pierce, Snohomiah, and Clark.

Mitigation: Mitigation has been reviewed and included despite the fact that there are no disproportionate impacts as measured under the law. Ecology has done this based largely on concerns expressed by businesses owning gas stations in the affected range. It is possible that smaller companies within this sector, that is characterized by large companies, will have a more limited access to capital. Despite the ratios smaller companies may have greater difficulty with the cost of compliance.

This rule allows companies to bring half of the affected gas stations into compliance by May of 1994 and half by May of 1995. The compliance schedule in the rule is staggered to account for the air conditions of the county in which the station is located and the throughput of the station. The compliance dates are later than the dates for stations with throughput over 1,200,000 and earlier than the stations characterized by small throughput. Throughput of a gas station is a reasonable proxy for the size of employment in most cases. Ecology has also used the amendment process to clarify which compliance requirements fit a company. Performance standards would include monitoring and would be likely to be higher than the cost of this rule. It is not possible to exempt small businesses.

Hearing Location: Department of Ecology, NWRO, 3190 160th Avenue S.E., Bellevue, WA 98008-5452, on October 28, 1992, at 1-3 p.m.

Submit Written Comments to: Dan Johnson, Department of Ecology, P.O. Box 47600, Olympia, WA 98504-7600, by November 14, 1992.

Date of Intended Adoption: January 19, 1993.

September 2, 1992 Fred Olson Deputy Director

AMENDATORY SECTION (Amending Order 90-63 filed 7/2/91, effective 8/2/91)

WAC 173-491-050 Compliance schedules. (1) Fixed-roof gasoline storage tanks. All fixed roof gasoline storage tanks subject to WAC 173-491-040(1) shall comply no later than December 31, 1993.

- (2) Gasoline loading terminals. All gasoline loading terminals subject to WAC 173-491-040(2) shall comply no later than December 31, 1993.
- (3) Bulk gasoline plants. All bulk gasoline plants subject to the requirements of WAC 173-491-040(3) shall comply no later than December 31, 1993.
- (4) Gasoline dispensing facilities Stage I. All gasoline dispensing facilities subject to the requirements of WAC 173-491-040(4) shall comply no later than December 31, 1993, or whenever the facility is upgraded.
- (5) Gasoline dispensing facilities Stage II. All gasoline dispensing facilities subject to the requirements of WAC 173-491-040(5) shall comply:

[5] Proposed

- Washington State Register, Issue 92-19
- (a) When upgraded except any gasoline dispensing facility upgraded or with new tank(s) installed after the effective date of this regulation but before May 1, 1992, need not comply earlier than May 1, 1992.
- (b) For businesses which own ten or more gasoline dispensing facilities in the state of Washington, facilities subject to Stage II requirements as indicated in WAC 173-491-040 (5)(a) must comply according to the following schedule:
- (i) ((At least)) Fifty percent of ((the)) all gasoline dispensing facilities with an annual throughput greater than 1.2 million gallons ((owned by a business which owns ten or more gasoline-dispensing facilities in the state of Washington must comply not later than)) by May 1, 1993. ((In meeting this requirement, businesses that lease some facilities and operate others must ensure that the percentage of facilities owned and operated which are required to comply with this provision at least equals the percentage of leased facilities required to comply with this provision.))
- (ii) All remaining gasoline dispensing facilities with an annual throughput greater than 1.2 million gallons ((not previously required to comply)) must comply ((not later than)) by May 1, 1994.
- (iii) ((All gasoline-dispensing facilities with an annual throughput greater than six-hundred thousand gallons not previously required to comply must comply not later than)) Businesses which own ten or more gasoline dispensing facilities in King, Pierce, Snohomish, and Clark counties must, in addition, meet the following requirements at their facilities within King, Pierce, Snohomish, and Clark
- (A) At least fifty percent of the gasoline dispensing facilities with an annual throughput greater than 840,000 gallons must comply by May 1, 1994;
- (B) The remaining gasoline dispensing facilities with an annual throughput greater than 840,000 gallons must comply by May 1, 1995.
- (iv) All gasoline dispensing facilities must be in compliance not later than December 31, 1998.
- (v) In meeting this requirement, businesses that lease some facilities and operate others must ensure that the percentage of facilities owned and operated which are required to comply with this provision at least equals the percentage of leased facilities required to comply with this provision.
- (c) For businesses which own fewer than ten gasoline dispensing facilities in the state of Washington:
- (i) All facilities with an annual throughput of 1.2 million gallons must comply by May 1, 1994;
- (ii) All remaining facilities must comply by December 31, 1998.

### WSR 92-19-025 PROPOSED RULES DEPARTMENT OF TRANSPORTATION

[Filed September 8, 1992, 8:36 a.m.]

Original Notice.

Title of Rule: Amendments to chapter 468-38 WAC.

Purpose: To bring permit practice of the Washington State Department of Transportation into line with more efficient regulatory practices.

Statutory Authority for Adoption: RCW 46.44.090. Statute Being Implemented: RCW 46.44.090.

Summary: Amend section on sign requirements; authorizing movement of heavy loads when they can maintain traffic flow; defining commuter hour moves; and removing restrictions on night movements for overnight loads.

Reasons Supporting Proposal: In the overall traffic mix, the intention is to allow more oversize and overweight moves during off hours to lessen the congestion of daytime travel.

Name of Agency Personnel Responsible for Drafting: Barry Diseth, Motor Carrier Services, Department of Transportation, 439-6426; Implementation: Jim Buss, Operations, Department of Transportation, 753-6014; and Enforcement: Captain Richard Randolph, Washington State Patrol Commercial Vehicle Section, 753-6554.

Name of Proponent: Washington State Department of Transportation staff, Motor Carrier Services, public.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The changes govern the procedures by which heavy or oversized trucks are allowed to move consistent with the regular traffic flow. The WAC on signs (WAC 468-38-190) corrects verbage that was passed last year. Two of the WACs open up the commuter hours and night time hours to movement of heavy loads that do not impact traffic flow. The last change is to keep the terminology on highway chains, traction tires consistent with actual practice.

Proposal Changes the Following Existing Rules: Allows movement during commuter hours and at night time by loads that are heavy but do not effect the overall traffic flow.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: Transportation Building, Commission Board Room 1D2, Olympia, Washington 98504, on October 29, 1992, at 10:00 a.m.

Submit Written Comments to: Barry Diseth, Motor Carrier Services Administrator, Department of Transportation, Olympia, Washington 98504, by October 23, 1992.

Date of Intended Adoption: October 29, 1992.

September 4, 1992 Ed W. Ferguson Deputy Secretary

AMENDATORY SECTION (Amending Order 70, filed 4/23/91, effective 5/24/91)

WAC 468-38-190 Signs. OVERSIZE LOAD signs (at least 7 feet long and 18 inches high with black lettering at least 10 inches high in 1.41 inch brush stroke on yellow background) will be mounted on the front of the towing vehicle and on the rear of the load or trailing unit ((and above the roof line of escort cars a minimum of five feet above the roadway surface measured from the bottom of the sign)). Signs are not required on loads that are overweight only. If the nature of the towing vehicle or load is such that the sign cannot be mounted five feet above the roadway surface, it shall be placed above the front bumper or as high as practicable on the vehicle or load. Such signs are to be displayed only when the unit is in transit and must be removed or retracted at all other times. Such signs shall be clean and clearly legible at a distance of five hundred feet during clear weather.

OVERSIZE LOAD signs on escort cars shall be at least 5 feet long, 10 inches high with 1-inch black lettering on yellow background. The sign shall be mounted over the roof of the escort car and shall be displayed only during transit and shall be removed or retracted at all other times.

AMENDATORY SECTION (Amending Order 68, filed 11/22/89, effective 12/23/89)

WAC 468-38-230 Days on which permit movements are prohibited. ((Oversize movements)) Vehicles operating under an overweight permit, where the vehicle cannot maintain the speed of the surrounding traffic flow, and vehicles operating under a permit authorizing an overdimensional feature are prohibited from movement on Fridays after 3:00 p.m. and after 12:00 noon on Sundays. ((Overlegal)) Permit movements are allowed all day on Saturday. ((Overlegal)) Overdimensional movements and overweight vehicles that cannot maintain the speed of the surrounding traffic flow are prohibited on the holidays of New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day, Christmas Day, and during the afternoon of the day preceding said holidays. Should any of the holidays fall on a Saturday or Sunday, the preceding Friday or the following Monday shall be considered such holiday.

All permit movements may be made on holidays that are not ((universally)) commonly observed, provided they do not conflict with the policy for Fridays and Sundays, e.g., ((Lincoln's Birthday, Washington's)) President's Day, Martin Luther King's Birthday, Columbus Day, Veterans' Day and General Election Day.

AMENDATORY SECTION (Amending Order 40, Resolution No. 210, filed 1/20/84)

WAC 468-38-235 Commuter traffic restrictions. ((Movement by special permit will be prohibited on urban)) Vehicles operating under a special motor vehicle permit for overweight, where the vehicle cannot maintain the speed of the surrounding traffic flow, and vehicles operating under a special motor vehicle permit for overdimensional features may be restricted from specified sections of state highways ((in the vicinity of cities having a population of more than 15,000 and other sections of state highways)) having excessive volumes of traffic during the morning and evening commuting hours. The department shall ((prescribe)) identify and publish, as an addendum to the special motor vehicle permit, specific areas and hours ((and regulations-for oversize movements in and adjacent to Seattle, Tacoma. Spokane, Everett, Vancouver and other areas as deemed necessary)) relating to the restrictions. Movement of empty equipment trailers up to ten feet wide may be allowed during such hours ((on a trip to pick up or from delivering overwide-loads)).

AMENDATORY SECTION (Amending Orders 71 and 71A. filed 4/23/91 and 4/29/91, effective 5/24/91 and 5/30/91)

WAC 468-38-260 Night-time movements. ((Special permits will authorize overlegal-movements only during daytime hours under normal-atmospheric conditions, except that movements up to ten feet wide may be made by permit at night on fully controlled access highways. The department may authorize overlegal movements at night, in its discretion, it determines that movement at night would substantially alleviate daytime traffic congestion.)) Vehicles or combinations operating under special motor vehicle permits that are overweight and/or overdimensional, not exceeding ten feet wide or one hundred feet long, and of legal height may be permitted to move at night on state highways during normal atmospheric conditions. Night means one-half hour after sunset to one-half hour before sunrise. Those oversize loads that are allowed to move at night shall have lighting equipment as required by the Code of Federal Regulations, Title 49, part 393.11. No movements shall be made when visibility is reduced to less than one thousand feet or when hazardous roadway conditions exist. ((Daytime means from one half hour before sunrise to one half hour after sunset. Night time means any other hour.)) It shall be the responsibility of the permittee to discontinue movement and remove the unit from the highway when any of the above conditions exist which could create an unsafe movement.

AMENDATORY SECTION (Amending Order 68, filed 11/22/89, effective 12/23/89)

WAC 468-38-390 Winter road restrictions. During periods when "emergency load restrictions" or "severe emergency load restrictions" are in effect, only vehicles equipped with tires required by WAC 468-38-080 may operate under permit. Movement by permit of units whether driven, towed or hauled is prohibited in areas where any of the following signs are displayed: "((Snow)) Traction tires advised," "approved ((snow)) traction tires recommended," "approved ((snow)) traction tires required," or "tire chains required."

Special permits for movements over mountain passes (Snoqualmie, Stevens, Sherman, Blewett, White and Satus) will not be valid during periods when snow is falling to a degree that visibility is limited to less than 1,000 feet; immediately following a severe storm when snow removal equipment is operating; when fog or rain limits visibility to less than 1,000 feet; or when compact snow and ice conditions require the use of chains. If hazardous conditions are encountered after a move is undertaken, it shall be the responsibility of the permittee to remove the oversize load from the highway, and he shall not proceed until conditions have abated and he has obtained clearance from the nearest department of transportation office or the Washington state patrol.

The secretary of transportation may issue special permits for department vehicles used for snow removal or the sanding of highways during emergency winter conditions. Such permits shall also be valid for vehicles in transit to or from the work site. Limitations on movement during hours of the day or days of the week may be waived. Sign requirements may be waived if weather conditions render

such signs ineffectual. Movements at night may be made only by department vehicles whose lights meet the standards for emergency maintenance vehicles established by the commission on equipment.

copy of the proposed rule draft and/or small business economic impact statement is available upon request. Contact Roseanna Hodson, (206) 586-4281.

September 8, 1992 Les Jaster Rules Coordinator

# WSR 92-19-029 PREPROPOSAL COMMENTS DEPARTMENT OF REVENUE

[Filed September 8, 1992, 3:48 p.m.]

Subject of Possible Rule Making: New section WAC 458-18-215 Refunds—Payment under protest requirements.

Persons may comment on this subject in writing or by attending the public meeting. Written comments should be addressed to: James Winterstein, Counsel, Department of Revenue, Legislation and Policy, P.O. Box 47458, Olympia, WA 98504-7458. Public meeting scheduled in: Evergreen Plaza Building, 2nd Floor Conference Room, 711 Capitol Way South, Olympia, WA, on October 29, 1992, at 10:00 a.m. (Written comments will be accepted to this date.)

Other Information or Comments by Agency at this Time, if any: This rule is to clarify the procedures relative to obtaining court ordered refund of property tax after payment under protest. A copy of rule draft is available upon request. Contact Pat Baxter, (206) 753-1382.

September 8, 1992 William N. Rice Assistant Director

# WSR 92-19-030 PREPROPOSAL COMMENTS DEPARTMENT OF REVENUE

[Filed September 8, 1992, 3:50 p.m.]

Subject of Possible Rule Making: Amending WAC 458-20-119 Sales of meals and 458-20-124 Restaurants, soda fountains, cocktail bars, beer parlors, etc.

Persons may comment on this subject in writing or by attending the public meeting. Written comments should be addressed to: Les Jaster, Rules Coordinator, Department of Revenue, P.O. Box 47458, Olympia, WA 98504-7458, FAX (206) 586-7603. Public meeting scheduled at: Evergreen Plaza Building, 2nd Floor Conference Room, 711 Capitol Way South, Olympia, WA, on October 28, 1992, at 1:30 p.m. (Written comments will be accepted to this date.)

Other Information or Comments by Agency at this Time, if any: The department proposes to amend these rules. Rule 119 will be amended to delete provision for hospitals to take a deduction for tax paid at source based on fifty percent of selling price of meals. This reporting method assumed all meal ingredients were subject to retail sales tax which is not the case. The rule will clarify that hospitals who sell meals through a cafeteria are subject to retailing and retail sales tax on meals provided to staff. Rule 124 will explain discounts such as "2 for 1" meal promotions. The rule proposes that Class H establishments may use different pricing methods for drinks sold in different areas of the business (i.e., tax included vs. tax excluded). A

# WSR 92-19-033 PROPOSED RULES DEPARTMENT OF LABOR AND INDUSTRIES

[Filed September 9, 1992, 10:50 a.m.]

Original Notice.

Title of Rule: Chapter 296-81 WAC, Safety rules governing elevators, dumbwaiters, escalators and other lifting devices—Moving walks; chapter 296-86 WAC, Regulations and fees for freight and passenger elevators, manlifts, dumbwaiters, escalators, moving walks, automobile parking elevators, and other lifting devices; chapter 296-94 WAC, Safety rules governing the construction, operation, maintenance and inspection of inclined passenger elevators for private use; and chapter 296-95 WAC, Electric elevators—Direct plunger and roped hydraulic elevators—Escalators used to transport passengers—Electric and hand-powered dumbwaiters and hand-powered elevators.

Purpose: The purpose is to add two new sections to chapter 296-81 WAC; one section, WAC 296-81-280, will reduce compliance requirements of the national code, ASME/ANSI A17.1, but at the same time maintain an equal amount of safety; the second new section, WAC 296-81-290, is being proposed to put us into compliance with a federal rule.

Eleven sections of chapter 296-81 WAC are being amended; one amendment to WAC 296-81-007 to keep us current with the national code, ASME/ANSI A17.1; one amendment to WAC 296-81-240 which reduces compliance requirements of the national code, ASME/ANSI A17.1; one amendment to WAC 296-81-275 which adds no new compliance requirements but it will create uniformity with the Washington State Fire Chiefs Association; one amendment to WAC 296-81-277 to clarify the location of a shut-off valve; amendments to six sections, WAC 296-81-315, 296-81-320, 296-81-325, 296-81-330, 296-81-340, and 296-81-350 to bring them into compliance with Washington state rules and regulations for barrier free design; and the last amendment to WAC 296-81-370 is a housekeeping change to clarify the intent of the rule.

The purpose is to repeal twenty-three sections of chapter 296-81 WAC because they are being relocated to the proposed new chapter 296-95 WAC, and one section on door operation because it is already covered in ANSI A17.1, Rule 211.

The purpose is to amend two sections of chapter 296-86 WAC. The amendment to WAC 296-86-030 rescinds the installation fee for cantilever hoists, because this lift no longer exists. Amendments to WAC 296-86-060 clarify existing operating permit fees as being for commercial lifting devices; one raises the operating permit fee for commercial incline elevators to be parallel to the fee for other cable

elevators; other amendments establish new operating permit fees for private residence elevators and other lifting devices; and one rescinds the operating permit fee for cantilever hoists

The purpose is to amend seventeen sections of chapter 296-94 WAC, to lessen restrictions and allow Washington state businesses manufacturing and installing private residence incline elevators more flexibility in design, while at the same time providing an equally safe mode of transportation for the residence owner.

Housekeeping changes are made in WAC 296-94-010, 296-94-020, 296-94-030, 296-94-100, 296-94-170, and 296-94-200. Changes are proposed in WAC 296-94-040, 296-94-080, 296-94-090, 296-94-120, 296-94-150, 296-94-160, 296-94-170, 296-94-180, 296-94-200, and 296-94-240 that lessen restrictions and allow more flexibility in design, at the same time ensuring equal safety: Proposed changes in WAC 296-94-120 and 296-94-170 clarify the intent of the rule. Proposed changes in WAC 296-94-050, 296-94-110, 296-94-120, 296-94-180, and 296-94-210 make the rules parallel to the national code. A proposed change in WAC 296-94-100 for car bumpers is a newly added safety feature that will stop the car if the incline is obstructed for any reason.

WAC 296-94-250 is being repealed because use of that method of egress would create a very unsafe situation.

The purpose of the new rule, chapter 296-95 WAC is to establish a minimum standard for all existing conveyances, to be in compliance with ASME/ANSI A17.3-1986, and to create uniformity with the 1985 Seattle Building Code, Elevator Regulations, to create uniformity throughout the state.

The rules in chapter 296-95 WAC will be a minimum code for all existing conveyances, while the rules remaining in chapter 296-81 WAC will apply to conveyances installed after the individual rule adoption date.

Statutory Authority for Adoption: Chapter 70.87 RCW. Statute Being Implemented: RCW 70.87.030.

### Summary

### Chapter 296-81 WAC

New WAC 296-81-280 has been proposed to lessen restrictions and allow contractors more flexibility for installing electric conduit, pipes, and ducts in the upper spaces of elevator machine rooms; and new WAC 296-81-290 requires all newly installed underground pressure cylinders and pipes containing hydraulic elevator fluids to be encased in an outer plastic containment to prevent oil seepage into underground water, to be in compliance with the Environmental Protection Agency's Resource Conservation and Recovery Act.

Amended sections, the proposed amendment to WAC 296-81-007 adopts the 1990 edition of ASME/ANSI A17.1, to keep us current with the national code; the proposed amendment to WAC 296-81-240 adds the wording "or the machine room, whichever is lower," to allow maintenance to be performed without draining of oil; the proposed amendment to WAC 296-81-275 adds the wording, "Elevator equipment room smoke detector and alarm devices on designated level may cause all cars to return to the alternate level," to put us in uniformity with the Washington State Fire Chiefs Association; the proposed amendment to WAC

296-81-277 clarifies the location of a shut-off valve to ensure its accessibility; the proposed amendment to WAC 296-81-315 will provide space for wheelchair users, to bring us into compliance with Washington state rules and regulations for barrier free design; the proposed amendment to WAC 296-81-320 provides car controls accessibility and braille requirement, to bring us into compliance with Washington state rules and regulations for barrier free design; the proposed amendment to WAC 296-81-325 defines requirements for the car position indicator signal, to bring us into compliance with Washington state rules and regulations for barrier free design; the proposed amendment to WAC 296-81-330 is to ensure that emergency two-way communication requirements are accessible to wheelchair users and persons with speech or hearing impairments, to bring us into compliance with Washington state rules and regulations for barrier free design; the proposed amendment to WAC 296-81-340 clarifies handrail height, to bring us into compliance with Washington state rules and regulations for barrier free design; the proposed amendment to WAC 296-81-350 requires door jam markings in braille, to bring us into compliance with Washington state rules and regulations for barrier free design; and the proposed amendment to WAC 296-81-370 adds wording to make clear that WAC 296-81-300 through 296-81-365 cover "passenger" elevators only.

Repealed sections, WAC 296-81-010 Hoistway enclosures; 296-81-020 Hoistway gates and doors; 296-81-030 Car enclosures; 296-81-040 Car doors and gates; 296-81-050 Brakes: 296-81-060 Car safeties: 296-81-070 Overspeed governors; 296-81-080 Periodic inspections and tests: 296-81-090 Maintenance inspection and test periods: 296-81-100 Ropes, rope connections, data and record; 296-81-110 Electric and electro-hydraulic dumbwaiters; 296-81-120 Hydraulic elevators; 296-81-130 Sidewalk elevators; 296-81-140 Hand power elevators and dumbwaiters; 296-81-150 Car operating and terminal stopping devices and electrical protective devices; 296-81-160 Power supply switch; 296-81-170 Access to machine room and machinery space; 296-81-180 Capacity posting; 296-81-190 Illumination; 296-81-220 Illumination of pits; 296-81-260 Photo electric or electric eye devices; and 296-81-270 Counterweight pit guards.

These WAC rules are being repealed because they are being moved to the proposed new chapter 296-95 WAC which will be a minimum code for all existing conveyances, while the rules remaining in chapter 296-81 WAC will pertain to conveyances installed after the individual rule adoption date.

WAC 296-81-305 Door operation is also being repealed because it is already covered in ANSI A17.1, Rule 211.

### Chapter 296-86 WAC

Amended sections, the amendment to WAC 296-86-030 deletes cantilever hoists, as this lift no longer exists; and the proposed amendments to WAC 296-86-060, clarifies existing operating permit fees as being for commercial lifting devices, raises the operating permit fee for commercial incline elevators to be parallel to the fee for other cable elevators, rescinds the operating permit fee for cantilever hoists, and establishes new operating permit fees for private residence elevators and other lifting devices.

### Chapter 296-94 WAC

Amended sections, the amendment to WAC 296-94-010 changes the word "lift" to "elevator"; the proposed amendments to WAC 296-94-020 are basically housekeeping changes defining inclined passenger elevators; the proposed amendments to WAC 296-94-030 changes the word "lift" to "elevator"; the proposed amendment to WAC 296-94-040 adds the word "nominal" to allow for more flexibility in design; the proposed amendments to WAC 296-94-050 reduces the height of the railing, to be parallel with the national code, explains the type of lock required as being combination electrical/mechanical, and sets requirements for the distance between the incline elevator and the landing platform; the proposed amendment to WAC 296-94-080 increases the net platform area, eliminating the current exception, as the net load is the same whether the area is used for standing or sitting; the proposed amendment to WAC 296-94-090 increases the rate of speed allowed. The increase will not reduce safety; the proposed amendment to WAC 296-94-100 changes the word "lift" to "elevator," deletes the word "track" allowing for more flexibility in design, and adds the requirement for car bumpers that will stop the car if the incline is obstructed for any reason; the proposed amendment to WAC 296-94-110 lowers the height requirement for the car enclosure, and changes the deflection of enclosure walls allowed, to be parallel with the national code; the proposed amendment to WAC 296-94-120 changes the height and construction requirements for car doors or gates to be parallel to the national code, allows car doors or gates to be operated by either automatic or manual means, and the last change is a housekeeping one to clarify the rule; the proposed amendment to WAC 296-94-150 deletes words "track" and "rail," explains when using cable guides deflection shall be as specified in the engineering specifications, all of these allowing manufacturers more flexibility in design; the proposed amendment to WAC 296-94-160 deletes the word "track" allowing for more flexibility in design; the proposed amendment to WAC 296-94-170 changes the word "lifts" to "elevators," allows car safeties to be of Type A, B, or C, and clarifies the application of the safety. Changes allow for more flexibility in design; the proposed amendment to WAC 296-94-180 adds "or as per manufacturer's recommendation" to the exception, allowing for more flexibility in design, and hydraulic driving machines are eliminated to be parallel to the national code; the proposed amendment to WAC 296-94-200 changes the word "lift" to "elevator," and adds radio frequency control as being permissible, allowing manufacturers to make use of modern technology to operate these elevators; the proposed amendment to WAC 296-94-210 eliminates five defining statements under suspension means, to make the rule parallel to the national code; and the proposed amendment to WAC 296-94-240 deletes the word "track" to allow for more flexibility in design.

Repealed section, WAC 296-94-250 is being repealed because use of this method of egress would create a very unsafe situation.

### Chapter 296-95 WAC

New sections, Part I - Hoistways and Related Construction for Electric and Hydraulic Elevators; WAC

296-95-101 Scope, this part is a minimum standard for all existing electric elevators. It applies to other equipment only as referenced in the applicable part. Part I consists of the following sections: Section 1 - Hoistways, WAC 296-95-110 Hoistway enclosures, 296-95-111 Windows in hoistway enclosures, 296-95-113 Pipes conveying gases, vapors, or liquids, 296-95-115 Access for maintenance, and 296-95-116 Car number designation; Section 2 - Machine rooms and machinery spaces, WAC 296-95-121 Access to machine rooms and machinery spaces, 296-95-122 Lighting, 296-95-123 Service outlets, 296-95-124 Pipes conveying gases, vapors, or liquids, 296-95-125 Protection from weather, and 296-95-126 Guards. NOTE: WAC 296-95-126 is required by OSHA; Section 3 - Pits, WAC 296-95-130 Access to pits, 296-95-131 Drains, 296-95-132 Illumination of pits, and 296-95-133 Counterweight pit guards. NOTE: WAC 296-95-131 is required by the Environmental Protection Act; Section 4 - Protection of spaces below hoistways, WAC 296-95-140 Spaces below hoistways; Section 5 - Hoistway entrances, WAC 296-95-150 Doors or gates required, 296-95-151 Closing of hoistway doors, 296-95-152 Hoistway door vision panels, 296-95-153 Door hangers, 296-95-154 Nonshearing astragals, 296-95-155 Pull straps, 296-95-156 Landing sill clearance, 296-95-157 Threshold clearance, and 296-95-158 Floor numbers. NOTE: WAC 296-95-154 replaces an angle iron that creates a shearing hazard when the top door and the bottom door meet. The astragal will provide a noncrushing edge; Section 6 - Hoistway door locking devices, parking devices, and access, WAC 296-95-160 Hoistway door or gate locking devices, 296-95-161 Elevator parking device, and 296-95-162 Access to hoistway; Section 7 - Power operation of doors and gates, WAC 296-95-165 Reopening device for power-operated car doors or gates, and 296-95-166 Photo electric or electric eye devices. These rules were developed in part from chapter 296-81 WAC, ASME/ANSI A17.3-1986, and also from the 1985 Seattle Building Code, Elevator Regulations, to bring us into compliance with the national code and create uniformity with the city of Seattle and throughout the state.

Part II - Machinery and equipment for electric elevators; WAC 296-95-200 Scope, this part is a minimum standard for all existing electric elevators. It applies to other equipment only as referenced in the applicable part. Part II consists of the following sections: Section 1 - Buffers and bumpers, WAC 296-95-203 Buffers and bumpers; Section 2 -Counterweights, WAC 296-95-205 Counterweights; Section 3 - Car frames and platforms, WAC 296-95-206 Car platforms, 296-95-207 Platform guards (aprons), 296-95-208 Hinged platform sills, and 296-95-209 Floating (movable) platforms; Section 4 - Car enclosures, WAC 296-95-215 Car enclosures, 296-95-216 Material for passenger car enclosures, 296-95-220 Car doors and gates, 296-95-221 Location of car doors and gates, 296-95-222 Control and operating circuit requirements, 296-95-225 Emergency exits, and 296-95-226 Car illumination. NOTE: WAC 296-95-216 is required by the Fire Department and Building Code; Section 5 - Safeties, WAC 296-95-227 Car safeties, 296-95-228 Maximum permissible movement of governor rope to operate the safety mechanism, and 296-95-229 Rail lubricants and lubrication plate; Section 6 - Speed governors, WAC 296-95-235 Governors and 296-95-236 Speed governor overspeed and car safety mechanism switches;

Section 7 - Capacity and loading, WAC 296-95-240 Minimum rated load for passenger elevators, 296-95-241 Use of partitions for reducing inside net platform area, 296-95-243 Minimum rated load for freight elevators, 296-95-244 Capacity plates, and 296-95-245 Signs on freight elevators; Section 8 - Driving machines and sheaves, WAC 296-95-250 General requirements, 296-95-255 Winding drum machines, 296-95-256 Indirect-drive machines, 296-95-260 Brakes, and 296-95-261 Driving and release of driving machine brakes; Section 9 - Terminal stopping devices, WAC 296-95-262 Normal terminal stopping devices, and 296-95-264 Final terminal stopping devices; Section 10 - Operating devices and control equipment, WAC 296-95-266 Types of operating devices, 296-95-268 Car-switch operation elevator, 296-95-269 Passenger elevator emergency stop buttons, 296-95-270 Top-of-car operating devices, 296-95-272 Electrical protective devices, 296-95-274 Power supply line disconnecting means, 296-95-276 Phase reversal and failure protection, 296-95-277 Grounding and overcurrent protections, 296-95-278 Absorption of regenerated power, and 296-95-279 Door by-pass systems; NOTE: WAC 296-95-274 and 296-95-277 are currently required by the National Electrical Code; Section 11 - Emergency operation and signaling devices, WAC 296-95-280 Car emergency signaling devices (in all buildings); Section 12 - Suspension means and their connections, WAC 296-95-282 Suspension means, 296-95-283 Rope data tag, 296-95-284 Factor of safety, 296-95-285 Minimum number and diameter of suspension ropes, 296-95-287 Suspension rope equalizers, 296-95-288 Securing of suspension wire ropes to winding drums, 296-95-289 Spare rope turns on winding drums, 296-95-290 Suspension rope fastenings, and 296-95-291 Auxiliary rope fastening devices. These rules were developed in part from chapter 296-81 WAC, ASME/ANSI A17.3-1986, and also from the 1985 Seattle Building Code, Elevator Regulations, to bring us into compliance with the national code and create uniformity with the city of Seattle and throughout the state.

Part III - Hydraulic elevators; WAC 296-95-300 Scope, this part applies to all existing direct plunger and roped hydraulic elevators. Part III consists of the following sections: Section 1 - Hoistways, hoistway enclosures, and related construction, WAC 296-95-302 Hoistways, hoistway enclosures, and related construction shall conform to the requirements of Part I; Section 2 - Mechanical equipment, WAC 296-95-304 Buffers and bumpers, 296-95-307 Car frames and platforms, 296-95-309 Car enclosures, and 296-95-311 Capacity and loading; Section 3 - Driving machines, WAC 296-95-313 Connection to driving machine and 296-95-316 Plunger stops; Section 4 - Valves, supply piping, and fittings, WAC 296-95-318 Pump relief valve, 296-95-321 Check valve, 296-95-322 Supply piping and fittings, and 296-95-323 Flexible hydraulic connections; Section 5 -Tanks, WAC 296-95-324 General requirements, and 296-95-325 Pressure tanks; Section 6 - Terminal stopping devices, WAC 296-95-326 Terminal stopping devices shall conform to the requirements of WAC 296-95-262; Section 7 -Operating devices and control equipment, WAC 296-95-328 Operating devices, 296-95-330 Top-of-car operating devices, 296-95-332 Anticreep leveling devices, 296-95-334 Electrical protective devices, 296-95-336 Power supply line disconnecting means, 296-95-338 Devices for making

hoistway door interlocks or electric contacts, or car door or gate electric contacts inoperative, 296-95-340 Control and operating circuit requirements, and 296-95-342 Emergency operation and signaling devices; NOTE: WAC 296-95-330 will allow service personnel and inspectors control from the top of the elevator car; Section 8 - Additional requirements for counterweighted hydraulic elevators, WAC 296-95-344 Additional requirements for counterweighted hydraulic elevators. These rules were developed from ASME/ANSI A17.3-1986 and the 1985 Seattle Building Code, Elevator Regulations, to bring us into compliance with the national code and create uniformity with the city of Seattle and throughout the state.

Part IV - Escalators, WAC 296-95-400 Scope, this part is a minimum standard for all escalators used to transport passengers. Part IV consists of the following sections: Section 1 - Construction, WAC 296-95-405 Balustrades, 296-95-408 Clearance between skirt and step, 296-95-410 Guards at ceiling or soffit intersections, 296-95-412 Antislide device, 296-95-414 Handrails, 296-95-416 Handrail guards, 296-95-418 Slotting of step risers, 296-95-420 Slotting of step treads, and 296-95-422 Combplates; Section 2 - Brakes, WAC 296-95-424 General requirements and 296-95-427 Main drive shaft brake; Section 3 - Operating and safety devices, WAC 296-95-429 Starting switches, 296-95-431 Emergency stop buttons, 296-95-432 Speed governor, 296-95-434 Broken step-chain device, 296-95-436 Application of brake, 296-95-438 Broken drive chain device, 296-95-440 Skirt obstruction device, 296-95-442 Rolling shutter device, 296-95-444 Reversal stop device, 296-95-446 Tandem operation, and 296-95-448 Caution signs; Section 4 -Lighting of step treads, WAC 296-95-450 Lighting of step treads. These rules were developed to bring us into compliance with ASME/ANSI A17.3-1986.

Part V - Dumbwaiters, hand-powered dumbwaiters, and hand-powered elevators, WAC 296-95-500 Scope, this part is a minimum standard for all existing electric and hand-powered dumbwaiters and hand-powered elevators. Part V consists of the following: WAC 296-95-510 Electric and electro-hydraulic dumbwaiters and 296-95-540 Hand-powered elevators and dumbwaiters. These rules were relocated from chapter 296-81 WAC.

Part VI - Alterations, repairs, and maintenance, WAC 296-95-600 Scope, this part applies to periodic inspections, tests, alterations, and maintenance. Part VI consists of the following: WAC 296-95-610 Routine periodic inspections and tests, 296-95-620 Alterations, repairs, and maintenance, and 296-95-630 Anchorage after seismic activity; WAC 296-95-610 and 296-95-620 were developed to bring us into compliance with ASME/ANSI A17.3-1986; and WAC 296-95-630 is a new code developed to correct movement of elevator equipment that has occurred during an earthquake.

Part VII - Lifts for physically handicapped, WAC 296-95-700 Scope, rules governing lifting devices for physically handicapped people. Part VII consists of: WAC 296-95-710 Lifts for physically handicapped. This is a new code developed for existing and new lifting devices, to remove barriers for physically handicapped persons in the state of Washington. The rule would require inclined stairway chairlifts and vertical wheelchair lifts in public locations to be provided with a standard electric switch Chicago lock with key #2252.

Part VIII - Sidewalk elevators, WAC 296-95-800 Scope, this part is a minimum standard for all existing power sidewalk elevators. Part VIII consists of: WAC 296-95-810 Sidewalk elevators. This rule was relocated from chapter 296-81 WAC.

Reasons Supporting Proposal: To provide for the safe mechanical and electrical operation of elevators so they shall be reasonably safe to persons and property.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: William T. O'Hara, 12806 Gateway Drive, Seattle, WA 98168, 248-6657.

Name of Proponent: Department of Labor and Industries, governmental.

Rule is necessary because of federal law, proposed new section WAC 296-81-290 is made to make the state standards at-least-as-effective-as the federal final rule published in Federal Register Volume 53, Number 185, dated September 23, 1988. See Part 280—Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (UST). Proposed amendments to WAC 296-81-315, 296-81-320, 296-81-325, 296-81-330, 296-81-340, and 296-81-350 will make the state standards as-effective-as the Department of Justice's rules and regulations published in Federal Register, Volume 56, Number 144, dated Friday, July 26, 1991, and the Washington state rules and regulations for barrier free design. The federal rules implementing Title III of the Americans with Disabilities Act, Public Law 101-336, are being adopted by Washington state rules and regulations for barrier free design, effective July 1, 1992. We have been unable to obtain copies of this federal register to date.

Explanation of Rule, its Purpose, and Anticipated Effects

### Chapter 296-81 WAC

WAC 296-81-280, new section developed to lessen restrictions and allow contractors more flexibility for installing electric conduit, pipes, and ducts in the upper spaces of elevator machine rooms. Proposed rule reduces compliance requirements, the less stringent requirements reducing costs and burdens for businesses.

WAC 296-81-290, new section requires all newly installed underground pressure cylinders and pipes containing hydraulic elevator fluids to be encased in an outer plastic containment to prevent oil seeping into underground water, to be in compliance with the Environmental Protection Agency's Resource Conservation and Recovery Act. New section proposed for adoption solely for the purpose of conformity, compliance, or both, with federal law.

WAC 296-81-007, state-initiated change to adopt the 1990 edition of ASME/ANSI A17.1, to keep us current with the national code. This is a housekeeping amendment to adopt current editions of the national code.

WAC 296-81-240, state-initiated change in wording to allow maintenance to be performed without draining of oil. Proposed change reduces compliance requirements, the less stringent requirements reducing costs and burdens for businesses.

WAC 296-81-275, state-initiated change to add wording which will put us in conformity with the Washington State Fire Chiefs Association. Proposed change provides

stakeholders an option and adds no new compliance requirements.

WAC 296-81-277, state-initiated change to define the location of a shut-off valve to ensure its accessibility. Proposed change adds no new requirement.

WAC 296-81-315, Proposed changes to provide space for wheelchair users to enter/exit the elevator and maneuver within reach of the car controls. Amendment proposed for the purpose of conformity, compliance, or both, with federal and state laws.

WAC 296-81-320, changes proposed to define accessibility to car controls, and to provide braille on control buttons. Amendment proposed for the purpose of conformity, compliance, or both, with federal and state laws.

WAC 296-81-325, proposed change to requirements for the car position indicator signal to aid persons who are sight or hearing impaired. Amendment proposed for the purpose of conformity, compliance, or both, with federal and state laws.

WAC 296-81-330, proposed changes to requirements for the emergency two-way communication system to provide accessibility for wheelchair users and persons with speech or hearing impairments. Amendment proposed for the purpose of conformity, compliance, or both, with federal and state laws.

WAC 296-81-340, state-initiated change to lessen handrail height restriction, and allow contractors more flexibility when installing handrails. Proposed amendment reduces compliance requirement, the less stringent requirement reducing costs and burdens for contractors and manufacturers.

WAC 296-81-350, proposed amendment to require door jam marking designations to be accompanied by braille. Amendment proposed for the purpose of conformity, compliance, or both, with federal and state laws.

WAC 296-81-370, state-initiated change to add one word to clarify that WAC 296-81-300 through 296-81-365 cover "passenger" elevators only. No economic impact. Housekeeping change to clarify the intent of the rule.

WAC 296-81-010 through 296-81-190, 296-81-220, 296-81-260 and 296-81-270, these rules are being repealed because they are being relocated to the proposed new chapter 296-95 WAC which will be a minimum code for all existing conveyances, while the rules remaining in chapter 296-81 WAC will pertain to conveyances installed after the individual rule adoption date. No affect on stakeholders. Text is being relocated to another WAC section.

WAC 296-81-305, this rule is being repealed because door operation is already covered in ANSI A17.1, Rule 211.

### Chapter 296-86 WAC

WAC 296-86-030, this amendment deletes cantilever hoists from installation fee requirements, as this lift no longer exists. This is a housekeeping change. No effect on stakeholders.

WAC 296-86-060, state-initiated changes to 1) clarify existing operating permit fees as being for commercial lifting devices, 2) raise the operating permit fee for commercial incline elevators to be parallel to the fee for other cable elevators, 3) rescind the operating permit fee for cantilever hoists, and 4) establish new operating permit fees for private residence conveyances. Items 1) and 3) are housekeeping amendments that will cause no economic impact. Item 2) is

an amendment that is necessary to recoup expenses incurred by the department, as it takes more time to inspect commercial incline elevators, and it sets the fee as the same for other commercial cable elevators. Item 4) establishes a schedule of fees to pay the cost incurred by the department for work related to administration and enforcement of chapter 70.87 RCW. Prior to this the department has been charging the same fee for a private residence conveyance as for a commercial conveyance of the same type, so these reduced fees will make it more economical for the homeowner.

### Chapter 296-94 WAC

WAC 296-94-010, this amendment changes the word "lift" to "elevator." Housekeeping change. No new compliance requirement.

WAC 296-94-020, state-initiated change to delete wording in the definitions of inclined passenger elevators for private use. Proposed change makes the rule parallel to the national code. No new compliance requirement.

WAC 296-94-030, this amendment changes the word "lift" to "elevator." Housekeeping change. No new compliance requirement.

WAC 296-94-040, state-initiated change to add the word "nominal" to the text. Proposed amendment allows for more flexibility in design. No new compliance requirement.

WAC 296-94-050, state-initiated change to reduce the height of the railing to no less than 36" high, to be parallel with the national code; make more clear the type of lock to be used (combination electrical/mechanical); and set requirements for running clearance (distance between the incline elevator and the landing platform). Proposed amendment reduces compliance for height of railing, increases running clearance to lessen the possibility of a rider losing an arm or leg. No economical effect.

WAC 296-94-080, state-initiated change to allow an increase in size to platform area, eliminating the current exception in the rule, as the net load is the same whether the area is used for standing or sitting. Proposed change adds no compliance requirements, and allows for more flexibility in design. No economic impact.

WAC 296-94-090, state-initiated change to allow an increase in the rate of speed of elevator, at the same time safety will not be reduced. Proposed change adds no new compliance requirement, allows the homeowner to transport themselves and their guests in less time. No economic effect.

WAC 296-94-100, proposed amendment changes the word "lift" to "elevator," deletes the word "track," and adds a requirement for car bumpers which will stop the car if the incline is obstructed for any reason. Proposed change of word is a housekeeping one, deletion of the word track allows for more flexibility in design, and the new compliance requirement for car bumpers is necessary for the safety of the users of these elevators.

WAC 296-94-110, state-initiated change to lower the height requirement for car enclosures, and changes the deflection of enclosure walls allowed. Proposed change lessens restrictions, makes the rule parallel to the national code. No economic effect.

WAC 296-94-120, proposed amendment lowers the height requirement for car doors or gates, changes the

construction requirement for car doors or gates, allows car doors or gates to be operated by either automatic or manual means, and the last change is a housekeeping one to clarify the rule. Proposed changes reduce compliance requirements, making them less stringent and more parallel with the national code. No economic effect.

WAC 296-94-150, proposed change deletes words "track" and "rail," and allows for the deflection of cable guides to be as specified in engineering specifications. No new compliance requirements, lessens restrictions, allows for more flexibility in design. No economic effect.

WAC 296-94-160, proposed amendment deletes the word "track." Change lessens restrictions, allows for more flexibility in design. No economic effect.

WAC 296-94-170, state-initiated proposal, changes the word "lifts" to "elevators," allows car safeties to be of Type A, B, or C, and clarifies safety application. No new compliance requirement, lessens restrictions, allows for more flexibility in design. No economic effect.

WAC 296-94-180, state-initiated change to add wording "or as per manufacturer's recommendation" to the existing exception, and the rule on hydraulic driving machines is eliminated. No new compliance requirement, lessens restrictions, allows for more flexibility in design, and makes the rule more parallel with the national code. No economic effect.

WAC 296-94-200, state-initiated amendment to change the word "lift" to "elevator," and adds radio frequency control as being permissible. No new compliance requirement. Radio frequency control feature allows manufacturers to make use of modern technology to operate these elevators. No economic effect.

WAC 296-94-210, state-initiated change to eliminate several defining requirements under suspension means. No new compliance requirements, lessens restrictions, makes the rule more parallel to the national code. No economic effect.

WAC 296-94-240, proposed amendment deletes the word "track" from the text. Deletion of word from text allows for more flexibility in design. No economic effect.

WAC 296-94-250 is being repealed because use of this method of egress would create a very unsafe situation. No effect to stakeholders.

### New Chapter 296-95 WAC

Part I - Hoistways and related construction for electric and hydraulic elevators. Part I consists of the following sections: Section 1 (WAC 296-95-101 through 296-95-116), Rules for hoistways; Section 2 (WAC 296-95-121 through 296-95-126), Machine rooms and machinery spaces; Section 3 (WAC 296-95-130 through 296-95-133), Pits; Section 4 (WAC 296-95-140), Protection of spaces below hoistways; Section 5 (WAC 296-95-150 through 296-95-158), Hoistway entrances; Section 6 (WAC 296-95-160 through 296-95-162), Hoistway door locking devices, parking devices, and access; and Section 7 (WAC 296-95-165 and 296-95-166), Power operation of doors and gates. These rules were developed to set minimum safety standards for hoistways and related construction of existing elevators and dumbwaiters. The rules were relocated in part from chapter 296-81 WAC, and developed from and to bring us into compliance with ASME/ANSI A17.3-1986, and also from the 1985 Seattle Building Code, Elevator Regulations, to create uniformity

with the city of Seattle and throughout the state. Affect on stakeholders: The following rules would have a minor or negligible impact, no economic burden on any business: WAC 296-95-116, 296-95-125, 296-95-151, 296-95-153, 296-95-155, 296-95-156, 296-95-157, 296-95-158, 296-95-164, and 296-95-165. The following rules affect less than 10 percent of one industry/20 percent of all industries: WAC 296-95-111 (10 out of 7,000 buildings), 296-95-113 (3.5% of elevators), 296-95-115 (6 out of 7,000 buildings), 296-95-121 (2 to 5% of elevators), 296-95-122 (1% of elevators), 296-95-123 (1% of elevators), 296-95-124 (3.5%) of elevators), 296-95-130 (4.5% of elevators), 296-95-140 (affects no current business), 296-95-152 (affects no current business), 296-95-161 (12 out of 7,000 buildings), and 296-95-162 (1% of elevators). The following rules would have minor or negligible impact; text has been relocated in whole or in part from another WAC section: WAC 296-95-110, 296-95-132, 296-95-133, 296-95-150, 296-95-160, and 296-95-166. WAC 296-95-126 Guards (required by OSHA) and 296-95-131 Drains (required by Environmental Protection Act) are rules modified solely for the purpose of conformity/compliance with federal law or regulations. WAC 296-95-154 (Nonshearing astragals), will result in economic impacts on the affected industries, the impact resulting in a cost of approximately \$200 per floor per elevator of this type. However, it has been determined that changes are not feasible in meeting the stated objective of the statutes which are the basis for the proposed rule. Chapter 70.87 RCW was enacted to provide for the safe mechanical and electrical operation of elevators to make them reasonably safe to persons and property. This rule is necessary to correct a possible unsafe condition which has been a contributing factor in past accidents resulting in injuries. Changing the rule to minimize proportionately higher burdens on small businesses is therefore not required.

Part II - Machinery and equipment for electric elevators. Part II consists of the following sections: Section 1 (WAC 296-95-200 and 296-95-203), Buffers and bumpers; Section 2 (WAC 296-95-205), Counterweights; Section 3 (WAC 296-95-206 through 296-95-209), Car frames and platforms; Section 4 (WAC 296-95-215 through 296-95-226), Car enclosures; Section 5 (WAC 296-95-227 through 296-95-229), Safeties; Section 6 (WAC 296-95-235 and 296-95-236), Speed governors; Section 7 (WAC 296-95-240 through 296-95-245), Capacity and loading; Section 8 (WAC 296-95-250 through 296-95-261), Driving machines and sheaves; Section 9 (WAC 296-95-262 and 296-95-264), Terminal stopping devices; Section 10 (WAC 296-95-266 through 296-95-279), Operating devices and control equipment; Section 11 (WAC 296-95-280), Emergency operation and signaling devices; and Section 12 (WAC 296-95-282 through 296-95-291), Suspension means and their connections. This part is a minimum standard for all existing electric elevators. It applies to other equipment only as referenced in the applicable part. The rules were relocated in part from chapter 296-81 WAC, and developed from and to bring us into compliance with ASME/ANSI A17.3-1986, and also from the 1985 Seattle Building Code, Elevator Regulations, to create uniformity with the city of Seattle and throughout the state. Affect on stakeholders: The following rules would have a minor or negligible impact, no economic burden on any business: WAC 296-95-205, 296-95-206, 296-95-207, 296-95-208, 296-95-209, 296-95-216, 296-95-222, 296-95-225, 296-95-228, 296-95-229, 296-95-236, 296-95-240, 296-95-241, 296-95-243, 296-95-250, 296-95-256, 296-95-260, 296-95-261, 296-95-268, 296-95-270, 296-95-272, 296-95-277, 296-95-278, 296-95-279, 296-95-280, 296-95-284, and 296-95-288. The following rule affects less than 10 percent of one industry/20 percent of all industries: WAC 296-95-266 (affects approximately 10 out of 7,000 buildings). The following rules would have minor or negligible impact; text has been relocated from another WAC section: WAC 296-95-215, 296-95-220, 296-95-221, 296-95-226, 296-95-227, 296-95-235, 296-95-244, 296-95-245, 296-95-255, 296-95-262, 296-95-264, 296-95-276, 296-95-282, 296-95-283, 296-95-285, 296-95-287, and 296-95-289. WAC 296-95-269, 296-95-290, and 296-95-291 result in less stringent requirements, reducing costs and burdens for businesses. WAC 296-95-216 is a "housekeeping" function, no economic impact. Required by fire department and building code, included for standardization of rules affecting industry. WAC 296-95-274 and 296-95-277 should not result in economic impacts on the affected industries as they are currently required by the National Electrical Code. It has been determined that were there economic impacts, changes to the rules are not feasible in meeting the stated objective of the National Electrical Code which is uniformity. Changing the rules to minimize any potential proportionately higher burdens on small businesses is therefore not required.

Part III - Hydraulic elevators. Part III consists of the following sections: Section 1 (WAC 296-95-302), Hoistways, hoistway enclosures, and related construction; Section 2 (WAC 296-95-304 through 296-95-311), Mechanical equipment; Section 3 (WAC 296-95-313 and 296-95-316), Driving machines; Section 4 (WAC 296-95-318) through 296-95-323), Valves, supply piping, and fittings; Section 5 (WAC 296-95-324 and 296-95-325), Tanks; Section 6 (WAC 296-95-326), Terminal stopping devices; Section 7 (WAC 296-95-328 through 296-95-342), Operating devices and control equipment; and Section 8 (WAC 296-95-344), Additional requirements for counterweighted hydraulic elevators. This part applies to all existing direct plunger and roped hydraulic elevators. The rules were developed from ASME/ANSI A17.3-1986 and the 1985 Seattle Building Code, Elevator Regulations, to bring us into compliance with the national code and create uniformity with the city of Seattle and throughout the state. Affect on stakeholders: The following rules would have a minor or negligible impact, no economic burden on any business: WAC 296-95-302, 296-95-304, 296-95-307, 296-95-311, 296-95-313, 296-95-318, 296-95-322, 296-95-323, 296-95-324, 296-95-325, 296-95-328, 296-95-332, 296-95-334, 296-95-338, 296-95-340, 296-95-342, and 296-95-344. The following rules affect less than 10 percent of one industry/20 percent of all industries: WAC 296-95-316 (affects approximately 9 out of 7,000 buildings) and 296-95-321 (affects approximately 20 to 30 out of 7,000 buildings). The following rule would have minor or negligible impact; text has been relocated in whole or in part from another WAC section: WAC 296-95-309. WAC 296-95-330 Top-of-car operating devices. This rule will result in some economic impact to the building owner, however it is needed to be in compliance with the national code, ANSI/ASME A17.3-1986, Safety Code for Existing Elevators and Escalators. WAC 296-95-336 would not result in economic impacts on the affected industries as it is currently required by the National Electrical Code. It has been determined that were there economic impacts, changes to the rule are not feasible in meeting the stated objective of the National Electrical Code which is uniformity. Changing the rule to minimize any potential proportionately higher burdens on small businesses is therefore not required.

Part IV - Escalators. Part IV consists of the following sections: Section 1 (WAC 296-95-405 through 296-95-422), Construction; Section 2 (WAC 296-95-424 and 296-95-427), Brakes; Section 3 (WAC 296-95-429 through 296-95-448), Operating and safety devices; and Section 4 (WAC 296-95-450), Lighting of step treads. This part is a minimum standard for all existing escalators used to transport passengers. The rules were developed to bring us into compliance with the national code, ASME/ANSI A17.3-1986. Affect on stakeholders: The rules in this part would only have a minor or negligible impact; they do not create an economic burden for any regulated business. Compliance with these rules is already at 100%.

Part V - Dumbwaiters, hand-powered dumbwaiters, and hand-powered elevators: WAC 296-95-500, 296-95-510 and 296-95-540 were relocated from chapter 296-81 WAC, and this part is a minimum standard for all electric and hand-powered dumbwaiters and hand-powered elevators. Affect on stakeholders: No change over existing regulations; text has been relocated from another WAC section.

Part VI - Alterations, repairs, and maintenance: WAC 296-95-610 and 296-95-620 were developed to bring us into compliance with ASME/ANSI A17.3-1986, and WAC 296-95-630 is a new code developed relating to anchorage for seismic activity, for correction of movement of elevator equipment following an earthquake. Affect on stakeholders: WAC 296-95-610 and 296-95-620 have been relocated from another WAC section, no change over existing rules, no impact. WAC 296-95-630 requires no action at this time on the part of any business, no impact. If elevator machinery were to shift or move during an earthquake it would have to be moved back to original location and bolted down.

Part VII - Lifts for physically handicapped. WAC 296-95-710 is a new code developed for existing and new lifting devices to remove barriers for physically handicapped persons in the state of Washington, and to create uniformity with the city of Seattle, and throughout the state. Affect on stakeholders: This rule would not create an economic burden for any regulated business. Cost would be approximately \$25 per lifting device to rekey locks in order to provide a barrier-free design for physically challenged persons.

Part VIII - Sidewalk elevators. WAC 296-95-800 Scope, this part is a minimum standard for all power sidewalk elevators; and WAC 296-95-810 Sidewalk elevators. Affect on stakeholders: No impact. This rule was relocated form chapter 296-81 WAC.

Proposal Changes the Following Existing Rules: See Explanation of Rule above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

The department has considered whether these rules are subject to the Regulatory Fairness Act and has determined that they are not for the following reasons:

Chapter 296-81 WAC, minor or negligible impact; interpretive rule; regulatory scheme that is promulgated for the purpose of stating policy, procedure, organization, or practice and requires no action on the part of any business.

WAC 296-81-007.

Reduced cost for businesses; less stringent requirements reducing costs and burdens for businesses.

WAC 296-81-240, 296-81-275, and 296-81-280.

No economic impact. Housekeeping function. Proposed change adds no new requirement.

WAC 296-81-277.

Rule adoption solely for the purpose of conformity, compliance, or both with federal law or regulations. Required by the Environmental Protection Agency's Resource Conservation and Recovery Act.

WAC 296-81-290.

Proposed amendments solely for the purpose of conformity, compliance, or both with federal law or regulations. Proposed amendments will make the state standards as-effective-as the Department of Justice's rules and regulations published in Federal Register, Volume 56, Number 144, dated Friday, July 26, 1991, and the Washington state rules and regulations for barrier free design.

WAC 296-81-315, 296-81-320, 296-81-325, 296-81-330, 296-81-340, and 296-81-350.

No economic impact. Housekeeping function; not a substantive rule.

WAC 296-81-370.

No economic impact. No change over existing regulations; text is being relocated to another WAC section.

WAC 296-81-010, 296-81-020, 296-81-030, 296-81-040, 296-81-050, 296-81-060, 296-81-070, 296-81-080, 296-81-080, 296-81-100, 296-81-110, 296-81-130, 296-81-140, 296-81-150, 296-81-160, 296-81-170, 296-81-180, 296-81-190, 296-81-220, 296-81-260, and 296-81-270.

Chapter 296-86 WAC, the department has determined that these rules do not require a full small business economic impact statement for the following reasons: Two are housekeeping amendments, one to clarify the intent of a rule, and one to rescind a fee for a lift that no longer exists. One amendment which increases the fee for commercial incline elevators is necessary to recoup expenses incurred by the department, and it sets the fee as the same for other commercial cable elevators. The other amendments establish a schedule of fees for private residence conveyances to pay the cost incurred for work related to administration and enforcement of chapter 70.87 RCW. These new fees actually reduce the fees currently charged by the department, as we have been charging the same fee as for a commercial conveyance of the same type.

WAC 296-86-030 and 296-86-060.

Chapter 296-94 WAC, the department has considered whether these rules are subject to the Regulatory Fairness Act and has determined they do not require a full small business economic statement for the reasons outlined below:

No economic impact; "Housekeeping" function; not a substantive rule.

WAC 296-94-010 and 296-94-030.

No economic impact. No new compliance requirement. Rule modified to be more parallel to the national code.

WAC 296-94-020, 296-94-110, 296-94-120, and 296-94-210.

No economic impact; allows more flexibility in design; no new compliance requirement.

WAC 296-94-040, 296-94-050, 296-94-080, 296-94-090, 296-94-150, 296-94-160, 296-94-170, 296-94-180, 296-94-200, and 296-94-240.

Minor or negligible impact; housekeeping change; and new requirement is an added safety factor necessary for the safety of the riders of this conveyance, and cost is minimal.

WAC 296-94-100.

No economic impact. Rule is being repealed to eliminate an unsafe method of egress.

WAC 296-94-250.

Chapter 296-95 WAC, minor or negligible impact; definitions; regulatory scheme that is promulgated for the purpose of stating policy, procedure, organization, or practice and requires no action on the part of any business.

WAC 296-95-302.

Minor or negligible impact; interpretive rule; regulatory scheme that is promulgated for the purpose of stating policy, procedure, organization, or practice and requires no action on the part of any business.

WAC 296-95-125, 296-95-151, 296-95-153, 296-95-156, 296-95-157, 296-95-165, 296-95-205, 296-95-207, 296-95-222, 296-95-228, 296-95-229, 296-95-250, 296-95-256, 296-95-260, 296-95-261, 296-95-270, 296-95-272, 296-95-277, 296-95-288, 296-95-304, 296-95-307, 296-95-311, 296-95-313, 296-95-322, 296-95-334, 296-95-340, 296-95-344, and 296-95-630.

Rule affects less than 10 percent of one industry/20 percent of all industries.

WAC 296-95-111 affects approximately 10 out of 7,000 buildings; 296-95-113 affects approximately 3.5% of elevators; 296-95-115 affects approximately 6 out of 7,000 buildings; 296-95-121 affects approximately 2 to 5% of elevators; 296-95-122 affects approximately 1% of elevators; 296-95-124 affects approximately 1% of elevators; 296-95-124 affects approximately 3.5% of elevators; 296-95-130 affects approximately 4.5% of elevators; 296-95-140 affects no current industries; 296-95-152 affects no current industries; 296-95-161 affects approximately 12 out of 7,000 buildings; 296-95-200 affects approximately 2 out of 7,000 buildings; 296-95-316 affects approximately 10 out of 7,000 buildings; 296-95-316 affects approximately 9 out of 7,000 buildings; and 296-95-321 affects approximately 20 to 30 out of 7,000 buildings.

Minor or negligible impact; no economic burden; rule does not create an economic burden on any regulated business.

WAC 296-95-116 no cost, required markings can be made in any fashion; 296-95-155 no cost, pull straps are provided with this type of elevator; 296-95-158 no cost, required markings can be made in any fashion; and 296-95-164 no cost, kinetic energy of hoistway door can be adjusted.

The following rules create no cost, compliance with rule is at 100%.

WAC 296-95-206, 296-95-208, 296-95-209, 296-95-216, 296-95-225, 296-95-236, 296-95-240, 296-95-241, 296-95-243, 296-95-268, 296-95-272, 296-95-278, 296-95-279, 296-95-280, 296-95-284, 296-95-318, 296-95-323, 296-95-324, 296-95-325, 296-95-328, 296-95-332, 296-95-334, 296-95-338, 296-95-342, 296-95-405, 296-95-408, 296-95-410, 296-95-412, 296-95-414, 296-95-416, 296-95-418, 296-95-420, 296-95-422, 296-95-424, 296-95-427, 296-95-429, 296-95-431, 296-95-432, 296-95-434, 296-95-436, 296-95-438, 296-95-440, 296-95-442, 296-95-444, 296-95-446, 296-95-448, and 296-95-450.

WAC 296-95-710 cost of approximately \$25 per lift to rekey locks in order to provide a barrier-free design for physically challenged persons; no economic burden.

Minor or negligible impact; no changes over existing regulations; rule results in no substantive change over existing regulations; text has been relocated from another WAC section.

WAC 296-95-110, 296-95-132, 296-95-133, 296-95-150, 296-95-160, 296-95-166, 296-95-215, 296-95-220, 296-95-221, 296-95-226, 296-95-227, 296-95-235, 296-95-244, 296-95-245, 296-95-255, 296-95-262, 296-95-264, 296-95-276, 296-95-282, 296-95-283, 296-95-285, 296-95-287, 296-95-289, 296-95-309, 296-95-510, 296-95-540, 296-95-610, 296-95-620, and 296-95-810.

Reduced cost for businesses; less stringent requirements reducing cost and burdens for businesses.

WAC 296-95-269, 296-95-290, and 296-95-291.

Conformity/compliance with federal law or requirements; rule modified solely for the purpose of conformity, compliance, or both, with federal law or regulations.

WAC 296-95-126 required by OSHA; and 296-95-131 required by the Environmental Protection Act.

No economic impact; "housekeeping" function; not a substantive rule.

WAC 296-95-101 scope; 296-95-216 required by fire department and building code - included here for standardization of rules affecting industry; 296-95-200 scope; 296-95-300 scope; 296-95-400 scope; 296-95-600 scope; 296-95-800 scope.

WAC 296-95-154, this rule will result in economic impacts on the affected industries. The impact resulting from this rule is approximately \$200 per floor per elevator of this type. However, it has been determined that changes are not feasible in meeting the stated objective of the statutes which are the basis for the proposed rule. Chapter 70.87 RCW was enacted to provide for the safe mechanical and electrical operation of elevators so they shall be reasonably safe to persons and property. This rule is necessary to correct a possible unsafe condition which has been a contributing factor in past accidents resulting in injuries. Changing the rule to minimize proportionately higher burdens on small businesses is therefore not warranted.

WAC 296-95-274, this rule should not result in economic impacts on the affected industries as it is currently required by the National Electrical Code. To the degree there are economic impacts, changes to the rule are not feasible in meeting the stated objective of the National Electrical Code which is uniformity. Changing the rule to minimize any potential proportionately higher burdens on small businesses is therefore not required.

WAC 296-95-277, this rule should not result in economic impacts on the affected industries as it is currently required by the National Electrical Code. To the degree there are economic impacts, changes to the rule are not feasible in meeting the stated objective of the National Electrical Code which is uniformity. Changing the rule to minimize any potential proportionately higher burdens on small businesses is therefore not required.

WAC 296-95-336, this rule should not result in economic impacts on the affected industries as it is currently required by the National Electrical Code. To the degree there are economic impacts, changes to the rule are not feasible in meeting the stated objective of the National Electrical Code which is uniformity. Changing the rule to minimize any potential proportionately higher burdens on small businesses is therefore not required.

WAC 296-95-330, this rule will result in economic impacts on the affected building owners. The impact resulting from this rule is approximately \$400 to \$1,500 per elevator; however, this rule adoption is for the purpose of conformity, compliance, or both, with the national standard, ANSI/ASME A17.3-1986, Safety Code for Existing Elevators and Escalators.

Hearing Location: Department of Labor and Industries, Rehabilitation Resource Center (Tukwila), 12806 Gateway Drive, Seattle, WA 98168-3311, on October 29, 1992, at 9:30 a.m.

Submit Written Comments to: William T. O'Hara, by November 15, 1992.

Date of Intended Adoption: December 1, 1992.

September 9, 1992 Joseph A. Dear Director

Chapter 296-94 WAC
SAFETY RULES GOVERNING THE
CONSTRUCTION, OPERATION, MAINTENANCE
AND INSPECTION OF INCLINED PASSENGER
((LIFTS)) ELEVATORS FOR PRIVATE USE

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-010 Scope. These regulations apply to the construction, operation, maintenance, and inspection of all inclined passenger ((lifts)) elevators for private use installed in the state of Washington.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-020 Definitions. (1) "Inclined passenger ((lift)) elevator" means a device constructed and operated for transporting persons from one elevation to another and consisting essentially of a car or platform traveling on guides ((rails)) in an inclined plane. ((For the purpose of these rules, the terms "inclined passenger lifts" shall have the same meaning as the terms "passenger elevator" as defined by RCW 70.87.010 (4)(a).))

(2) ((Devices installed indoors on stairways and utilizing chairs for carrying passengers are not considered as being inclined passenger lifts insofar as these regulations are concerned.

(3)) "Enforcing authority" means the division of building and construction safety inspection services of the department of labor and industries.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-030 Approval of plans and specifications. (1) Before commencing construction of any inclined passenger ((lift)) elevator the owner shall submit complete plans and specifications to the enforcing authority for approval.

(2) Plans and specifications covering the installation of an inclined passenger ((lift)) elevator shall be endorsed by a professional engineer before approval by the enforcing authority will be considered.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-040 Protection required. If the car sides extend less than six feet above the floor of the car, there shall be no obstruction along the runway with the arc with a <u>nominal</u> twenty-four inch radius whose center is the outer corner of the top rail of the car enclosure.

EXCEPTION: When solid guards are installed on the obstruction in both directions of travel which project at least fourteen inches in line with the direction of travel, the running clearance may be reduced to seven inches. The exposed edge of the guard shall be rounded to eliminate shear hazards.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-050 Landing enclosures and gates—Where required. (1) Landing enclosures. Where a landing platform is provided or if a portion of an existing structure is used as a landing platform, it shall be protected by a railing no less than ((forty-two)) thirty-six inches high.

(2) Landing gates. The opening in the railing shall be guarded by a gate to a height equal to that of the railing. The gates may be of the horizontally sliding or swing type and shall be equipped with a combination electrical/mechanical lock and an electrical contact ((to prevent movement of the car with a gate open)) which prevents movement of the car with the gate open, and prevents the gate from opening when the car is more than two inches from the landing.

(3) Side-landing platform. When the incline elevator is at a side-landing platform, the distance from the landing platform to the car platform shall be seven inches, plus or minus one and one-half inches, for all inclined passenger elevators installed on or after the adoption of this rule.

(4) End-loading platform. Subsection (3) of this section does not apply to end-loading platforms.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-080 Platform area and rated load. (1) Rated load. The rated load shall not exceed seven hundred pounds.

(2) Platform area. The inside net platform area shall not exceed ((twelve)) fifteen square feet.

((EXCEPTION: The net platform area may be increased by not more than three square feet provided that shelves or benches permanently affixed to the car structure reduce the standing area to twelve square feet.))

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-090 Rated speed. The rated speed measured along the incline shall not exceed ((seventy five)) one hundred twenty-five feet per minute.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-100 Car and chassis construction. (1) Car and platform. Inclined ((lift)) elevator cars shall have metal or combination metal and wood, or other materials of equal strength, frames and platforms. Car frames and platforms shall have a factor of safety of not less than five based on the rated load, all suitably prepared and/or protected for exposure to the weather.

- (2) Chassis construction. Inclined ((lift)) elevator chassis shall be constructed of metal, except for guiding members. Chassis shall have a factor of safety of not less than five, based on the rated load. The chassis guiding members shall be retained and/or enclosed in guide(s)((/track(s))) in such a manner that the chassis cannot be derailed.
- (3) Use of cast iron. Cast iron shall not be used in the construction of any member of the car frame or chassis.
- (4) Number of compartments. The car shall not have more than one compartment.
- (5) Car bumpers. Car bumpers shall be mounted the full width of either end of the chassis. The bumpers shall be equipped with an electrical switch that will cause the incline elevator to stop when it is activated. The bumper shall be activated by a means of a maximum amount of fifteen pounds of pressure applied.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-110 Car enclosures. (1) Enclosures required. Except at the entrance, cars shall be enclosed on all sides to a height of not less than ((forty-two)) thirty-six inches. The enclosure material will be of a design that will reject a ball one and one-half inches in diameter.

(2) Securing of enclosures. The enclosure shall be securely fastened to the car platform and so supported that it cannot loosen or become displaced in ordinary service or on the application of the car safety or on buffer engagement.

(3) Deflection of enclosure walls. The enclosure walls shall be of such strength and so designed and supported that when subjected to a pressure of seventy-five pounds applied horizontally at any point on the walls of the enclosure, the deflection ((will)) shall not ((reduce the running clearance below three quarter inch, nor to)) exceed one inch.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-120 Car doors or gates. (1) Doors or gates required. A car door or gate which, when closed, will guard the opening to a height of at least ((forty-two)) thirty-six inches, shall be provided at each entrance to the car. Car doors may be of solid or openwork construction which will reject a ball ((three)) one and one-half inches in diameter.

- (2) Door or gate electric contacts. Car doors or gates shall be provided with an electric contact which will prevent operation of the elevator by the operating device unless the car door or gate is within two inches of full closure.
- (3) ((Manual operation. Car doors or gates shall be manually operated.
- (4))) Latching of swing gate. If the car gate is of the swing type opening outward from the car, the contact in ((WAC 296-94-140)) subsection (2) of this section shall not ((make)) complete the circuit until the gate is securely latched.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-150 Guide ((and track)) supports and fastenings. (1) Material. Guides ((rails)), guide ((rail)) brackets, splice plates, and their fastenings shall be of steel or other metals conforming to the requirements of this section.

(2) Stresses and deflections. The guide ((rail)) brackets, their fastenings and supports, shall be capable of resisting the horizontal forces imposed by loading with a total deflection at the point of support not in excess of one-eighth inch. The guides ((rails)) shall not deflect in any direction more than one-fourth inch measured at the midpoint between brackets.

In the case of cable guides, deflection shall be as specified in the engineering specifications.

(3) Overall length of guide rails or tracks. The top and bottom ends of each run of guide rail shall be so located in relation to the extreme positions of travel of the car and counterweight that the car and counterweight guiding members cannot travel beyond the ends of the guide rails.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-160 Counterweight guiding and construction. (1) Guiding. Counterweights, where used, shall be in a guide ((or track)).

(2) Construction. Counterweights shall not be of sufficient weight to cause undue slackening of any car hoisting rope or chain during acceleration or retardation of the car. Counterweight weight section shall be mounted in structural or formed metal frames so designed as to retain weights securely in place.

EXCEPTION: Counterweights may be constructed of a single metal plate.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-170 Car safeties and governors. (1) Where required. All inclined ((lifts)) elevators shall be provided with a safety capable of stopping and sustaining the car with rated load.

- (2) Operation of car safeties. The car safety shall be of the Type A  $((\Theta + 1)_1)_1$  B, or C and operated by a speed governor. The governor shall operate to set the safety at a maximum speed of one hundred forty percent of rated speed and on breakage of the hoisting ropes, the safety shall operate without appreciable delay and independently of the governor speed action.
- (3) Location of speed governor. ((Where)) A speed governor ((is used, it)) shall be located where it cannot be struck by the car or counterweight in case of overtravel and where there is sufficient space for full movement of the governor parts and where it is accessible for examination.
- (4) Opening of brake and motor control circuits on safety application. The motor-control circuit and the brake-control circuit shall be opened ((before or at the time the safety applies)) upon application of the safety without delay.
- (5) Governor ropes. The governor ropes, where used, shall be of iron, steel, monel metal, or phosphor bronze not less than one-quarter inch in diameter. Tiller-rope construction shall not be used.
- (6) Slack-rope and slack-chain devices for winding-drum and roller-chain type driving machines. Inclined ((lifts)) elevators of the winding-drum type with rope suspension shall be provided with a slack-rope device of the manually reset type which will remove the power from the motor and brake if the car is obstructed in its descent and the hoisting ropes slacken.

Inclined ((lifts)) elevators with roller-chain suspension shall be provided with a slack-chain device which will remove the power from the motor and brake if the car is obstructed in its descent and the hoisting chains slacken. This device need not be of the manually reset type if the chain sprockets are guarded to prevent the chain from jumping off the sprockets.

- (7) Application of car safety. A car safety device which depends upon the completion or maintenance of an electric circuit for the application of the safety shall not be used. Car safeties shall be applied mechanically.
- (8) Use of cast iron in car safeties. Cast iron shall not be used in the construction of any part of a car safety the breakage of which would result in failure of the safety to function to stop and sustain the car.
- (9) Car safety tests. A test of the car safety shall be made with rated load in the car before the inclined ((lift)) elevator is put into service. Governor operation of instantaneous-type safeties shall be tested at rated speed by tripping the governor by hand. Where speed governors are located on the car or chassis, testing shall be performed by obtaining sufficient slack rope and dropping the car.

# <u>AMENDATORY SECTION</u> (Amending Order 86-11, filed 1/10/86)

WAC 296-94-180 Driving machines and sheaves. (1) Materials for drums and sheaves and minimum diameter. Winding drums, traction sheaves, and overhead and

deflecting sheaves shall be of cast iron or steel, of a diameter of not less than thirty times the diameter of the wire hoisting ropes. The rope grooves shall be machined.

EXCEPTION: Where 8 x 19 steel ropes are used, the diameter of drums and sheaves may be reduced to twenty-one times the diameter of the rope, or as per manufacturer's recommendation.

- (2) Factor of safety. The factor of safety, based on the static load (the rated load plus the weight of the car, ropes, counterweights, etc.) to be used in the design of driving machines and sheaves shall be not less than:
  - (a) Eight for wrought iron and steel;
  - (b) Ten for cast iron, cast steel, and other material.
- (3) Set-screw fastenings. Set-screw fastenings shall not be used in lieu of keys or pins if the connection is subject to torque or tension.
- (4) Friction gear, clutch mechanism, or coupling. Friction gear, clutch mechanism, or coupling shall not be used for connecting the drum or sheaves to the main driving gear.
- (5) Use of cast iron in gears. Worm gearing having cast iron teeth shall not be used.
- (6) Driving machine brakes. Driving machines shall be equipped with electrically released spring-applied brakes.
- (7) Operation of brake. A single ground or short circuit, a counter-voltage, or a motor field discharge shall not prevent the brake magnet from allowing the brake to set when the operating device is placed in the stop position.
- (8) Location of driving machine, alignment, and guarding of sheaves. The driving machine may be mounted on the car chassis or placed at a remote location. If remotely located, all intervening sheaves or sprockets shall be placed to ensure rope or chain travels in proper alignment. All sheaves or sprockets shall be guarded.
- (9) Driving-machine roller-chain sprockets. Driving-machine roller-chain sprockets shall be steel and shall conform in all particulars of design and dimensions to ANSI B29.1-1963, Transmission Roller Chains and Sprocket Teeth.
- (10) Screw machines. Screw machines shall not be used.
- (((11) Hydraulic driving machines. Hydraulic driving machines, where used, shall conform to ANSI A17.1. Roped hydraulic machines may be used.))

# AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

- WAC 296-94-200 Operation. (1) Type of operation. The incline ((lift)) elevator shall be operated by constant pressure or momentary pressure key switches at each landing and on the car. Key-operated switches shall be of the spring return type and shall be operated by a cylinder type lock having not less than five pin or five disc combination with the key removable only when the switch is in the off position and shall be weatherproof.
- (2) Emergency stop switches in cars. An emergency stop switch shall be provided on or adjacent to the car operating panel. Stop switches shall be of the manually opened and manually closed type with red handles or buttons and conspicuously marked "STOP." Where springs are used, their failure shall not prevent opening of the switch.

- (3) Control and operating circuit requirements. The design and installation of the control and operating circuits shall conform to the following:
- (a) Control systems which depend on the completion or maintenance of an electric circuit shall not be used for:
- (i) Interruption of the power and application of the machine brake at the terminals;
- (ii) Stopping of the car when the emergency stop switch in the car is opened or any of the electrical protective devices operate;
  - (iii) Stopping the machine when the safety applies.
- (b) If springs are used to actuate switches, contactors, or relays to break the circuit to stop an elevator at the terminal, they shall be of the restrained compression type.
- (4) Hand rope operation. Hand rope operation shall not be used.
- (5) Radio frequency control is permissible provided that frequencies are separately coded. A stop switch circuit shall meet the completed circuit requirements mentioned elsewhere in these rules.

# AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

- WAC 296-94-210 Suspension means. (1) Types permitted. Where the chassis is suspended from the driving machine by a wire rope or roller chain, a single suspension means may be used. The suspension means shall be any one of the following:
  - (a) Steel elevator wire rope;
  - (b) Steel aircraft cable;
- (c) Roller chain conforming to ANSI transmission roller chains and sprocket teeth.
- (2) ((Types prohibited. Steel tapes shall not be used as suspension means.
- (3) Minimum diameter of suspension means. The diameter of hoist-rope(s) or cable(s) shall not be less than the following:
  - (a) One quarter inch for elevator wire rope;
  - (b) Three sixteenth inch for galvanized aircraft cable.
- (4))) Factor of safety of suspension means. The suspension means shall have a factor of safety of not less than ((eight)) seven and one-half based on the tension on the rope(s) or chain(s) when raising the carriage and its rated load. In no case shall the rated breaking strength of the rope(s) or chain(s) be less than four thousand pounds.
- (((5) Arc of contact of suspension means on sheaves and sprockets. The arc of contact of a wire rope on a traction sheave shall be sufficient to produce adequate traction under all load conditions. The arc of contact of a chain with a driving sprocket shall be not less than one hundred forty degrees.
- (6))) (3) Idle turns of ropes on winding drums. All wire ropes anchored to a winding drum shall have not less than one full turn of rope on the drum when the car or counterweight has reached its limit of possible overtravel.
- (((7))) (4) Lengthening, splicing, repairing, or replacing suspension means. No car or counterweight wire rope shall be lengthened or repaired by splicing broken or worn suspension chains shall not be repaired. If one wire rope or a chain of a set is worn or damaged and requires replacement, the entire set of ropes or chains shall be

replaced. In the event that a worn chain is replaced, the drive sprocket shall also be replaced.

(((8))) (5) Securing ends of suspension ropes in winding drums. The winding-drum ends of car and counterweight wire ropes shall be secured by clamps on the inside of the drum or by one of the methods specified in subsection (((9))) (6) of this section for fastening wire ropes to car or counterweight.

(((9))) (6) Fastening of rope suspension means to cars and counterweights. The car or counterweight ends of wire ropes shall be fastened by return loop, by properly made individual tapered babbitted sockets or by properly attached fittings as recommended by wire rope manufacturers. Clamps of the U-bolt type shall not be used.

Tapered babbitted rope sockets and the method of babbitting shall conform to the requirements of ANSI A17.1. The diameter of the hole in the small end of the socket shall not exceed the nominal diameter of the rope by more than three thirty-seconds of an inch.

AMENDATORY SECTION (Amending Order 86-11, filed 1/10/86)

WAC 296-94-240 ((Track(s)/)) Guide(s) supporting structure. All supporting structures shall meet the local building codes.

### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 296-94-250 Means of egress.

Chapter 296-86 WAC
REGULATIONS AND FEES FOR FREIGHT AND
PASSENGER ELEVATORS, MANLIFTS,
DUMBWAITERS, ESCALATORS, MOVING
WALKS, AUTOMOBILE PARKING ELEVATORS,
((AND)) PERSONNEL ELEVATORS, AND OTHER
LIFTING DEVICES

AMENDATORY SECTION (Amending Order 86-5, filed 1/10/86)

WAC 296-86-030 Installation fee for personnel elevators((,)) and material hoists((, and eantilever hoists)). The fee for the installation of each personnel elevator((,)) and material hoist((, and cantilever hoist)) shall be \$90.00.

AMENDATORY SECTION (Amending Order 86-5, filed 1/10/86)

WAC 296-86-060 Annual operating permit fees. Fees for annual operation shall be paid in accordance with the following schedule and no operating permit shall be issued for the operation of a conveyance until such fees have been received.

CONVEYANCE	ANNUAL FEE
Each hydraulic elevator Each cable elevator	\$ 70.00 90.00 plus \$7.00 for
	each hoistway opening
•	in excess of two.
Each cable elevator traveling	III CACCSS OF TWO.
more than 25 ft.	10.00 for each 25 ft.
without opening of	
Each sidewalk freight elevator	
Each hand power freight elevator	
Each hand power manlift	45.00
Each incline ((lift)) elevator in other than a	
private residence	(( <del>70.00</del> )) 90.00
Each belt manlift	
Each boat launching elevator	
Each auto parking elevator	
Each escalator	
Each moving walk	
Each dumbwaiter in other than a private residence	
Each people mover	
Each stair lift in other than a private residence	
Each wheel chair lift in other than a private	
residence	45.00
Each personnel elevator	70.00
Each material hoist	70.00
((Each cantilever hoist	<del> 70.00</del> ))
Each inclined stairway chair lift in	
private residence	
Each inclined wheelchair lift in private residence	
Each vertical wheelchair lift in private residence	
Each inclined elevator at a private residence	
Each dumbwaiter in private residence	
Each private residence elevator	<u>45.00</u>
Each private residence elevator installed with	=0.00
variance in other than a private residence	<u>70.00</u>

# AMENDATORY SECTION (Amending Order 88-18, filed 9/15/88)

### WAC 296-81-007 National Elevator Code adopted.

- (1) The American National Standard Safety Code for Elevators, Dumbwaiters, Escalators and Moving Walks, American National Standards Institute A17.1, as amended or revised through 1971, is adopted as the standards in this state for elevators, dumbwaiters, escalators, and moving walks installed from February 25, 1972, through June 30, 1982.
- (2) The American National Standard Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks, ANSI A17.1, 1981 edition, is adopted as the standard for elevators, dumbwaiters, escalators, and moving walks installed on or after July 1, 1982 through January 9, 1986.
- (3) The American National Standard Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks, ANSI A17.1, 1984 edition is adopted as the standard for elevators, dumbwaiters, escalators, and moving walks installed on or after January 10, 1986, with the exception of ANSI A17.1, part XIX. For all elevators, dumbwaiters, escalators, and moving walks installed on or after November 1, 1988, the requirements of ANSI A17.1, 1984 edition apply, with the exception of ANSI A17.1, part XIX and ANSI A17.1, part II, Rule 211.3b, which is replaced by WAC 296-81-275.
- (4) The American National Standard Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks, ANSI A17.1, 1987 edition is adopted as the standard for elevators, dumbwaiters, escalators, and moving walks

installed on or after January 1, 1989, with the exception of ANSI A17.1, part XIX, and ANSI A17.1, part II, Rule 211.3b, which is replaced by WAC 296-81-275.

(5) The American National Standard Safety Code for Elevators, Dumbwaiters, Escalators, and Moving Walks, ANSI A17.1, 1990 Edition is adopted as the standard for elevators, dumbwaiters, escalators, and moving walks installed on or after July 1, 1992, with the exceptions of ANSI A17.1, Part XIX, and ANSI A17.1, Part V, Section 513, which is replaced by chapter 296-94 WAC.

AMENDATORY SECTION (Amending Order 73-1, filed 4/16/73)

WAC 296-81-240 Valves. A shut-off valve shall be installed in the pit or the machine room, whichever is lower, on all hydraulic elevators. (For new installations.)

AMENDATORY SECTION (Amending Order 88-18, filed 9/15/88)

wac 296-81-275 Smoke detectors. Phase I recall shall be provided for all elevators with fully automatic open and close power operated doors, and shall be activated from, but not limited to, alarm devices in the elevator equipment room(s) and lobbies or areas adjacent to hoistways. Elevator equipment room smoke detector and alarm devices on designated level may cause all cars to return to the alternate level. Smoke detectors may be installed in any hoistway, and shall be installed in hoistways that are sprinkled. Devices for deactivating recall shall be secure from tampering and shall be accessible to fire, inspection, and elevator service personnel only. Owner-designated patient express and emergency hospital service elevators may have a manual control in the car for use by authorized patient care personnel. When activated, it shall preclude Phase I recall.

AMENDATORY SECTION (Amending Order 88-27, filed 12/2/88)

WAC 296-81-277 Method to achieve ANSI A17.1-102.2 (c)4. ANSI A17.1-102.2 (c)4 regarding automatic sprinklers in hoistways and machine rooms states:

"Means shall be provided to automatically disconnect the mainline power supply to the affected elevator prior to the application of water."

Rule 102.2 (c)4 shall be accomplished in the following manner:

- (1) Fixed temperature heat detector(s) (one hundred thirty-five degrees Fahrenheit) shall be provided at the top of the elevator hoistway and within the elevator equipment room to disconnect the mainline power of the elevator prior to the application of water from the sprinkler.
- (2) Heat detectors shall be ceiling mounted and located within eighteen inches of each sprinkler head. Heat detectors shall be an auxiliary function of the elevator equipment only and shall be identified "elevator control only DO NOT TEST."
- (3) Power for the automatic disconnect control circuit shall be derived from the load side of the elevator power main disconnecting means. The disconnect control device shall be located in the elevator equipment room and shall be easily identifiable.

(4) Automatic sprinkler heads installed in elevator pits do not require a power disconnect device but shall be installed in such a way that the water spray pattern shall not spray higher than three feet above the pit floor with a spray pattern directed level and down. A shut-off valve shall be provided in an accessible location with the handle not more than six feet above the floor.

Alternate methods to achieve ANSI A17.1-102.2 (c)4 must receive approval from the Washington state department of labor and industries elevator section prior to installation.

### **NEW SECTION**

WAC 296-81-280 Electric conduit pipes and ducts. Electric conduit, pipes, and ducts may be installed in the upper space of the elevator machine room as long as they are installed above the required seven-foot clearance and they do not interfere with the elevator equipment which also must be installed to allow a seven-foot head clearance.

- (1) Straight through runs of electrical conduit without junction boxes may be installed in this space.
- (2) Pipes and ducts conveying gases, vapor, or liquids may be installed in the space above the machine room provided they are encased in a noncombustible secondary pipe without joints, or a moisture barrier without penetration.
- (3) This rule shall apply to all conveyances with installation permits issued by the department of labor and industries after the effective date of these rules.

### **NEW SECTION**

WAC 296-81-290 Underground hydraulic elevator pipes, fittings, and cylinders. All newly installed underground pressure cylinders and pipes containing hydraulic elevator fluids shall be encased in an outer plastic containment.

- (1) The plastic casing shall be constructed of polyethylene or polyvinyl chloride (PVC). The plastic pipe wall thickness must not be less than .125 inches (3.175 mm). The casing shall be capped at the bottom and all joints must be solvent or heat welded.
- (2) The casing shall be sealed and dry around hydraulic pipe and cylinder to contain any leakage into the ground and to prevent electrolysis to hydraulic pipe and cylinder. Dry sand may be used to stabilize the hydraulic cylinder.
- (3) A one-half inch pipe nipple with a one-way check valve shall be located between the casing and cylinder for monitoring purposes.
- (4) Alternate methods must receive approval from the Washington state department of labor and industries elevator section prior to installation.
- (5) This rule shall apply to all conveyances with installation permits issued by the department of labor and industries on or after the effective date of these rules.

AMENDATORY SECTION (Amending Order 80-26, filed 12/10/80)

WAC 296-81-315 Car interior. The car interior shall ((allow for the turning of a wheelchair. The minimum clear distance between walls or between wall and door, excluding return panels, shall be not less than 68 x 54 inches. Minimum distance from wall to return panel shall be not less

- than 51 inches)) provide space for wheelchair users to enter the car, maneuver within reach of controls and exit the car.
- (1) Doors shall provide (36) inches clear minimum width.
- (2) Cab depth (51) inches minimum from rear wall to return panel, with (54) inches minimum from rear wall to inside face of cab door.
- (3) Cab width of cab for side opening door (68) inches minimum, center opening door cab width (80) inches minimum.

Clearance between car platform sill and edge of hoistway landing sill shall be (1 1/4) inches maximum.

EXCEPTION. Elevators provided in existing schools, institutions, or other buildings specifically authorized by local authorities may have a minimum clear distance between walls or between wall and door including return panels of not less than 54 x 54 inches. Minimum distance from wall to return panel shall be not less than 51 inches.

AMENDATORY SECTION (Amending Order 80-26, filed 12/10/80)

WAC 296-81-320 Car controls. At least one set of controls shall be readily accessible from a wheelchair upon entering an elevator.

The centerline of the alarm button and emergency stop switch shall be at nominal (35) inches and the highest floor buttons no higher than (54) inches from the floor where side approach is provided, (48) inches maximum where forward approach is required. Floor registration buttons, exclusive of border, shall be a minimum of (3/4) inch in size, raised or flush. Visual indication shall be provided to show each call registered and extinguished when call is answered. Depth of flush buttons when operated shall not exceed (3/8) inch.

Markings shall be adjacent to the controls on a contrasting color background to the left of the controls. Letters or numbers shall be a minimum of (5/8) inch high and raised (.030) inch. All control buttons shall be designated by Braille. Applied plates permanently attached shall be acceptable. Emergency controls shall be grouped together at the bottom of the control panel. Symbols as indicated shall be used to assist in readily identifying essential controls (see ANSI A17.1, page 114, Rule 211.1). Controls not essential to the operation of the elevator may be located as convenient.

AMENDATORY SECTION (Amending Order 80-26, filed 12/10/80)

WAC 296-81-325 Car position indicator signal. ((A car position indicator shall be provided above the car operating panel or over the opening of each car to show the position of the car in the hoistway by illumination of the indication corresponding to the landing at which the car is stopped or passing.

Indications shall be on a contrasting color background and a minimum of (1/2) inch in height.)) A visual car position indicator shall be provided above the car control panel or above the door.

- (1) As the car passes or stops at a floor, the corresponding numbers shall illuminate and an audible signal shall sound.
  - (2) Numerals shall be a minimum (1/2) inch high.

- (3) Audible signal shall be no less than (20) decibels with frequency no higher than 1500 Hz.
- (4) An automatic verbal announcement of the floor number may be substituted for the audible signal.

AMENDATORY SECTION (Amending Order 80-26, filed 12/10/80)

WAC 296-81-330 Telephone or intercommunicating system. ((A means to two way communication shall be provided between the elevator and a point-outside the hoistway in accordance with the requirements found in the latest edition of ANSI A17.1. If a telephone is provided, the highest part shall be located a maximum of (54) inches from the floor with a minimum cord length of (36) inches.

Markings or the international symbol for telephones shall be on or adjacent to the control on a contrasting color background. Letters or numbers shall be a minimum of (5/8) inch high and raised (.030) inch. Applied plates permanently attached shall be acceptable.)) An emergency two-way communication system shall be provided between the elevator and a point outside the hoistway that shall comply with ASME/ANSI A17.1-1990, and the following:

- (1) Highest operable part of system shall be a maximum (48) inches from the floor.
- (2) System shall be identified by raised symbol and lettering located adjacent to the device. Characters shall be (5/8) inch to (2) inches high, raised (1/32) inch, upper case, sans serif or simple serif type, and shall be accompanied by Grade 2 Braille.
- (3) If system uses a handset, minimum cord length shall be (29) inches.
- (4) If located in a closed compartment, door shall be operable with one hand, shall not require tight grasping, pinching, or twisting of the wrist, and shall require a maximum force of (5) lbf.
- (5) The emergency communication system shall not require voice communication. (Voice only system is inaccessible to persons with speech or hearing impairments.)

AMENDATORY SECTION (Amending Order 83-37, filed 2/6/84)

WAC 296-81-340 Handrails. A handrail shall be provided on all walls of the car that are not used for normal exits. There shall be a space of one and one-half inches between the wall and the rail. The rail shall be at a nominal height of between thirty-two to thirty-five inches from the floor. The hand grip portion of handrails shall be not less than one and one-quarter inches or more than two inches in width, shall be basically oval or round in cross-section, and shall have smooth surfaces with no sharp corners. Handrails that approach each other or a blank car wall in the interior corners of the car need not be returned to the wall. If the end of the handrail presents an abrupt end on the closing jamb wall to persons entering a car that has a single-slide or two-speed entrance, the handrail end shall be returned to the wall.

AMENDATORY SECTION (Amending Order 80-26, filed 12/10/80)

WAC 296-81-350 Door jam marking. The floor designation shall be provided at each hoistway entrance on both sides of jamb visible from within the car and the elevator lobby at a centerline height of (60) inches above the floor. Designations shall be on contrasting color background (2) inches high and raised (.30) inch, and shall be accompanied by Grade Z Braille. Applied plates permanently attached shall be acceptable.

AMENDATORY SECTION (Amending Order 80-26, filed 12/10/80)

WAC 296-81-370 Effective date. The preceding WAC rules, 296-81-300 through 296-81-365, shall apply to all new passenger elevator installations made after the adoption of these rules.

### **REPEALER**

The following sections of the Washington Administrative Code are repealed:

WAC 296-81-010	Hoistway enclosures.
WAC 296-81-020	Hoistway gates and doors.
WAC 296-81-030	Car enclosures.
WAC 296-81-040	Car doors and gates.
WAC 296-81-050	Brakes.
WAC 296-81-060	Car safeties.
WAC 296-81-070	Overspeed governors.
WAC 296-81-080	Periodic inspections and tests.
WAC 296-81-090	Maintenance inspection and test periods.
WAC 296-81-100	Ropes, rope connections, data and record.
WAC 296-81-110	Electric and electro-hydraulic dumbwaiters.
WAC 296-81-120	Hydraulic elevators.
WAC 296-81-130	Sidewalk elevators.
WAC 296-81-140	Hand power elevators and
	dumbwaiters.
WAC 296-81-150	Car operating and terminal
	stopping devices and electrical
	protective devices.
WAC 296-81-160	Power supply switch.
WAC 296-81-170	Access to machine room and machinery space.
WAC 296-81-180	Capacity posting.
WAC 296-81-190	Illumination.
WAC 296-81-220	Illumination of pits.
WAC 296-81-260	Photo electric or electric eye devices.
WAC 296-81-270	Counterweight pit guards.
WAC 296-81-305	Door operation.
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Chapter 296-95 WAC

ELECTRIC ELEVATORS—DIRECT PLUNGER AND ROPED HYDRAULIC ELEVATORS—ESCALATORS USED TO TRANSPORT PASSENGERS—ELECTRIC AND HAND-POWERED DUMBWAITERS AND

### HAND-POWERED ELEVATORS

### PART I

# HOISTWAYS AND RELATED CONSTRUCTION FOR ELECTRIC AND HYDRAULIC ELEVATORS

### **NEW SECTION**

WAC 296-95-101 Scope. This part is a minimum standard for all existing electric elevators. It applies to other equipment only as referenced in the applicable part.

### **NEW SECTION**

WAC 296-95-110 Hoistway enclosures. (1) Local laws and ordinances shall govern the fire-resistive requirements for the hatchway enclosures.

- (2) Where doors and hoistway enclosures are not required to be fire resistant, the hoistway shall be enclosed with material, which may be solid or with openings that do not exceed 1/2 inch in diameter, to a height of 6 feet above each floor or landing and above the treads of adjacent stairways.
- (3) Enclosures shall be so supported and braced as to deflect not over 1 inch when subjected to a force of 100# applied perpendicularly at any point. Adjacent to the counterweights, the enclosure must extend the full height of the floor and extend 6 inches past the counterweight raceway.

### **NEW SECTION**

WAC 296-95-111 Windows in hoistway enclosures. Every hoistway-window opening ten stories or less above a thoroughfare, and every such window opening three stories or less above a roof of an adjacent building, shall be guarded on the outside by one of the following methods:

- (1) By vertical bars at least 5/8 in. (16 mm) in diameter or equivalent, spaced not more than 10 in. (254 mm) apart, permanently and securely fastened in place;
- (2) By metal-sash windows having solid-section steel muntins of not less than 1/8 in. (3.2 mm) thickness, spaced not more than 8 in. (203 mm) apart.

Exterior hoistway windows shall be identified with 4 in. (102 mm) high letters marked "ELEVATOR."

### **NEW SECTION**

WAC 296-95-113 Pipes conveying gases, vapors, or liquids. All steam and hot water pipes in hoistway shall be covered to prevent direct spray onto elevator car if ruptured as per ANSI A17.1, Rule 102.2.

- (1) All other pipes or ducts currently in the hoistway shall be securely fastened to prevent excessive vibration.
- (2) No future pipes or ducts shall be installed in the hoistway unless they directly pertain to the operation of the elevator.

### **NEW SECTION**

WAC 296-95-115 Access for maintenance. Overhead sheave spaces requiring inspection and maintenance shall be provided with suitable access and decking to provide a safe space for personnel. Where decking does not cover the

complete hoistway, guard rails shall be provided. Support shall be similar to that required for the top of an elevator car and may be made of either wood or metal compatible with the existing hoistway construction. Servicing from the top of the car is permitted if no ladder is required.

### **NEW SECTION**

WAC 296-95-116 Car number designation. In any building with more than one elevator a designating number (not less than two inches in height) shall be located at the door of the main entrance lobby, inside the car, on the machine and on the disconnect switch.

### **NEW SECTION**

WAC 296-95-121 Access to machine rooms and machinery spaces. Access doors to machine rooms and machinery spaces shall be kept closed and locked. The lock shall be of a spring type arranged to permit the door to be opened from the inside without a key.

### **NEW SECTION**

WAC 296-95-122 Lighting. Permanent electric lighting and a grounded outlet shall be provided in all machine rooms and machinery spaces. The illumination shall be not less than 10 footcandles (108 lux) at the floor level.

### **NEW SECTION**

WAC 296-95-123 Service outlets. Service outlets in or on elevator cars, hoistways and machinery spaces shall be of the grounded type.

### **NEW SECTION**

WAC 296-95-124 Pipes conveying gases, vapors, or liquids. (1) All other pipes or ducts currently in the machine rooms and machinery spaces shall be securely fastened to prevent excessive vibration.

(2) No future pipes or ducts shall be installed in the machine rooms and machinery spaces.

### **NEW SECTION**

WAC 296-95-125 Protection from weather. Elevator machines and control equipment shall be protected from the weather.

### **NEW SECTION**

WAC 296-95-126 Guards. Gears, sprockets, sheaves, cables, tapes, belts and chains shall be fitted with suitable guards to prevent accidental contact as is practical. Openings in machine room floors above the hoistway shall be guarded to prevent common tools from falling into the hoistway below. Ventilation grids where exposed to the hoistway below shall be firmly bolted or secured to prevent accidental removal and shall be fitted with 1/2 inch wire mesh under the grid.

### **NEW SECTION**

WAC 296-95-130 Access to pits. Means of access for authorized personnel shall be provided to all pits. Access doors, if provided, shall be kept closed and locked. Access ladders shall be installed in elevator pits 4 feet and deeper.

### **NEW SECTION**

WAC 296-95-131 Drains. Drains connected directly to sewers shall not be provided in pits. Sumps, with or without pumps, are permitted.

### **NEW SECTION**

WAC 296-95-132 Illumination of pits. A permanent lighting fixture shall be provided in all pits which shall provide an illumination of not less than 5 footcandles at the pit floor. A light switch shall be provided and shall be so located as to be accessible from the pit access door. A permanent grounded outlet shall be provided in all pits.

### **NEW SECTION**

WAC 296-95-133 Counterweight pit guards. (1) Where practicable, unperforated metal guards shall be installed in the pit on the open side or sides on all counterweights where spring or solid-type buffers are used or where oil buffers attached to the counterweight are used.

EXCEPTION: Where compensating chains or ropes are attached to the counterweight the guard may be omitted on the side facing the elevator car to which the chains or ropes are attached.

(2) Design, construction and location of guards. Guards shall extend from a point not more than 12 in. above the pit floor to a point not less than 7 feet nor more than 8 feet above such floor, and shall be fastened to a metal frame properly reinforced and braced to be at least equal in strength and stiffness to No. 14 U.S. gauge sheet steel.

### **NEW SECTION**

WAC 296-95-140 Spaces below hoistways. Where the space below the hoistway is not permanently secured against access, the following requirements shall be conformed to:

- (1) Counterweights shall be provided with safeties.
- (2) The cars and counterweight shall be provided with spring or oil buffers.
- (3) Car and counterweight buffer supports shall be of sufficient strength to withstand without permanent deformation the impact resulting from buffer engagement at the following speeds:
- (a) Governor tripping speed where the safety is governor operated;
- (b) 125% of the rated speed where the safety is not governor operated.

### **NEW SECTION**

WAC 296-95-150 Doors or gates required. (1) Passenger elevators. Hoistway landing openings for passenger elevators shall be provided with entrances which guard the full width and the height of the openings.

The panels of entrances used with automatic-operation passenger elevators shall have no hand latches or other hand operated door fastening devices, nor shall such panels have any handles or knobs on the hoistway side.

(2) Freight elevators. Hoistway landing openings for freight elevators shall be provided with entrances which guard the full width of the opening.

Gates and doors shall conform to the following requirements:

Balanced type vertically sliding hoistway gates shall extend from a point not more than 2 inches from the landing threshold to a point not less than 66 inches above the landing threshold. Gates shall be solid or shall be openwork of a design to reject a ball 2 inches in diameter and shall be so located that the distance from the hoistway face of the gate to the hoistway edge of the landing sill shall be not more than 2 1/2 inches. Gates shall be constructed of metal or wood and shall be so designed and guided that they will withstand a lateral pressure of 100# applied at approximately their center without breaking or being permanently deformed and without displacing the gate from its guides or tracks.

At the top landing a gate 66 in. (1.65 m) high may be used if there is not sufficient clearance for a 6 ft. (1.83 m) high gate. When the requirements of WAC 296-95-110 allow nonfire-resistive hoistway enclosures, a gate may be used. The door or gate may have a maximum 2 in. (51 mm) vertical opening between the landing sill and the door or gate. Openings in gates shall reject a ball 2 in. (51 mm) in diameter.

A gate made in two or more sections which overlap that slides or telescopes may be used provided that the openings shall reject a ball 3/8 in. (9.5 mm) in diameter.

### **NEW SECTION**

WAC 296-95-151 Closing of hoistway doors. (1) Horizontally sliding doors of automatic-operation elevators shall be provided with door closers arranged to close an open door automatically if the car for any reason leaves the landing zone.

- (2) Horizontal swinging single or center-opening doors of automatic-operation elevators shall be self-closing.
- (3) Door closers are not required for the swinging portion of combination horizontally sliding and swinging doors.

### **NEW SECTION**

WAC 296-95-152 Hoistway door vision panels. Manually operated or self-closing hoistway doors of the vertically or horizontally sliding type, for elevators with automatic or continuous-pressure operation, shall be provided with a vision panel except at landings of automatic-operation elevators where a hall position indicator is provided. In multisection doors, the vision panel is required in one section only, but may be placed in all sections. All horizontally swinging doors shall be provided with vision panels. Vision panels may be provided for any type of hoistway door irrespective of the type of operation of the elevator. Where provided, they shall conform to the following:

(1) The area of any single vision panel shall be not less than 25 in. squared (0.016 m squared), and the total area of

one or more vision panels in any hoistway door shall be not more than 80 in. squared (0.051 m squared).

- (2) Each clear panel opening shall reject a ball 6 in. (152 mm) in diameter.
- (3) Muntins used between panel sections shall be of noncombustible material and of substantial construction. If located on the landing side, they shall be flush with the surface of the landing side of the door.
- (4) Panel openings shall be glazed with clear wire glass not less than 1/4 in. (6.3 mm) thick.
- (5) The center of the panel shall be located not less than 54 in. (1.37 m) nor more than 66 in. (1.68 m) above the landing; except that for vertically sliding biparting counterbalanced doors, it shall be located to conform with the dimensions specified insofar as the door design will permit.
- (6) The vision panels in horizontally swinging doors shall be located for convenient vision when opening the door from the car side.
- (7) Wire-glass panels in power-operated doors shall be substantially flush with the surface of the landing side of the door.
- (8) Vision panel frames shall be secured by means of nonreversible screws or other tamper proof fasteners.
- (9) Vision panels which do not meet the requirements of subsections (1) through (8) of this section shall be protected by protective grilles made of number 15 gage stainless or galvanized steel in accordance with the following specifications:
- (i) Grilles shall be sized to fit within or over the vision panel frame and completely cover the vision panel opening in the hoistway door.
- (ii) Grilles shall be secured by means of nonreversible screws or other tamper proof fasteners.
- (iii) Grilles shall contain openings which shall not be larger than 3 in. (19.1 mm) by 3/4 in. (19.1 mm) or 3 in. (19.1 mm) in diameter. Such openings shall be spaced at 1 in. (25.4 mm) center to center.
  - (iv) All edges shall be free of burrs and beveled.
- (v) Grilles shall be installed on the hoistway side of the door.

### **NEW SECTION**

WAC 296-95-153 Door hangers. Door hangers for horizontal slide type entrances shall conform to the following:

- (1) Means shall be provided to prevent the hangers from jumping the track.
- (2) Stops shall be provided in the entrance assembly to prevent hangers from overrunning the end of the track.
- (3) For power-operated doors, they shall be constructed to withstand, without damage or appreciable deflection, an imposed static load equal to four times the weight of each panel as applied successively downward and upward at the vertical center-line of the panel.

### **NEW SECTION**

WAC 296-95-154 Nonshearing astragals. On a vertically sliding, biparting, counterbalanced hoistway door, a fire-resistive, nonshearing, and noncrushing member of either the meeting or overlapping type shall be provided on

the upper panel to close the distance between the rigid door sections when in contact with the stops. Rigid members which overlap the meeting edge, and center-latching devices are prohibited.

### **NEW SECTION**

WAC 296-95-155 Pull straps. (1) Manually operated vertical slide biparting entrances of elevators which can be operated from the landings shall be provided with pull straps on the inside and outside of the upper panel where the lower edge of the upper panel is more than 6 ft. 6 in. (1.98 m) above the landing when the panel is in the fully open position.

- (2) The length of the pull straps shall conform to the following:
- (a) The bottom of the strap shall be not more than 6 ft. 6 in. (1.98 m) above the landing when the panel is in the fully opened position.
- (b) The length of the strap shall not be extended by means of ropes or other materials.

Where pull straps are provided on the car side of doors of elevators which can be operated from the car only, the length of the pull straps shall conform to the requirements specified in subsection (2) of this section.

### **NEW SECTION**

WAC 296-95-156 Landing sill clearance. The clearance between the car-platform sill and the hoistway edge of any landing sill, or the hoistway side of any vertically sliding counterweighted, or of any vertically sliding counterbalanced biparting hoistway door, shall be not less than 1/2 in. (13 mm) where side car guides are used, and not less than 3/4 in. (19 mm) where corner car guides are used. The maximum clearance shall be not more than 1-1/2 in. (38 mm).

### **NEW SECTION**

WAC 296-95-157 Threshold clearance. The maximum dimension from the hoistway door or gate face to the hoistway edge of the threshold shall not exceed 2-1/4 inches.

### **NEW SECTION**

WAC 296-95-158 Floor numbers. Elevator hoistways shall have floor numbers, not less than 4 inches in height, placed on the walls and/or doors of hoistways at intervals such that a person in a stalled elevator upon opening the car door 4 inches could determine the floor position.

### **NEW SECTION**

WAC 296-95-160 Hoistway door or gate locking devices. (1) Interlocks required for passenger elevators. Hoistway doors or gates for passenger elevators shall be equipped with hoistway-unit system hoistway-door interlocks.

(2) Interlocks required for freight elevators. Hoistway doors or gates for freight elevators shall be equipped with hoistway-unit system hoistway-door interlocks, or an

approved type combination electric contact and mechanical lock.

(3) Location of locking devices. Combination locks and electric contacts, or interlocks shall be so located that they are not accessible from the landing side when the hoistway doors or gates are closed.

### **NEW SECTION**

- WAC 296-95-161 Elevator parking device. (1) Parking devices required. Elevators that are operated from within the car only shall have elevator parking devices installed at every landing that is equipped with an unlocking device. On elevators that are not operated from within the car only, an elevator parking device shall be provided at one landing and may be provided at other landings. This device shall be located at a height not greater than 6 ft. 11 in. (2.11 m) above the floor. Parking devices are not required for elevators having hoistway doors which are automatically unlocked when the car is within the landing zone.
- (2) General design requirements. Parking devices shall conform to the following requirements:
  - (a) They shall be mechanically or electrically operated.
- (b) They shall be designed and installed so that friction or sticking or the breaking of any springs used in the device will not permit opening or unlocking a door when the car is outside the landing zone of that floor.
- (c) Springs, where used, shall be of the restrained compression type which will prevent separation of the parts in case the spring breaks.

### **NEW SECTION**

WAC 296-95-162 Access to hoistway. Hoistway door unlocking devices or hoistway access switches shall be provided on elevators having hoistway doors which are unlocked when closed with car at landing, or locked but openable from the landing by means effective only when the car is in the landing zone. Hoistway door unlocking devices may be provided at all landings for emergency purposes.

- (1) Hoistway door unlocking devices. Hoistway door unlocking devices shall conform to the following:
- (a) The device shall unlock and permit the opening of the hoistway door from the access landing irrespective of the position of the car.
- (b) The device shall be designed to prevent unlocking the door with common tools.
- (c) The operating means for unlocking the door shall be available to and used only by inspectors, elevator maintenance and repair personnel, and qualified emergency personnel.
- (d) The unlocking-device keyway shall be located at a height not greater than 6 ft. 11 in. (2.11 m) above the floor.
- (2) Hoistway access switches. Hoistway access switches shall conform to the following:
- (a) The switch shall be installed only at the access landings.
- (b) The switch shall be installed adjacent to hoistway entrance at the access landing with which it is identified.
- (c) The switch shall be of the continuous-pressure spring-return type, and shall be operated by a cylinder-type lock having not less than five-pin or five-disk combination with the key removable only when the switch is in the

- "OFF" position. The lock shall not be operable by any key which will operate locks or devices used for other purposes in the building. The key or combination shall be available to and used only by inspectors and elevator maintenance and repair personnel.
- (d) The operation of the switch at either access landing shall permit, and may initiate and maintain, movement of the car with the hoistway door at this landing unlocked or not in the closed position, and with the car door or gate not in the closed position, subject to the following:
- (i) The operation of the switch shall not render ineffective the hoistway door interlock or electric contact at any other landing.
- (ii) The car cannot be operated at a speed greater than 150 fpm (0.76 m/s).
- (iii) For automatic and continuous-pressure operation elevators, provided:
- (A) Landing operating devices of continuous-pressure operation elevators, and car and landing operating devices of automatic operation elevators shall first be made inoperative by means other than the access switch;
- (B) Power operation of the hoistway door and/or car door or gate is inoperative.
- (iv) Automatic operation by a car-leveling device is inoperative.
- (v) The top-of-car operating device (see WAC 296-95-270) is inoperative.
- (vi) The movement of the car initiated and maintained by the upper access switch shall be limited in the down direction to a travel not greater than the height of the car crosshead above the car platform, and limited in the up direction above the upper access landing to the distance the car apron extends below the car platform.

Where electrically operated switches, relays, or contactors are used to render inoperative the hoistway-door interlock or electric contact or the car door or gate electric contact, the control circuits shall be arranged to conform to the requirements of WAC 296-95-222 and in addition, to render the normal car and hall operation ineffective if any such switch, relay, or contactor fails to function in the intended manner.

### **NEW SECTION**

WAC 296-95-165 Reopening device for poweroperated car doors or gates. Where required a poweroperated car door or gate shall be provided with a reopening device which will function to stop and reopen the car door or gate and the adjacent hoistway door in the event that the car door or gate is obstructed while closing. If the closing kinetic energy is reduced to 2-1/2 ft-lbf (3.39 J) or less, the reopening device may be rendered inoperative (see WAC 296-95-162 (2)(d)(i)).

For center-opening doors or gates, the reopening device shall be so designed and installed that the obstruction of either door or gate panel when closing will cause the reopening device to function.

### **NEW SECTION**

WAC 296-95-166 Photo electric or electric eye devices. An elevator equipped with a photo electric or electric eye device for reopening of the car and hoistway doors shall be provided with a means that will automatically bypass the light ray if obstruction of the light ray for approximately 20 seconds has prevented the doors from closing. The light ray shall not be reestablished until the doors have fully closed.

EXCEPTION: (1) Upon a sufficient showing of need by a hospital or a nursing home, the department may authorize an automatic bypass means that will cause the doors to close within 35 seconds after the expiration of the normal door open time.

(2) When smoke detectors are used to bypass photo electric or electric eye devices in accordance with ANSI A17.1-211.3A.

### **NEW SECTION**

WAC 296-95-200 Scope. This part is a minimum standard for all existing electric elevators. It applies to other equipment only as referenced in the applicable part.

### **NEW SECTION**

WAC 296-95-203 Buffers and bumpers. Car and counterweight buffers or bumpers shall be provided. Solid bumpers may be used in lieu of buffers:

- (1) Where the rated speed is 50 fpm (0.25 m/s) or less; or
  - (2) Where Type C safeties are used.

### **NEW SECTION**

WAC 296-95-205 Counterweights. On rod type counterweights, the rod nuts shall be cotter-pinned and the tie rods shall be protected so that the head weight cannot crush the tie rods on buffer engagement.

The weights shall be protected so that they cannot be dislodged.

Compensating chains or ropes shall be fastened to the counterweight frame directly or to a bracket fastened to the frame and shall not be fastened to the tie rods.

### **NEW SECTION**

WAC 296-95-206 Car platforms. Every elevator car shall have a platform consisting of a nonperforated floor attached to a platform frame supported by the car frame, and extending over the entire area within the car enclosure. Holes in the floor for the safety plank wrench, etc., shall be covered and secured. The platform frame members and the floor shall be designed to withstand the forces developed under the loading conditions for which the elevator is designed and installed.

### **NEW SECTION**

WAC 296-95-207 Platform guards (aprons). The entrance side of the platform of passenger and freight elevators equipped with leveling devices or truck-zoning devices shall be provided with smooth metal guard plates of

- not less than 0.0598 in. (1.519 mm) thick steel, or material of equivalent strength and stiffness, adequately reinforced and braced to the car platform and conforming to the following:
- (1) It shall extend not less than the full width of the widest hoistway door opening.
- (2) It shall have a straight vertical face, extending below the floor surface of the platform, of not less than the depth of the leveling of truck zone, plus 3 in. (76 mm).
- (3) If new guards are installed, the lower portion of the guard shall be bent back at an angle of not less than 60° nor more than 75° from the horizontal.
- (4) The guard plate shall be securely braced and fastened in place to withstand a constant force of not less than 150 lbf (667 N) applied at right angles to and at any position on its face without permanent deformation.

### **NEW SECTION**

WAC 296-95-208 Hinged platform sills. Hinged platform sills, where provided, shall be provided with electric contacts which will prevent operation of the elevator by the normal operating device unless the hinged sill is within 2 in. (51 mm) of its fully retracted position.

The elevator may be operated by the leveling device in the leveling zone with the sill in any position.

### **NEW SECTION**

WAC 296-95-209 Floating (movable) platforms. Floating (movable) platforms which permit operation of the elevator when the car door or gate is not in the closed position are prohibited.

### **NEW SECTION**

WAC 296-95-215 Car enclosures. Car enclosures for freight and passenger cars shall conform with the following:

- (1) Freight elevator cars shall be enclosed to a height of at least 6 ft. from the floor on all sides, where there are no hoistway doors or gates, with solid panel or openwork which will reject a 2-inch ball. On the side of the car adjacent to the counterweight runway and extending 6 inches each side of the counterweight runway, the enclosure shall extend to the car top or underside of car crosshead. Overhead protection of solid or openwork material: If openwork, it shall reject a 1-1/2 inch ball and shall be sufficiently strong to support 300# applied at any point. Simultaneous application of these loads is not required. Suitable overhead protection may be installed directly over the area where the operator runs the controls, providing the overhead protection covers sufficient area for safe protection of operator.
- (2) Passenger elevator cars shall be fully enclosed on all sides and the top, except the opening for entrances. It shall be of metal or wood in conformity with the local fire regulations. The car top shall be capable of sustaining a load of 300# applied at any point. Simultaneous application of these loads is not required.

### **NEW SECTION**

- WAC 296-95-216 Material for passenger car enclosure. Material for passenger car linings shall comply with the following:
- (1) Carpeting without padding may be used for interior finishes provided it shall have a Class I rating, flame spread of 25 or less which must include all the components of assembly other than the adhesive. The adhesive shall be a slow-burning type;
- (2) Slow-burning combustible materials other than carpet may be used for interior finishes provided they have a Class II rating or better (flame spread of 75 or less), which must include all components of assembly other than the adhesive. Materials shall be firmly bonded flat to the enclosure and shall not be padded. Fabric materials with spray-type fireproofing shall not be installed in elevators.

Equivalent ratings in watts per centimeter squared as derived in the radiant panel test are also acceptable.

- .45 watts/cm squared or higher is equivalent to Class I or better.
- .22 watts/cm squared or higher is equivalent to Class II or better.

In the radiant test, the higher the number the better the resistivity to flame. In the Class I and II system, the lower the number, the better the resistivity to flame.

Smoke density of materials shall be less than 450 when tested in accordance with UBC Standard No. 42-1; and

(3) Certification that the materials and assembly meet these requirements shall be submitted to the building official.

### **NEW SECTION**

WAC 296-95-220 Car doors and gates. (1) Car doors or gates shall be required at each entrance to the elevator car.

- (2) Car doors or gates may be horizontal or vertical sliding.
- (3) Gates, except collapsible, may be solid or may be openwork of a design to reject a ball 2 inches in diameter. Gates shall be constructed of metal or wood and shall be so designed that they will withstand a lateral pressure of 100# applied at approximately their center without breaking or being permanently deformed and without displacing the gate from its guides or tracks.
- (4) Collapsible gates shall reject a 3-inch diameter ball when fully extended (closed position) when installed on passenger cars and shall reject a 4-1/2 inch ball when fully extended (closed position) when installed on freight cars. Such gates shall not be power-opened for more than one-third of their clear opening distance or for a maximum power opening distance not to exceed 10 inches. Collapsible gates shall have at least every fourth vertical member guided at the top and every second vertical member guided at the bottom.
- (5) Handles of manually operated collapsible gates nearest the car operating device on elevators operated from the car only shall be so located that the nearest handle is not more than 48 in. (1.22 m) from the car operating device when the gate is closed (extended position), and not more than 48 in. (1.22 m) above the car floor. Gate handles shall be provided with finger guards.

- (6) Car doors and gates when in the fully closed position shall conform to the following:
- (a) For passenger cars they shall protect the full width and height of the car entrance opening provided that vertically sliding gates may extend from a point not more than 1 inch above the car floor to a point not less than 6 ft. above the floor.
- (b) For freight elevators they shall protect the full width of the car entrance opening. Car doors shall extend from the car floor to a height of not less than 6 ft. above the car floor. Vertically sliding gates shall extend from a point not more than 1 inch above the car floor to a point not less than 6 ft. above the car floor.
- (7) Car doors and gates of electric and electro-hydraulic elevators shall be equipped with approved car door or gate electric contacts which will prevent operation of the elevator by the normal operating device unless the car door or gate is in the closed position.

### **NEW SECTION**

WAC 296-95-221 Location of car doors and gates. All elevators, except freight elevators equipped with horizontally swinging doors which are not accessible to the general public and located in factories, warehouses, garages, and similar buildings, shall conform to the following requirements:

- (1) Location. Doors or gates for automatic or continuous-pressure operation elevators shall be so located that the distance from the face of the car door or gate to the face of the hoistway door shall be not more than the following:
- (a) Where a swinging-type hoistway door and a car gate are used, 4 in. (102 mm);
- (b) Where a swinging-type hoistway door and a car door are used, 5-1/2 in. (140 mm);
- (c) Where a sliding-type hoistway door and a car gate or door are used, 5-1/2 in. (140 mm).
- (2) Measurement of distances. The distances specified shall be measured as follows:
- (a) Where a multisection car door and multisection hoistway door are used or where one of these doors is multisection and the other is single section, between the sections of the car door and the hoistway doors nearest to each other;
- (b) Where a multisection car door and a swinging-type hoistway door are used, between the hoistway door and the section of the car door farthest from it. Where space conditions require the use of three speed car doors, the distance shall be measured from the intermediate speed panel;
- (c) Where a car gate is used, between the car gate and the section of the hoistway door nearest to the car gate.
- (3) Space guards. Where existing distances are greater than specified by subsections (1) and (2) of this section, a space guard of sheet metal shall be provided, attached to the hoistway door and/or car door. The guard is to be mounted to the door by a tamper-proof means. The bottom of the guard shall be not less than 1/8 in. (3.2 mm) nor more than 1/2 in. (13 mm) from the edge of the sill and shall be not more than 1/2 in. (13 mm) above the sill. The face of the guard shall run vertically not less than 40 in. (1.01 m) nor

more than the height of the lower edge of the vision panel. The guard shall extend the full width of the door. The top of the guard shall be inclined toward the face of the door at an angle of not less than 60° nor more than 75° from the horizontal. Exposed edges shall be beveled or rolled to eliminate sharp edges. The guard shall be sufficiently rigid or reinforced to prevent collapsing or denting. Mounting of the guard shall have proper clearances at the bottom and sides to permit easy closing of the door and shall not interfere with the self-closing. On multisection horizontally sliding doors only the leading or fast panel shall be fitted with the space guard. For swinging doors, the sides of the guard shall be closed if the depth exceeds 5 in. (127 mm). (See also Appendix A.)

- (4) Sight guards. On horizontally sliding hoistway doors where existing clearances are greater than specified by subsections (1) and (2) of this section, a vertical sight guard shall be mounted to the leading edge of the hoistway door. The sight guard shall be mounted with a vertical clearance of not more than 1/2 in. (13 mm) to the sill, to a height of not less than 6 ft. (1.8 m) and shall project from the door, a distance to not more than 1/2 in. (13 mm) nor less than 1/8 in. (3.2 mm) from the hoistway edge of the sill. (See also Appendix A.)
- (5) Devices for making hoistway door interlocks or electric contacts, or car door or gate electric contacts inoperative. Devices other than those specified below shall not be provided to render hoistway door interlocks, the electric contacts of hoistway door combination mechanical locks and electric contacts, or car door or gate electric contacts inoperative:
  - (a) Leveling devices;
  - (b) Truck-zoning devices;
  - (c) Hoistway access switch.

Existing devices which do not conform to the above shall be removed.

### **NEW SECTION**

WAC 296-95-222 Control and operating circuit requirements. The failure of any single magnetically operated switch, contactor, or relay to release in the intended manner, or the occurrence of a single accidental ground, shall not permit the car to start or run if any hoistway door interlock is unlocked or if any hoistway door or car door or gate electric contact is not in the closed position.

### **NEW SECTION**

WAC 296-95-225 Emergency exits. (1) Top emergency exits. Cars provided with a car top emergency exit. Top emergency exit covers shall be hinged or otherwise attached to the car top so that the cover can be opened from the top of the car only and opens outward.

The exit cover of the lower compartment of a multideck elevator car shall be openable from either compartment.

(2) Side emergency exits. Side emergency exit doors or panels, where provided, shall have a lock arranged so that the door may be opened from the inside of the car only by a special shaped removable key and outside the car by means of a nonremovable handle. All side emergency car exits shall be equipped with electric contacts to prevent the

movement of the car if the exit door or panel is not closed. Side emergency exit door panels shall open only into the car.

### **NEW SECTION**

WAC 296-95-226 Car illumination. (1) Interiors of cars shall be provided with an electric light or lights. Not less than two lamps shall be provided.

- (2) The minimum illumination at the car threshold, with the door closed, shall not be less than:
  - (a) For passenger elevators: 5 ftc (54 lx);
  - (b) For freight elevators: 2-1/2 ftc (27 lx).
- (3) Light control switches are not required, but if provided they shall be located in or adjacent to the operating device in the car. In elevators having automatic operation, they shall be of the key-operated type or located in a fixture with a locked cover.
- (4) Top of car light fixtures shall be provided with a nonkey-operated switch in or adjacent to the fixture.

### **NEW SECTION**

WAC 296-95-227 Car safeties. The car of every elevator suspended by wire ropes shall be provided with car safeties. The safety device shall be capable of stopping and sustaining the entire car with its rated load in the event of cable severance or overspeed. There shall be a switch provided on the car actuated by the setting of the safeties that will remove the electric power from the driving machine motor and brake. Car safety devices (safeties) are identified and classified on the basis of performance characteristics after the safety begins to apply pressure on the guide rails.

- (1) Type A safeties. Safeties which develop a rapidly increasing pressure on the guide rails during the stopping interval, the stopping distance being very short due to the inherent design of the safety. The operating force is derived entirely from the mass and the motion of the car or the counterweight being stopped. These safeties apply pressure on the guide rails through eccentrics, rollers, or similar devices without any flexible medium purposely introduced to limit the retarding force and increase the stopping distance.
- (2) Type B safeties. Safeties which apply limited pressure on the guide rails during the stopping interval, and which provide stopping distances that are related to the mass being stopped and the speed at which application of the safety is initiated. Retarding forces are reasonably uniform after the safety is fully applied. Continuous tension in the governor rope may or may not be required to operate the safety during the entire stopping interval. Minimum and maximum distances are specified on the basis of governor tripping speed.
- (3) Type C safeties (Type A with oil buffers). Safeties which develop retarding forces during the compression stroke of one or more oil buffers interposed between the lower members of the car frame and a governor-operated Type A auxiliary safety plank applied on the guide rails. The stopping distance is equal to the effective stroke of the buffers.
- (4) Type G safeties. Safeties similar to Type B except having a gradually increasing retarding force. This safety may be either of the wedge clamp type or the flexible guide

clamp type applied by a cable which unwinds a drum below the car floor.

(5) Slack rope safeties that are actuated by the slackening or breaking of the hoisting ropes. This type of safety is not actuated by an overspeed governor.

### **NEW SECTION**

WAC 296-95-228 Maximum permissible movement of governor rope to operate the safety mechanism. For all Type B safeties the movement of the governor rope relative to the car or the counterweight, respectively, required to operate the safety mechanism from its fully retracted position to a position where the safety jaws begin to exert pressure against the guide rails shall not exceed the following values based on rated speed:

- (1) For car safeties:
- (a) 200 fpm (1.02 m/s) or less: 42 in. (1.07 m);
- (b) 201 fpm (1.03 m/s) to 375 fpm (1.91 m/s); 36 in. (914 mm);
  - (c) Over 375 fpm (1.91 m/s): 30 in. (762 mm).
- (2) For counterweight safeties: 42 in. (1.07 m) for all speeds.

Drum-operated car and counterweight safeties, requiring continual unwinding of the safety drum rope to fully apply the safety, shall be so designed that not less than three turns of the safety rope will remain on the drum after the overspeed test of the safety has been made with rated load in the car.

### **NEW SECTION**

WAC 296-95-229 Rail lubricants and lubrication plate. Rail lubricants or coatings which will reduce the holding power of the safety or prevent its functioning as required shall not be used.

A metal plate shall be securely attached to the car crosshead in an easily visible location and, where lubricants are to be used, shall carry the notation, "CONSULT MANUFACTURER OF THE SAFETY FOR THE CHARACTERISTICS OF THE RAIL LUBRICANT TO BE USED." If lubricants are not to be used, the plate shall so state.

If lubricants other than those recommended by the manufacturer are used, a safety test should be made to demonstrate that the safety will function as required.

### **NEW SECTION**

WAC 296-95-235 Governors. A speed governor or inertia trip safety or a slack cable operated safety shall be installed on all elevators and shall be so designed that it will actuate the car safeties before the car attains a speed of one hundred forty percent of the rated speed. Governor ropes shall be not less than 3/8 inch in diameter, if iron or steel rope, and not less than 3/4 inch manila rope. Tiller rope shall not be used.

### **NEW SECTION**

WAC 296-95-236 Speed governor overspeed and car safety mechanism switches. A switch shall be provided on the speed governor and operated by the overspeed action of the governor when used with Type B and C car safeties of

elevators having a rated speed exceeding 150 fpm (0.76 m/s). A switch shall be provided on the speed governor when used with a counterweight safety for any car speed. For static control, an overspeed switch shall be provided regardless of rated speed and shall operate in both directions of travel.

These switches shall, when operated, remove power from the driving-machine motor and brake before or at the time of application of the safety.

Switches used to perform the function specified shall be positively opened and remain open until manually reset. Switches operated by the car safety mechanism shall be of a type which will not reset unless the car safety mechanism has been returned to the off position.

### **NEW SECTION**

WAC 296-95-240 Minimum rated load for passenger elevators. The rated load in pounds (kilograms) for passenger elevators shall be based on the inside net platform areas, and shall be not less than shown in the table below.

The inside net platform areas shall be determined as shown in Appendix A which shows the maximum inside net platform areas for the various common rated loads. If other rated loads are used, they shall be not less than as follows:

- (1) For an elevator having an inside net platform area of not more than 50 ft. squared (4.65 m squared), W=0.667A squared + 66.7A;
- (2) For an elevator having an inside net platform area of more than 50 ft. squared (4.65 m squared), W=0.0467A squared + 125A 1367;

where

A = inside net platform area, ft. squared (m squared)

W = minimum rated load, lb. (kg)

TABLE 3.12.3
MINIMUM FACTORS OF SAFETY FOR SUSPENSION WIRE ROPES

	Minimum Factor of Safety		_	Minimum Factor of Safety	
Rope Speed, fpm	Passenger	Freight	Rope Speed, fpm	Passenger	Freight
50	7.60	6.65	650	10.85	9.65
75	7.75	6.85	700	11.00	9.80
100	7.95	7.00	750	11.15	9.90
125	8.10	7.15	800	11.25	10.00
150	8.25	7.30	850	11,35	10.10
175	8.40	7.45	900	11.45	10.15
200	8.60	7.65	950	11.50	10.20
225	8.75	7.75	1000	11.55	10.30
250	8.90	7.90	1050	11.65	10.35
300	9.20	8.20	1100	11.70	10.40
350	9.50	8.45	1150	11.75	10.45
400	9.75	8.70	1200	11.80	10.50
450	10.00	8.90	1250	11.80	10.50
500	10.25	9.15	1300	11.85	10.55
550	10.45	9.30	1350	11.85	10.55
600	10.70	9.50	1400-2000	11.90	10.55

GENERAL NOTE: 1 fpm = 5.08 E -03 m/s

### **NEW SECTION**

WAC 296-95-241 Use of partitions for reducing inside net platform area. Where partitions are installed in elevator cars for the purpose of restricting the platform net area for passenger use, they shall be permanently fastened in place. Gates, doors, or handrails shall not be used for this purpose. Partitions shall be so installed as to provide for approximately symmetrical loading.

When conditions do not permit symmetrical loading, guide rails, car frame, and platforms shall be capable of sustaining the resulting stresses and deflections.

### **NEW SECTION**

WAC 296-95-243 Minimum rated load for freight elevators. (1) Minimum load permitted. The minimum rated load for freight elevators in pounds (kilograms) shall be based on the weight and class of the load to be handled, but shall in no case be less than the minimum specified in subsection (2) of this section for each class of loading based on the inside net platform area.

- (2) Classes of loading and design requirements. Freight elevators shall be designed for one of the following classes of loading:
- (a) Class A—General freight loading. Where the load is distributed, the weight of any single piece of freight or of any single hand truck and its load is not more than one-quarter the rated load of the elevator, and the load is handled on and off the car platform manually or by means of hand trucks.

For this class of loading, the rated load shall be based on not less than 50 lb./ft. squared (244 kg./m squared) of inside net platform area.

(b) Class B—Motor vehicle loading. Where the elevator is used solely to carry automobile trucks or passenger automobiles up to the rated load of the elevator.

For this class of loading, the rated load shall be based on not less than 30 lb./ft. squared (146 kg./m squared) of inside net platform area.

(c) Class C—Industrial truck loading. Where the load is carried in transit or is handled on and off the car platform by means of power industrial trucks or by hand trucks having a loaded weight more than one-quarter the rated load of the elevator.

For this class of loading the following requirements shall apply:

- (i) The rated load shall be based on not less than 50 lb./ft. squared (244 kg./m squared) of inside net platform area:
- (ii) The weight of the loaded industrial truck shall not exceed the rated load of the elevator;
- (iii) The weight of the loaded industrial truck plus any other material carried on the elevator shall not exceed the rated load when the industrial truck is also carried;
- (iv) During loading and unloading, the load on the elevator shall in no case exceed one hundred fifty percent of the rated load, and where this load exceeds the rated load, the capacity of the brake and the traction relation shall be adequate to safely sustain and level at least one hundred fifty percent of the rated load.

Note:

When the entire rated load is placed on the elevator by the industrial truck in increments, the load imposed on the car platform while the last increment is being loaded or the first increment unloaded will exceed the rated load by the weight of the empty industrial truck.

### **NEW SECTION**

WAC 296-95-244 Capacity plates. (1) Every elevator shall be provided with a capacity plate or a painted sign permanently and securely fastened in place and located in a conspicuous position inside the car. It shall indicate the rated load of the elevator in pounds, and for freight elevators, this plate or sign shall indicate:

- (a) The capacity for lifting one-piece loads;
- (b) For freight elevators used for industrial truck loading where the truck is not usually carried by the elevator but used only for loading and unloading, the maximum load the elevator is designed to support while being loaded or unloaded.
- (2) Capacity plates shall be durable and readily legible. The height of the letters and figures shall be not less than:
- (a) 1/4 in. (6.3 mm) for passenger elevator capacity plates;
  - (b) 1 in. (25 mm) for freight elevator capacity plates.

### **NEW SECTION**

WAC 296-95-245 Signs on freight elevators. In addition to the capacity plate or painted sign required by WAC 296-95-244, signs shall be provided or painted inside the car and shall be located in a conspicuous position and permanently and securely fastened to the car enclosure subject to the following requirements:

- (1) In elevators not permitted to carry passengers, the signs shall read: "THIS IS NOT A PASSENGER ELEVATOR, NO PERSONS OTHER THAN THE OPERATOR AND FREIGHT HANDLERS ARE PERMITTED TO RIDE ON THIS ELEVATOR."
- (2) In elevators permitted to carry employees, the signs shall read: "NO PASSENGERS EXCEPT EMPLOYEES PERMITTED."

The signs shall be durable and readily legible with 1/2 in. (13 mm) high letters.

### **NEW SECTION**

WAC 296-95-250 General requirements. (1) Sheaves and drums shall be of cast iron or steel and shall have finished grooves for ropes.

- (2) Set screws fastenings shall not be used in lieu of keys or pins on connections subject to torque or tension.
- (3) Friction gearing or a clutch mechanism shall not be used to connect a driving-machine drum or sheave to the main driving mechanism, other than in connection with a car leveling device.

### **NEW SECTION**

WAC 296-95-255 Winding drum machines. (1) Winding drum machines shall be provided with a slack-rope device having an enclosed switch of the manually reset type which shall cause the electric power to be removed from the elevator driving machine motor and brake if the hoisting ropes become slack or broken.

(2) Winding drum machines shall be equipped with adjustable machine automatic terminal stop mechanisms set to directly open the main line circuit to the driving machine motor and brake coincident with the opening of the final

terminal stopping switch. Chain, belt, or rope-driven mechanisms shall not be used.

#### **NEW SECTION**

WAC 296-95-256 Indirect-drive machines. (1) Indirect-drive machines, utilizing vee belts, tooth drive belts, or chain drives, shall include not less than three belts or chains operating together in parallel as a set. Belt and chain drive sets shall be preloaded and matched for length in sets.

(2) Belt sets shall be selected on the basis of the manufacturer's rated breaking strength and a safety factor of 10. Chain and sprocket sets shall be selected on the basis of recommendations set forth in the supplementary information section of ANSI B 29.1, using a service factor of 2.0. Offset links in a chain are permitted. Chain drives and belt drives shall be guarded to protect against accidental contact and to prevent foreign objects from interfering with drives.

Sprockets in a chain drive set and also in a driven set shall be assembled into a common hub, with teeth cut in line after assembly to assure equal load distribution on all chains. Tooth sheaves for a belt drive shall be constructed in a manner to assure equal load distribution on each belt in the set.

Load determination for both the belt and chain sets shall be based on the maximum static loading on the elevator car (full load on the car and the car at rest at a position in the hoistway which creates the greatest load, including either the car or counterweight resting on its buffer).

- (3) Each belt or chain in a set shall be continuously monitored by a broken belt or chain device of the manually reset type which shall function to automatically interrupt power to the machine and apply the brake in the event any belt or chain in the set breaks or becomes excessively slack. The driving machine brake shall be located on the traction sheave or winding drum assembly side of the driving machine so as to be fully effective in the event the entire belt set or chain set should break.
- (4) If one belt or chain of a set is worn, stretched, or damaged so as to require replacement, the entire set shall be replaced. Sprockets and toothed sheaves shall also be inspected on such occasion and be replaced if noticeably worn.

#### **NEW SECTION**

WAC 296-95-260 Brakes. The elevator driving machine shall be equipped with a friction brake applied by a spring or springs, and released electrically.

The brake shall be designed to have a capacity sufficient to hold the car at rest with its rated load. For passenger elevators and freight elevators permitted to carry employees, the brake shall be designed to hold the car at rest with an additional load up to twenty-five percent in excess of the rated load. (See also WAC 296-95-243 (2)(c)(iv)).

#### **NEW SECTION**

WAC 296-95-261 Driving and release of driving machine brakes. Driving machine brakes shall not be electrically released until power has been applied to the driving machine motor. All power feed lines to the brake

shall be opened and the brake shall apply automatically when:

- (1) The operating device of a car switch or continuous pressure operation elevator is in the stop position;
  - (2) A floor stop device functions;
- (3) Any of the electrical protective devices in WAC 296-95-272 functions.

Under conditions described in subsection (1) and (2) of this section, the application of the brake may occur on or before the completion of the slowdown and leveling operations.

The brake shall not be permanently connected across the armature or field of a direct current elevator driving machine motor.

#### **NEW SECTION**

WAC 296-95-262 Normal terminal stopping devices. Enclosed upper and lower normal terminal stopping devices shall be provided and arranged to slow down and stop the car automatically, at or near the top and bottom terminal landings. Such devices shall function independently of the operation of the normal stopping means and of the final terminal stopping device.

- (1) Location. Normal stopping devices shall be located on the car, in the hoistway, or in the machine room, and shall be operated by the movement of the car.
- (2) Broken rope, tape, and chain switches. Broken rope, tape, or chain switches shall be provided in connection with normal terminal stopping devices located in the machine room of traction elevators. Such switches shall be opened by a failure of the rope, tape, or chain and shall cause the electrical power to be removed from the driving machine motor and brake.

#### **NEW SECTION**

WAC 296-95-264 Final terminal stopping devices. Enclosed upper and lower final terminal electro-mechanical stopping devices shall be provided and arranged to prevent movement of the car by the normal operating devices in either direction of travel after the car has passed a terminal landing. Final terminal stopping devices shall be located as follows:

- (1) Winding drum driving machines. Elevators having winding drum machines shall have stopping switches on the machines and also in the hoistway operated by the movement of the car.
- (2) Traction driving machines. Elevators having traction driving machines shall have stopping switches in the hoistway operated by the movement of the car.

#### **NEW SECTION**

WAC 296-95-266 Types of operating devices. Rope (i.e., shipper rope) or rod operating devices, actuated directly by hand, or rope operating devices actuated by wheels, levers, or cranks shall not be used.

WAC 296-95-268 Car-switch operation elevator. Handles of lever-type operating devices of car-switch operation elevators shall be so arranged that they will return to the stop position and latch there automatically when the hand of the operator is removed.

#### **NEW SECTION**

WAC 296-95-269 Passenger elevator emergency stop buttons. Passenger elevator emergency stop buttons or switches shall be so installed and connected as to activate the elevator alarm when in the stop position. An optional door hold open switch may be provided if desired, but such door hold open function shall automatically cancel upon activation of a Phase I recall.

#### **NEW SECTION**

WAC 296-95-270 Top-of-car operating devices. (1) Elevators with automatic or continuous-pressure operation shall have a continuous-pressure button operating switch mounted on the top of the car for the purpose of operating the car solely from the top of the car. The device shall operate the car at a speed not exceeding 150 fpm. (0.76 m/s).

(2) The means for transferring the control of the elevator to the top-of-car operating device shall be on the car top and located between the car crosshead and the side of the car nearest the hoistway entrance normally used for access to the car top.

#### **NEW SECTION**

WAC 296-95-272 Electrical protective devices. Electrical protective devices shall be provided in accordance with the following:

- (1) Slack-rope switch. Winding drum machines shall be provided with a slack-rope device equipped with a slack-rope switch of the enclosed manually rest type which shall cause the electric power to be removed from the elevator driving machine motor and brake if the suspension ropes become slack.
- (2) Motor-generator running switch. Where generator-field control is used, means shall be provided to prevent the application of power to the elevator driving machine motor and brake unless the motor generator set connections are properly switched for the running condition of the elevator. It is not required that the electrical connections between the elevator driving machine motor and the generator be opened in order to remove power from the elevator motor.
- (3) Compensating rope sheave switch. Compensating rope sheaves shall be provided with a compensating rope sheave switch or switches mechanically opened by the compensating rope sheave before the sheave reaches its upper or lower limit of travel to cause the electric power to be removed from the elevator driving machine motor and brake.
- (4) Broken rope, tape, or chain switches used in connection with machine room normal terminal stopping switches. Broken rope, tape, or chain switches conforming to the requirements of WAC 296-95-236 shall be provided in connection with normal terminal stopping devices located

- in machine rooms of traction elevators. Such switches shall be opened by a failure of the rope, tape, or chain.
- (5) Stop switch on top of car. A stop switch shall be provided on the top of every elevator car, which shall cause the electric power to be removed from the elevator driving machine motor and brake, and:
  - (a) Be of the manually operated and closed type;
  - (b) Have red operating handles or buttons;
- (c) Be conspicuously and permanently marked "STOP" and shall indicate the stop and run positions;
- (d) Be positively opened mechanically (opening shall not be solely dependent on springs).
- (6) Car-safety mechanism switch. A switch shall be required where a car safety is provided.
- (7) Speed governor overspeed switch. A speed governor overspeed switch shall be provided when required by WAC 296-95-236.
- (8) Final terminal stopping devices. Final terminal stopping devices shall be provided for every elevator.
- (9) Emergency terminal speed limiting device. Where reduced stroke oil buffers are provided, emergency terminal speed limiting devices are required.
- (10) Motor generator overspeed protection. Means shall be provided to cause the electric power to be removed automatically from the elevator driving machine motor and brake should a motor generator set, driven by a direct current motor, overspeed excessively.
- (11) Motor field sensing means. Where direct current is supplied to an armature and shunt field of an elevator driving machine motor, a motor field current sensing means shall be provided, which shall cause the electric power to be removed from the motor armature and brake unless current is flowing in the shunt field of the motor.

A motor field current sensing means is not required for static control elevators provided with a device to detect an overspeed condition prior to, and independent of, the operation of the governor overspeed switch. This device shall cause power to be removed from the elevator driving machine motor armature and machine brake.

- (12) Buffer switches for oil buffers used with Type C car safeties. Oil level and compression switches shall be provided for all oil buffers used with Type C safeties.
- (13) Hoistway door interlocks or hoistway door electric contacts. Hoistway door interlocks or hoistway door electric contacts shall be provided for all elevators.
- (14) Car door or gate electric contacts. Car door or gate electric contacts shall be provided for all elevators.
- (15) Normal terminal stopping devices. Normal terminal stopping devices shall be provided for every elevator.
- (16) Car side emergency exit electric contact. An electric contact shall be provided on every car side emergency exit door.
- (17) Electric contacts for hinged car platform sills. Hinged car platform sills, where provided, shall be equipped with electric contacts.

WAC 296-95-274 Power supply line disconnecting means. (1) A disconnect switch or a circuit breaker shall be installed and connected into the power supply line to each elevator motor or motor generator set and controller. The power supply line shall be provided with overcurrent protection inside the machine room.

- (2) The disconnect switch or circuit breaker shall be of the manually closed multipole type, and be visible from the elevator driving machine or motor generator set. When the disconnecting means is not within sight of the driving machine, the control panel, or the motor generator set, and additional manually operated switch shall be installed adjacent to the remote equipment and connected in the control circuit to prevent starting.
- (3) No provision shall be made to close the disconnect switch from any other part of the building.
- (4) Where there is more than one driving machine in a machine room, disconnect switches or circuit breakers shall be numbered to correspond to the number of the driving machine which they control.

#### **NEW SECTION**

WAC 296-95-276 Phase reversal and failure protection. Elevators having polyphase alternating current power supply shall be provided with means to prevent the starting of the elevator motor if the phase rotation is in the wrong direction, or if there is a failure of any phase.

This protection shall be considered to be provided in the case of generator field control having alternating current motor-generator driving motors, provided a reversal of phase will not cause the elevator driving machine motor to operate in the wrong direction. Controllers on which switches are operated by polyphase torque motors provide inherent protection against phase reversal or failure.

#### **NEW SECTION**

WAC 296-95-277 Grounding and overcurrent protections. Control and operating circuit requirements shall comply with Article 620-61 of the National Electrical Code. Overcurrent protection shall be maintained in accordance with Article 620-61, National Electrical Code.

#### **NEW SECTION**

WAC 296-95-278 Absorption of regenerated power. When a power source is used which, in itself, is incapable of absorbing the energy generated by an overhauling load, means for absorbing sufficient energy to prevent the elevator from attaining governor tripping speed or a speed in excess of one hundred twenty-five percent of rated speed, whichever is lesser, shall be provided on the load side of each elevator power supply line disconnecting means.

#### **NEW SECTION**

WAC 296-95-279 Door by-pass systems. Door by-pass systems where used shall conform to the requirements of ANSI A17.1, Rule 210.1e.

#### **NEW SECTION**

WAC 296-95-280 Car emergency signaling devices (in all buildings). All elevators shall be provided with an audible signaling device, operable from a switch or button marked "ALARM" which shall be located in or adjacent to each car operating panel. The signaling device shall be located inside the building and audible inside the car and outside the hoistway. One signaling device may be used for a group of elevators.

#### **NEW SECTION**

WAC 296-95-282 Suspension means. Cars shall be suspended by steel wire ropes attached to the car frame or passing around sheaves attached to the car frame. Only iron (low-carbon steel) or steel wire ropes, having the commercial classification "elevator wire rope," or wire rope specifically constructed for elevator use shall be used for the suspension of elevator cars and for the suspension of counterweights. The wire material for ropes shall be manufactured by the open-hearth or electric furnace process or their equivalent.

#### **NEW SECTION**

WAC 296-95-283 Rope data tag. At each rope renewal a new metal data tag shall be securely attached to one of the wire rope fastenings. This data tag shall bear the following wire rope data:

- (1) The diameter in inches;
- (2) The manufacturer's rated breaking strength;
- (3) The grade of material used;
- (4) The month and year the ropes were installed;
- (5) Whether nonpreformed or preformed;
- (6) Construction classification;
- (7) Name of the person or firm who installed ropes;
- (8) Name of the manufacturer of the rope;
- (9) The number of ropes;
- (10) The date on which the rope was resocketed or other types of fastening changed.

Rope data tags shall be durable and readily legible. The height of letters and figures shall be not less than 1/16 in. (1.6 mm).

#### **NEW SECTION**

WAC 296-95-284 Factor of safety. The factor of safety of the suspension wire ropes shall be not less than shown in the table below. The factor of safety shall be based on the actual rope speed corresponding to the rated speed of the car. The factor of safety shall be calculated by the following formula:

f = S times N over W

where

N = number of runs of rope under load. (For 2:1 roping, twice the number of ropes used. For 3:1 roping, three times, etc.)

S = manufacturer's rated breaking strength of one rope.

W = maximum static load imposed on all car ropes with the car and its rated load at any position in the hoistway.

TABLE 3.7.1

MAXIMUM\* INSIDE NET PLATFORM AREAS FOR THE VARIOUS RATED LOADS

Rated Load, lb	inside Net Platform Area, ft²	Rated Load, Ib	Inside Net Platform Area, ft <sup>2</sup>
500	7.0	5,000	50.0
600 -	8.3	6,000	57.7
700	9.6	7,000	65.3
1,000	13.25	8,000	72.9
1,200	15.6	9,000	80.5
1,500	18.9	10,000	88.0
1,800	22.1	12,000	103.0
2,000	24.2	15,000	125.1
2,500	29.1	18,000	146.9
.3,000	33.7	20,000	161.2
3,500	38.0	25,000	196.5
4,000	42.2	30.000	231.0
4.500	46.2		

 To allow for variations in cab designs, an increase in the maximum inside net platform area not exceeding 5%, shall be permitted for the various rated loads.
 GENERAL NOTE:

#### **NEW SECTION**

WAC 296-95-285 Minimum number and diameter of suspension ropes. All elevators, except freight elevators that do not carry passengers or freight handlers and have no means of operation in the car, shall conform to the following requirements:

- (1) The minimum number of hoisting ropes used shall be three for traction elevators and two for drum-type elevators. Where a car counterweight is used, the number of counterweight ropes used shall be not less than two.
- (2) The minimum diameter of hoisting and counterweight ropes shall be 3/8 in. (9.5 mm). Outer wires of the ropes shall be not less than 0.024 in. (0.61 mm) in diameter. The term "diameter" where used in this section shall refer to the nominal diameter as given by the rope manufacturer.

#### **NEW SECTION**

WAC 296-95-287 Suspension rope equalizers. Suspension rope equalizers, where provided, shall be of the individual-compression spring type.

Equalizers of other type may be used with traction elevators provided the equalizers and their fastenings are approved by the authority having jurisdiction on the basis of adequate tensile and fatigue tests made by a qualified laboratory. Such tests shall show the ultimate strength of the equalizer and its fastenings in its several parts and assembly, which shall be not less than ten percent in excess of the strength of suspension ropes, provided that equalizers of the single-bar type, or springs in tension, shall not be used to attach suspension ropes to cars or counterweights or to deadend hitch plates.

#### **NEW SECTION**

WAC 296-95-288 Securing of suspension wire ropes to winding drums. Suspension wire ropes of winding drum machines shall have the drum ends of the ropes secured on the inside of the drum by clamps or by tapered babbitted sockets, or by other means approved by the authority having jurisdiction.

#### **NEW SECTION**

WAC 296-95-289 Spare rope turns on winding drums. Suspension wire ropes of winding drum machines shall have not less than one turn of the rope on the drum when the car is resting on the fully compressed buffers.

#### **NEW SECTION**

WAC 296-95-290 Suspension rope fastenings. Spliced eyes by return loop may continue in service. Suspension rope fastenings shall conform to the requirements of ANSI/ASME A17.1 Rule 212.9 when the ropes are replaced.

#### **NEW SECTION**

WAC 296-95-291 Auxiliary rope fastening devices. Auxiliary rope fastening devices, designed to support cars or counterweights if any regular rope fastenings fail, may be provided subject to approval by the authority having jurisdiction.

#### **NEW SECTION**

WAC 296-95-300 Scope. This part applies to all existing direct plunger and roped hydraulic elevators.

#### **NEW SECTION**

WAC 296-95-302 Hoistways, hoistway enclosures, and related construction shall conform to the requirements of part 1.

#### **NEW SECTION**

WAC 296-95-304 Buffers and bumpers. Car buffers or bumpers shall be provided. Solid bumpers may be used in lieu of buffers where the rated speed is 50 fpm (0.25 m/s) or less.

#### **NEW SECTION**

WAC 296-95-307 Car frames and platforms. Car frames and platforms shall conform to the requirements of WAC 296-95-206.

#### **NEW SECTION**

WAC 296-95-309 Car enclosures. Car enclosures shall conform to the requirements of WAC 296-95-215.

#### **NEW SECTION**

WAC 296-95-311 Capacity and loading. Capacity and loading shall conform to the requirements of WAC 296-95-240.

#### **NEW SECTION**

WAC 296-95-313 Connection to driving machine. The driving member of a direct plunger driving machine shall be attached to the car frame or car platform with fastenings of sufficient strength to support that member.

<sup>1</sup> lb = 0.454 kg 1 ft? = 9.29 E -02 m²

The connection to the driving machine shall be capable of withstanding, without damage, any forces resulting from a plunger stop.

#### **NEW SECTION**

WAC 296-95-316 Plunger stops. Plungers shall be provided with solid metal stops and/or other means to prevent the plunger from traveling beyond the limits of the cylinder. Stops shall be so designed and constructed as to stop the plunger from maximum speed in the up direction under full pressure without damage to the connection to the driving machine, plunger, plunger connection, couplings, plunger joints, cylinder, cylinder connecting couplings or any other parts of the hydraulic system. For rated speeds exceeding 100 fpm (0.51 m/s) where a solid metal stop is provided, means other than the normal terminal stopping device (i.e., emergency terminal speed limiting device) shall be provided to retard the car to 100 fpm (0.51 m/s) with a retardation not greater than gravity, before striking the stop.

#### **NEW SECTION**

WAC 296-95-318 Pump relief valve. (1) Pump relief valve required. Each pump or group of pumps shall be equipped with a relief valve conforming to the following requirements, except as covered by WAC 296-95-418(2):

- (a) Type and location. The relief valve shall be located between the pump and the check valve and shall be of such a type and so installed in the by-pass connection that the valve cannot be shut off from the hydraulic system.
- (b) Setting. The relief valve shall be preset to open at a pressure not greater than one hundred twenty-five percent of working pressure.
- (c) Size. The size of the relief valve and by-pass shall be sufficient to pass the maximum rated capacity of the pump without raising the pressure more than twenty percent above that at which the valve opens. Two or more relief valves may be used to obtain the required capacity.
- (d) Sealing. Relief valves having exposed pressure adjustments, if used, shall have their means of adjustment sealed after being set to the correct pressure.
- (2) Pump relief valve not required. No relief valve is required for centrifugal pumps driven by induction motors, provided the shutoff, or maximum pressure which the pump can develop, is not greater than one hundred thirty-five percent of the working pressure at the pump.

#### **NEW SECTION**

WAC 296-95-321 Check valve. A check valve shall be provided and shall be so installed that it will hold the elevator car with rated load at any point when the pump stops or the maintained pressure drops below the minimum operating pressure.

#### **NEW SECTION**

WAC 296-95-322 Supply piping and fittings. Supply piping and fittings shall be in sound condition and secured in place.

#### NEW SECTION

WAC 296-95-323 Flexible hydraulic connections. When flexible hydraulic connections are replaced the requirements of ANSI A17.1, Rule 303.1d shall be complied with in all respects. Where flexible connections pass through walls the replacement shall be made with steel piping.

#### **NEW SECTION**

- WAC 296-95-324 General requirements. (1) Capacity. All tanks shall be of sufficient capacity to provide for an adequate liquid reserve to prevent the entrance of air or other gas into the system.
- (2) Minimal liquid level indicator. The permissible minimum liquid level shall be clearly indicated.

#### **NEW SECTION**

- WAC 296-95-325 Pressure tanks. (1) Vacuum relief valves. Tanks which may be subjected to vacuum sufficient to cause collapse shall be provided with one or more vacuum relief valves with openings of sufficient size to prevent collapse of the tank.
- (2) Gage glasses. Tanks shall be provided with one or more gage glasses attached directly to the tank and equipped to shut off the liquid automatically in case of failure of the glass. The gage glass or glasses shall be so located as to indicate any level of the liquid between permissible minimum and maximum levels, and shall be equipped with a manual cock at the bottom of the lowest glass.
- (3) Pressure gage. Tanks shall be provided with a pressure gage which will indicate the pressure correctly to not less than 1-1/2 times the pressure setting of the relief valve. The gage shall be connected to the tank or water column by pipe and fittings with a stop cock in such a manner that it cannot be shut off from the tank except by a stop cock. The stop cock shall have a "T" or level handle set in line with the direction of flow through the valve when open.
- (4) Inspector's gage connection. Tanks shall be provided with 1/4 in. (6.3 mm) pipe size valve connection for attaching an inspector's pressure gage while the tank is in service.
- (5) Liquid level detector. Tanks shall be provided with a means to render the elevator inoperative if for any reason the liquid level in the tank falls below the permissible minimum.
- (6) Handholes and manholes. Tanks shall be provided with means for internal inspection.
- (7) Piping and fittings for gages. Piping and fittings for gage glasses, relief valves, and pressure gages shall be of a material that will not be corroded by the liquid used in the tank.

#### **NEW SECTION**

WAC 296-95-326 Terminal stopping devices shall conform to the requirements of WAC 296-95-262.

WAC 296-95-328 Operating devices. Operating devices shall conform to the requirements of WAC 296-95-266 and 296-95-268.

#### **NEW SECTION**

WAC 296-95-330 Top-of-car operating devices. Top-of-car operating devices shall be provided and shall conform to the requirements of WAC 296-95-270, except for uncounterweighted elevators having a rise of not more than 15 ft. (4.57 m).

The bottom normal terminal stopping device may be made ineffective while the elevator is under the control of the top-of-car operating device.

#### **NEW SECTION**

WAC 296-95-332 Anticreep leveling devices. Each elevator shall be provided with an anticreep leveling device conforming to the following:

- (1) It shall maintain the car within 3 in. (87 mm) of the landing irrespective of the position of the hoistway door;
- (2) For electrohydraulic elevators, it shall be required to operate the car only in the up direction;
- (3) For maintained pressure hydraulic elevators, it shall be required to operate the car in both directions;
- (4) Its operation may depend on the availability of the electric power supply provided that:
- (a) The power supply line disconnecting means required by WAC 296-95-274 is kept in the closed position at all times except during maintenance, repairs, and inspections; and
- (b) The electrical protective devices required by WAC 296-95-334(2) shall not cause the power to be removed from the device.

#### **NEW SECTION**

WAC 296-95-334 Electrical protective devices. Electrical protective devices, if provided, shall conform with the requirements of WAC 296-95-272 and operate as follows:

- (1) The following devices shall prevent operation of the elevator by the normal operating device and also the movement of the car in response to the anticreep leveling device:
  - (a) Stop switches in the pit;
  - (b) Stop switches on top of the car;
- (c) Car side emergency exit door electric contacts, where such doors are provided.
- (2) The following devices shall prevent the operation of the elevator by the normal operating device, but the anticreep leveling device required by WAC 296-95-332 shall remain operative:
  - (a) Emergency stop switches in the car;
- (b) Broken rope, tape, or chain switches on normal terminal stopping devices when such devices are located in the machine room or overhead space;
- (c) Hoistway door interlocks or hoistway door electric contacts;
  - (d) Car door or gate electric contacts;
  - (e) Hinged car platform sill electric contacts.

#### **NEW SECTION**

WAC 296-95-336 Power supply line disconnecting means. Power supply line disconnecting means shall conform to the requirements of WAC 296-95-274.

#### **NEW SECTION**

WAC 296-95-338 Devices for making hoistway door interlocks or electric contacts, or car door or gate electric contacts inoperative. The installation shall conform to the requirements of WAC 296-95-221(5).

#### **NEW SECTION**

WAC 296-95-340 Control and operating circuit requirements. Control and operating circuits shall conform to the requirements of WAC 296-95-222.

#### **NEW SECTION**

WAC 296-95-342 Emergency operation and signaling devices. Emergency operation and signaling devices shall conform to the requirements of WAC 296-95-280.

#### **NEW SECTION**

WAC 296-95-344 Additional requirements for counterweighted hydraulic elevators. Counterweighted hydraulic elevators shall be roped so that the counterweight shall not strike the overhead when the car is resting on its fully compressed buffer. Counterweighted hydraulic elevators shall conform to the requirements of WAC 296-95-205 where applicable.

Where counterweights are provided, counterweight buffers shall be provided.

#### **NEW SECTION**

WAC 296-95-400 Scope. This part is a minimum standard for all escalators used to transport passengers.

#### **NEW SECTION**

WAC 296-95-405 Balustrades. The balustrade shall be totally closed except where the handrail enters the newel base. Gaps between interior panels are permitted provided that they are not wider than 3/16 in. (4.8 mm) and the edges are rounded or beveled.

#### **NEW SECTION**

WAC 296-95-408 Clearance between skirt and step. The clearance on each side of the steps between the step tread and the adjacent skirt panel shall be not more than 3/16 in. (4.8 mm).

#### **NEW SECTION**

WAC 296-95-410 Guards at ceiling or soffit intersections. (1) Guard required. A solid guard shall be provided in the intersection of the angle of the outside balustrade (deck board) and the ceiling or soffit, except as indicated in subsection (2) of this section. The vertical edge of the guard shall be a minimum of 8 in. (203 mm). The escalator side

of the vertical face of the guard shall be flush with the face of the wellway.

The exposed edge of the guard shall be rounded and have a minimum width of 1/4 in. (6.4 mm).

- (2) Guard not required. Guards are not required under the following conditions:
- (a) On high decks where the clearance of the outside edge of the deck and the ceiling or soffit is more than 12 in. (305 mm) or where the projected intersection of the outside deck and the ceiling or soffit is more than 24 in. (610 mm) from the centerline of the handrail:
- (b) On low decks where the centerline of the handrail is more than 14 in. (356 mm) from the ceiling or soffit.

#### **NEW SECTION**

WAC 296-95-412 Antislide device. On high deck balustrades, antislide devices shall be provided on decks or combination of decks when the outer edge of the deck is greater than 12 in. (305 mm) from the centerline of the handrail or on adjacent escalators when the distance between centerline of the handrails is greater than 16 in. (406 mm).

These devices shall consist of raised objects fastened to the decks, not closer than 4 in. (102 mm) to the handrail and spaced not greater than 6 ft. (1.83 m) apart. The height shall be not less than 3/4 in. (19 mm). There shall be no sharp corners or edges.

#### **NEW SECTION**

WAC 296-95-414 Handrails. Each escalator shall be provided with a handrail moving in the same direction and at substantially the same speed as the steps.

#### **NEW SECTION**

WAC 296-95-416 Handrail guards. Hand or finger guards shall be provided at the point where the handrail enters the balustrade.

#### **NEW SECTION**

WAC 296-95-418 Slotting of step risers. Escalators having smooth curved surface risers shall have either:

- (1) Steps having cleated risers provided with vertical cleats which mesh with slots on the adjacent step tread as the steps make the transition from the incline to the horizontal; or
- (2) Means to cause the opening of the power circuits to the escalator driving machine motor and brake should a step be displaced against the upthrust track at the upper and lower curves in the passenger carrying line of the track system.

#### **NEW SECTION**

WAC 296-95-420 Slotting of step treads. The tread surface of each step shall be slotted in a direction parallel to the travel of the steps.

#### **NEW SECTION**

WAC 296-95-422 Combplates. There shall be a combplate at the entrance and at the exit of every escalator. The combplate teeth shall be meshed with and set into the slots in the tread surface so that the points of the teeth are always below the upper surface of the treads.

#### **NEW SECTION**

WAC 296-95-424 General requirements. Escalators shall be provided with a brake capable of stopping the up or down traveling escalator with any load up to brake rated load. The brake shall be mechanically or magnetically applied. If the brake is magnetically applied, a ceramic permanent magnet shall be used.

#### **NEW SECTION**

WAC 296-95-427 Main drive shaft brake. If the escalator brake is separated from the main drive shaft by a chain used to connect the driving machine to the main drive shaft, a mechanically or magnetically applied brake capable of stopping a down running escalator with brake rated load shall be provided on the main drive shaft. If the brake is magnetically applied, a ceramic permanent magnet shall be used.

#### **NEW SECTION**

WAC 296-95-429 Starting switches. Starting switches shall be of the key-operated type and shall be located so that the escalator steps are within sight.

#### **NEW SECTION**

WAC 296-95-431 Emergency stop buttons. There shall be a red stop button accessibly located at the top and bottom landings of each escalator. The operation of either one of these buttons shall cause the interruption of power to the escalator. It shall be impossible to start an escalator by means of these buttons. These buttons shall be marked "ESCALATOR STOP BUTTON."

#### **NEW SECTION**

WAC 296-95-432 Speed governor. (1) Speed governor required. A speed governor shall be provided, except as specified in subsection (2) of this section. Its operation shall cause the interruption of power to the driving machine if the speed of the steps exceeds a predetermined value, which shall be not more than forty percent above the rated speed.

(2) Speed governor not required. The speed governor is not required where an alternating current squirrel cage induction motor is used and the motor is directly connected to the driving machine.

Note:

The governor may be omitted in such case even though a chain is used to connect the sprocket on the driving machine to the sprocket on the main drive shaft.

WAC 296-95-434 Broken step-chain device. A broken step-chain device shall be provided to cause the interruption of power to the driving machine if a step chain breaks, and, where no automatic chain tension device is provided, if excessive sag occurs in either step chain.

#### **NEW SECTION**

WAC 296-95-436 Application of brake. The brake shall automatically stop the escalator when any of the safety devices function.

#### **NEW SECTION**

WAC 296-95-438 Broken drive-chain device. When the driving machine is connected to the main drive shaft by a chain, a device shall be provided which shall cause the application of the brake on the main drive shaft and also stop the drive machine if the drive chain parts.

#### **NEW SECTION**

WAC 296-95-440 Skirt obstruction device. Means shall be provided to stop the escalator if an object becomes accidently caught between the step and the skirt as the step approaches the upper or lower combplate. The device shall be located so that the escalator will stop before that object reaches the combplate.

#### **NEW SECTION**

WAC 296-95-442 Rolling shutter device. Rolling shutters, if used, shall be provided with a device which shall be actuated as the shutters begin to close to cause the opening of the power circuit to the escalator driving machine motor and brake.

#### **NEW SECTION**

WAC 296-95-444 Reversal stop device. Means shall be provided to cause the opening of the power circuit to the driving machine motor and brake in case of accidental reversal of travel while the escalator is operating in the ascending direction.

#### **NEW SECTION**

WAC 296-95-446 Tandem operation. Tandem operation escalators shall be electrically interlocked where traffic flow is such that bunching will occur if the escalator is carrying passengers away from the intermediate landing stops.

The electrical interlocks shall stop the escalator carrying passengers into the common intermediate landing if the escalator carrying passengers away from the landing stops. These escalators shall also be electrically interlocked to assure that they run in the same direction.

#### **NEW SECTION**

WAC 296-95-448 Caution signs. A caution sign shall be located at the top and bottom landings of each escalator, readily visible to the boarding passengers. The sign shall include the following words:

- (1) Caution;
- (2) Passenger only;
- (3) Hold handrail;
- (4) Attend children;
- (5) Avoid sides.

The sign shall be of the standard design recognized by the elevator industry.

#### **NEW SECTION**

WAC 296-95-450 Lighting of step treads. Step treads shall be illuminated throughout their run. The light intensity on the treads shall be in accordance with local codes and ordinances for stairways.

Note:

It is desirable that the illumination be of uniform intensity and that it should not contrast significantly with that of the surrounding area.

#### **NEW SECTION**

WAC 296-95-500 Scope. This part is a minimum standard for all existing electric and hand-powered dumbwaiters and hand-powered elevators.

#### **NEW SECTION**

WAC 296-95-510 Electric and electro-hydraulic dumbwaiters. (1) Dumbwaiter cars may be constructed of metal or wood and shall be in compliance with local ordinances as to fire resistivity providing it is constructed to carry its rated load without distortion. The dumbwaiter car must be fully enclosed except for the landing sides. The car floor shall not exceed 9 square feet in area and the total inside height shall not exceed 4 feet and the maximum capacity shall not exceed five hundred pounds. The fire resistance rating for the hoistway and hoistway doors shall conform with the local area fire ordinances where required. Hoistway doors shall be installed at each hoistway opening. Hoistway doors shall be equipped with electric contacts and mechanical locks.

- (2) Electrically operated machines shall be equipped with brakes that are electrically released and applied automatically by springs in conformity with the requirements set forth in WAC 296-95-260.
- (3) Dumbwaiters equipped with winding drum machines having a travel of more than 30 feet and a rated load of more than one hundred pounds, shall be equipped with a slack rope switch which will automatically remove the power from the motor and brake when the hoisting ropes become slack.

#### **NEW SECTION**

WAC 296-95-540 Hand-power elevators and dumbwaiters. (1) Cars of hand-power elevators and dumbwaiters shall be enclosed on all sides not used for entrance. Elevator cars upon which an operator is permitted to ride shall have not more than one compartment.

- (2) Hand elevators having a travel of more than 15 feet shall be provided with a car safety, capable of stopping and sustaining the car and rated load. The car safety device is not required to be operated by a speed governor, and may be of the instantaneous type operated as a result of the breaking and slackening of the suspension members.
- (3) Hoistway doors for hand-powered elevators shall be so designed that they will ensure protection at each landing.
- (4) Doors for hand-powered dumbwaiters shall be so designed that they will ensure protection at all landings.
- (5) Every hoistway door, gate, or entrance of hand elevators and hand dumbwaiters shall have conspicuously displayed on the landing side in letters not less than 2 inches high, the words: "DANGER—ELEVATOR—KEEP CLOSED" or "DANGER—DUMBWAITER—KEEP CLOSED."

WAC 296-95-600 Scope. This part applies to periodic inspections, tests, alterations, and maintenance.

#### **NEW SECTION**

WAC 296-95-610 Routine periodic inspections and tests. The owner or his or her duly appointed agent shall cause periodic tests to be made by a person qualified to perform such service, and a report indicating the date of inspection with all pertinent data included, shall be sent to the department of labor and industries, elevator section. The inspections and tests shall be in compliance with ANSI A17.1, Part X rules as follows: Section 1000, Rule 1000.1, Rule 1000.2, Rule 1000.3; Section 1001, Rule 1001.1, Rule 1001.2; Section 1002, Rule 1002.1, Rule 1002.2, Rule 1002.3; Section 1004, Rule 1004.2; Section 1005, Rule 1005.1, Rule 1005.2, Rule 1005.3, Rule 1005.4; Section 1007, Rule 1007.2; Section 1008, Rule 1008.1, Rule 1008.2; Section 1010, Rule 1010.1, Rule 1010.2, Rule 1010.3, Rule 1010.4, Rule 1010.5, Rule 1010.6, Rule 1010.7.

#### **NEW SECTION**

WAC 296-95-620 Alterations, repairs, and maintenance. The owner or his or her duly appointed agent shall be responsible for the safe operation, proper maintenance, and alteration of a conveyance and shall be in compliance with ANSI A17.1, Part XII.

#### **NEW SECTION**

WAC 296-95-630 Anchorage after seismic activity. Any elevator equipment, hydraulic or cable type, that is displaced by result of seismic activity shall be anchored to conform with current standards, when repaired or reanchored to the building.

#### **NEW SECTION**

WAC 296-95-700 Scope. Rules governing lifting devices for physically handicapped people.

#### **NEW SECTION**

WAC 296-95-710 Lifts for physically handicapped. Inclined stairway chairlifts and vertical wheelchair lifts installed only for use by persons with disabilities in locations other than in or at a private residence shall be provided with a standard electric switch Chicago lock with key #2252. This section is in addition to ANSI A17.1, Part XX, and Washington state rules and regulations barrier-free design, and it shall apply to lifts for the physically handicapped as described herein with installation permits issued by the department of labor and industries on or after the effective date of these rules. All existing installations as described herein shall be provided with this same lock and key within one year of the effective date of these rules.

#### **NEW SECTION**

WAC 296-95-800 Scope. This part is a minimum standard for all power sidewalk elevators.

#### **NEW SECTION**

WAC 296-95-810 Sidewalk elevators. Electrically operated sidewalk elevators shall be in conformity with the following requirements:

Where the top opening is located in the sidewalk or other area exterior to the building, all electrical equipment on the car or in the hoistway shall be weatherproof. The operation of power sidewalk elevators through openings in the sidewalk, or through openings in other exterior areas which are protected by hinged doors or vertically lifting covers, shall conform to the following:

- (1) The elevator shall be operated in both the up and down directions through the opening, only from the sidewalk or other exterior area. The operation shall be by means of:
- (a) Key-operated continuous pressure type, up and down switches; or
- (b) Continuous pressure type up and down operating buttons on the free end of a detachable, flexible cord five feet or less in length.
- (c) Continuous pressure type up and down operating buttons may be installed on the elevator car providing the control is so designed that the buttons will not function unless the sidewalk doors are locked in the open position and that a safety screen that will open and close with the car is installed.
- (2) Key-operated switches shall be of continuous pressure spring-return type, with the key removable only when the switch is in the off position.

### WSR 92-19-036 PROPOSED RULES DEPARTMENT OF REVENUE

[Filed September 9, 1992, 12:43 p.m.]

Original Notice.

Title of Rule: WAC 458-20-121 Sales of heat, 458-20-123 Public and lending libraries, 458-20-147 Public stenographers, 458-20-152 Shoe repairmen and shoe shiners, 458-20-215 Auditing out-of-state business, 458-20-219 Patronage

dividends of cooperative associations, not deductible, and 458-20-220 Painting, paper hanging, and sign painting.

Purpose: The above sections of the Washington Administrative Code will be repealed.

Statutory Authority for Adoption: RCW 82.32.300.

Statute Being Implemented: Title 82 RCW.

Summary: The subject matter of these rules are addressed more comprehensively in other rules. These rules are no longer required or generally relied upon by taxpayers to determine tax policy.

Name of Agency Personnel Responsible for Drafting and Implementation: Les Jaster, 711 Capitol Way, #205, Olympia, (206) 586-7150; and Enforcement: Russ Brubaker, 711 Capitol Way, #303, Olympia, (206) 586-0257.

Name of Proponent: Department of Revenue, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The subject matter of these rules is already addressed in other rules of the department. These rules applied to a very small number of taxpayers and these taxpayers generally rely on the more comprehensive rules of the department.

Proposal does not change existing rules.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

The Department of Revenue has reviewed administrative provisions contained in this rule in order to lessen the economic impact on small businesses. A small business economic impact statement is not required for the following reason(s): All tax reporting requirements remain the same. There is no existing or additional administrative economic impact on any business.

Hearing Location: Evergreen Plaza Building, 2nd Floor Conference Room, 711 Capitol Way South, Olympia, WA, on October 28, 1992, at 10:00 a.m.

Submit Written Comments to: Les Jaster, Rules Coordinator, Department of Revenue, P.O. Box 47458, FAX (206) 586-7603, Olympia, WA 98504-7458, by October 28, 1992.

Date of Intended Adoption: November 10, 1992.

September 9, 1992 Russell W. Brubaker Leg. and Policy Manager

#### **REPEALER**

The following sections of the Washington Administrative Code are hereby repealed:

WAC 458-20-121	Sales of heat
WAC 458-20-123	Public and lending librar-
	ies
WAC 458-20-147	Public stenographers
WAC 458-20-152	Shoe repairmen and shoe
	shiners
WAC 458-20-215	Auditing out-of-state busi-
	ness
WAC 458-20-219	Patronage dividends of
	cooperative associations,
	not deductible

WAC 458-20-220

Painting, paper hanging, and sign painting

## WSR 92-19-046 WITHDRAWAL OF PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 10, 1992, 2:49 p.m.]

The Department of Social and Health Services is withdrawing the amendment of WAC 388-87-070 filed as a "proposal" under WSR 92-16-041 and distributed in the 92-16 State Register.

Les James, Director Administrative Services

### WSR 92-19-066 PROPOSED RULES DEPARTMENT OF ECOLOGY

[Order 91-58—Filed September 14, 1992, 9:13 a.m.]

Continuance of WSR 92-11-043.

Title of Rule: Chapter 173-492 WAC, Motor fuel specifications for oxygenated gasoline.

Purpose: Continue adoption date from September 14, 1992, to October 6, 1992.

Date of Intended Adoption: October 6, 1992.

September 14, 1992 Fred Olson Deputy Director

# WSR 92-19-078 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 14, 1992, 4:45 p.m.]

Original Notice.

Title of Rule: WAC 388-49-500 Income—Deductions, 388-49-505 Utility allowances, and 388-49-510 Income eligibility standards.

Purpose: The food and nutrition service adjusted various income and household deduction standards effective October 1, 1992. Income deductions to WAC 388-49-500 are raised. Utility allowances to WAC 388-49-505 are raised. Income eligibility standards to WAC 388-49-510 are raised.

Statutory Authority for Adoption: RCW 74.04.510. Statute Being Implemented: RCW 74.04.510.

Summary: WAC 388-49-500 Income deductions, raised the standard utility allowance to \$127, raised maximum shelter deduction to \$200, and raised homeless shelter cost to \$132; WAC 388-49-505 Utility allowances, raised for standard utility allowance to \$196; and WAC 388-49-510 Income eligibility standards, raised the gross and net income limits.

Reasons Supporting Proposal: As required by the Code of Federal Regulations, the food and nutrition service adjusted various income and household deduction standards effective October 1, 1992.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Dan Ohlson, Division of Income Assistance, 438-8326.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is necessary because of federal law, 7 CFR 273.9(a).

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

September 14, 1992 Leslie F. James, Director Administrative Services by Rosemary Carr

AMENDATORY SECTION (Amending Order 3367, filed 4/7/92, effective 5/8/92)

WAC 388-49-500 Income—Deductions. (1) The department shall allow the following deductions when computing net income:

- (a) A standard deduction of one hundred ((twenty two)) twenty-seven dollars per household per month;
- (b) An earned income deduction of twenty percent of gross earned income except as provided in WAC 388-49-640(8);
- (c) A dependent care deduction of the actual amount incurred not to exceed one hundred sixty dollars per dependent when care is necessary for a household inember to:
  - (i) Seek, accept, or continue employment; or
- (ii) Attend training or education preparatory to employment.
- (d) A deduction for nonreimbursable monthly medical expenses over thirty-five dollars incurred by an elderly or disabled household member;
- (e) Shelter costs in excess of fifty percent of the household's income after deducting the standard, earned income, medical, and dependent care deductions. The shelter deduction shall not exceed ((one-hundred ninety four)) two hundred dollars; and
- (f) An excess shelter deduction for the monthly amount exceeding fifty percent of the household's monthly income after all applicable deductions for households containing an elderly or disabled person.
  - (2) A household's shelter costs may include:

- (a) Costs for a home not occupied because of employment, training away from the home, illness, or abandonment caused by casualty loss or natural disaster shall be allowed if the:
  - (i) Household intends to return to the home;
- (ii) Current occupants, if any, are not claiming shelter costs for food stamp purposes; and
- (iii) Home is not being leased or rented during the household's absence.
- (b) Charges for the repair of the home substantially damaged or destroyed due to a natural disaster;
- (c) The standard utility allowance when a household incurs any separate utility charges for heating or cooling costs. A household may incur a separate utility charge when the household:
  - (i) Has not yet received a billing for utilities;
- (ii) Is billed monthly by the landlord for actual usage as determined through individual metering; or
- (iii) Shares residence and utility costs with other persons, in which case the deduction is for the household's prorated share of the standard allowance.
- (d) Actual utility costs rather than the standard utility allowance if the household is:
  - (i) Not entitled to the standard utility allowance; or
- (ii) Requesting use of actual utility bills. A monthly telephone standard shall be allowed for households incurring telephone expenses if the household is not entitled to claim the standard utility allowance.
- (e) A shelter amount of one hundred ((twenty eight)) thirty-two dollars when all household members are homeless as specified under WAC 388-49-020(36) and the household incurs or expects to incur:
- (i) Monthly shelter costs no greater than one hundred ((twenty-eight)) thirty-two dollars; or
- (ii) Unverified shelter costs exceeding one hundred ((twenty-eight)) thirty-two dollars.
- (3) A household may switch between actual utility costs and the standard utility allowance:
  - (a) At each recertification; and
- (b) One additional time during each twelve-month period following the initial certification action.
- (4) The department shall provide excess medical or shelter deductions effective with supplemental security income (SSI) eligibility when households:
- (a) Become categorically eligible within the time limits specified under WAC 388-49-120 and 388-49-150 after a food stamp application;
- (b) Receive food stamps as a nonassistance household until becoming categorically eligible; or
- (c) Become categorically eligible after denial of nonassistance food stamps.
- (5) The department shall not provide a deduction for that portion of a deductible expense, described under this section, paid by an excluded:
  - (a) Reimbursement; or
- (b) Vendor payment, except for Low Income Home Energy Assistance Act (LIHEAA) payments.
  - (6) The department shall verify:
- (a) Dependent care costs including changes, except in prospective budgeting; and
- (b) Medical expenses and the reimbursement amounts resulting in a deduction:

- (i) At recertification, if the amount has changed more than twenty-five dollars; and
- (ii) On a monthly basis for a household subject to monthly reporting.
- (c) Actual shelter costs for homeless households when such rosts exceed the amount in subsection (2)(e) of this section.
- (([(i) r. \lambda household members are homeless individuals according to \lambda \text{VAC 388 49 020(36) for the entire month; and
- (ii) Such costs exceed the amount in subsection (1)(g) of this section.]))
- (7) If medical reimbursement cannot be verified, the department shall certify the household without allowing the deduction, except in prospective budgeting.

### AMENDATORY SECTION (Amending Order 3154, filed 3/26/91, effective 4/26/91)

### WAC 388-49-505 Utility allowances. (1) The department shall:

- (a) Establish an annualized standard utility allowance for use in calculating shelter costs;
- (b) Obtain FNS approval of the methodology used to establish the standard utility allowance;
  - (c) Establish a separate annualized telephone allowance;
- (d) Obtain FNS approval of the methodology used to establish the telephone allowance.
- (2) The annual standard utility allowance shall be one hundred and ((seventy-two)) ninety-six dollars.
- (3) The monthly telephone standard shall be twenty-five dollars.

### AMENDATORY SECTION (Amending Order 3292, filed 11/19/91, effective 12/20/91)

- WAC 388-49-510 Income eligibility standards. (1) Categorically eligible households, as described in WAC 388-49-180, are not subject to the provisions of this section.
- (2) The department shall determine eligibility on the basis of gross income and net food stamp income except for households in subsection (3) of this section.
- (3) The department shall determine eligibility on the basis of net food stamp income for households containing an elderly or disabled member.
- (4) The gross and net monthly maximum income standards as established by the department of agriculture are as follows:

#### Gross Monthly Income Standard

Household Size	Maximum Standard		
1	\$ (( <del>718</del> ))		
2	738 (( <del>962</del> ))		
3	996 (( <del>1,207</del> ))		
4	$\frac{1,254}{((1,452))}$		
5	· <u>1,512</u> (( <del>1,697</del> ))		
6	1,770 ((1,942))		

7		$\frac{2,027}{((2,187))}$
		2,285
8		(( <del>2,431</del> )) 2,543
9		$\overline{((2,676))}$
10		2,801 (( <del>2,921</del> ))
Each additional person	+	3,059 (( <del>245</del> ))
		<u> 238</u>

#### Net Monthly Income Standard

Household Size	Maximum Standard
1	\$ (( <del>552</del> ))
2	<u>568</u> (( <del>740</del> ))
3	<u>766</u> (( <del>929</del> )) 965
4	903 (( <del>1,117</del> ))
	<u>1,163</u>
5	(( <del>1,305</del> ))
	<u>1,361</u>
6	(( <del>1,494</del> ))
_	<u>1,560</u>
7	(( <del>1,682</del> ))
_	<u>1,758</u>
8	(( <del>1,870</del> ))
_	<u>1,956</u>
9	(( <del>2,059</del> ))
	<u>2,155</u>
10	(( <del>2,248</del> ))
	<u>2,354</u>
Each additional person	+ (( <del>189</del> ))
	<u>199</u>

### WSR 92-19-079 PROPOSED RULES DEPARTMENT OF ECOLOGY

[Order 91-57—Filed September 15, 1992, 8:55 a.m.]

Continuance of WSR 92-12-026.

Title of Rule: Chapter 173-425 WAC, Open burning. Purpose: Continue adoption date from September 15, 1992, to November 10, 1992.

Date of Intended Adoption: November 10, 1992.

September 15, 1992 Fred Olson Deputy Director

### WSR 92-19-083 PROPOSED RULES DEPARTMENT OF HEALTH

[Filed September 15, 1992, 1:42 p.m.]

Original Notice.

Title of Rule: Public water supplies—Water system project review and approval fees.

Purpose: To update fees charged for review and approval of required documents and requests for service from public water systems.

Statutory Authority for Adoption: RCW 43.20B.020.

Summary: The revision to this section updates the fee schedule and adds new categories to the list of review documents and requests made by public water systems to the Department of Health, Division of Drinking Water.

Reasons Supporting Proposal: Fees haven't been increased since 1983. Legislative direction to agencies to implement fees for service to recover actual costs.

Name of Agency Personnel Responsible for Drafting: John Aden, Airdustrial Center #3, 7822, SCAN 366-0441; Implementation: B. David Clark, Airdustrial Center #3, 7822, SCAN 234-1280; and Enforcement: John Aden, Airdustrial Center #3, 7822, SCAN 366-0441.

Name of Proponent: Department of Health, governmental

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Revision to establish fees consistent with current requirements and to recover actual costs of work performed by department staff for review and approval of required documents and requests for service. Water system purveyors wishing to have inspections made and/or documents reviewed and approved will be required to pay the cost of these services.

Proposal Changes the Following Existing Rules: Revises existing WAC section to reflect updated fee schedule and requirement for submittal of payment prior to action by the department.

Small Business Economic Impact Statement: The Department of Health, Division of Drinking Water administers State Board of Health rules that require review and approval of public water systems including, but not limited to plans, project reports, construction documents, well-site inspections and comprehensive system evaluations. Public water systems are required to maintain compliance with applicable rules including submittal of documents for review and approval by the department. There are more than 13,000 public water systems subject to these rules. To the degree practical, fees are based on the actual cost of providing the designated review and/or service. Review complexity and corresponding fees charged vary between project types and over the range of system size. In general larger systems are required to pay a larger fee based on the complexity of the project or evaluation. Some fees, however do not vary with system size because departmental review requires the same effort in all cases.

The Regulatory Fairness Act, chapter 19.85 RCW, requires that rules which have an economic impact on more than 20 percent of all industries or more than 10 percent of the businesses in any one industry (as defined by the 3 digit

SIC Code) be reviewed and altered to minimize their impact on small business. Small water supply industries as identified under SIC Code 494, make up more than 10 percent of the industries in this category and therefore fall under the requirements of this act.

The fees being revised under WAC 246-290-990 clearly have a direct economic impact on public water systems. The department has determined that the best way to minimize the impact on small systems is to charge a smaller fee than is generally charged large systems which submit the same category of document for review and approval. One example would be where a small system submitted a project report regarding installation of complex treatment and the corresponding fee would be \$300.00 compared to a very large system being charged \$2,050.00 for the same category of project report.

Hearing Location: OB-2 (Office Building Two) Auditorium, 14th and Jefferson, Olympia, Washington 98504, on October 27, 1992, at 1:00 p.m.

Submit Written Comments to: Ann Foster, Department of Health, Rules Management, 1300 S.E. Quince Street, P.O. Box 47902, Olympia, WA 98504-7902, by October 23, 1992. Date of Intended Adoption: November 3, 1992.

September 10, 1992 Kristine M. Gebbie Secretary

AMENDATORY SECTION (Amending Order 121, filed 12/27/90, effective 1/31/91)

WAC 246-290-990 Water system evaluation and project review and approval fees. (1) The ((review and approval)) fees for ((planning, engineering, and construction documents)) the review and approval of water system plans, project reports, construction documents, existing systems, and related evaluations required under chapters ((248-54 and 248-56)) 246-290 and 246-293 WAC shall be as follows:

(((a) Water system plans

#### WSR 92-19-083

#### Washington State Register, Issue 92-19

			Clo	ss 1
			100 To 999	1,000 or
Project Type	Class 4	Class 2 & 3	Services	More-Services
Water system plan	No Plan	No Plan	500.00	1,000.00
Required	Required			
Water system plan letter	No Fee	No Fee	No-Fee	No Fee
update or coordinated water				
system plan or water system				
planning questionnaire			·····	·····
b) Project-engineering reports				ss 1
	100 To 999	1,000 or		
Project Type	Class 4	Class 2 & 3	Services	
All types of filtration or	250.00	500.00	1,000.00	<del>1,500.00</del>
other complex treatment processes				
-				
Chemical addition for corrosion control, or	No Report	No Report Required	300.00	<del></del>
Fe and Mn control	Required	- required		
Disinfection or fluori	No Report	No Report	100.00	200.00
dation when no other	Required	Required		<del>-</del>
process is involved				
Complete water system	No Report	No Report	400.00	700.00
which requires a detailed	Required	Required		
report to show how it will				
meet standards and regula- tions and operate properly				
Major-system-modifications	100.00	200.00	300.00	500.00
such as source, storage,				
or transmission, which				
change the system enough				
to require a detailed				
report to show how it will meet the regulations				
will incertate regulations		<del></del>		
a) Project along and appointment		·		
e) Project plans and specifications				
Project Type	100 To 999 Class 4	1,000 or Class 2 & 3	Services	More Services
				<del></del>
All types of filtration	250.00	500.00	1,000.00	1,500.00
or other complex treatment processes				
Chemical addition for	100.00	150.00	300.00	400.00
corresion control or Fe and	100.00	1 30.00	300.00	<del></del>
Mn-control or-disinfection				
or fluoridation when no other				
treatment process is involved				
Complete water system which	200.00	400.00		800.00
has not and-will-not be				
constructed prior to approval				
New source of supply for	150.00	200.00	300.00	400.00
an-existing water system				
Standard plans and speci	100.00	150.00	200.00	300.00
fications for water line				
installation, or booster				
pump station, or storage				
reservoir, or transmission/ distribution water lines				
roposed		[ 46 ]	·	
10p030u		L TO J		

Well-site approval including the site inspection and hydro- geologic information review	100.00	100.00	100.00	100.00
Water-system compliance report	75.00	75.00	75.00	75.00

- (2) Additional review and approval fees may be assessed as follows:
- (a) The basic fee covers services through the second review letter. If additional services or submittals are required for an approval to be made, an additional twenty-five percent of the original fee will be assessed for each subsequent service or review.
- (b) Fees for approval of as built plans and specifications for water system projects which were constructed without written approval, shall be twice the amount shown in subsection (1)(c) of this section.))
- (a) Water system plans required under WAC 246-290-100, 246-293-220, and 246-293-230.

100, 240-293-220, and 2	40-293-230.					
			···········	Group A	<del>-</del>	
Project Type	Group B	<100 Services	100 to 500 Services	501 to 999 Services	1,000 to 9,999 Services	10,000 or more Services
Water system plan (New and Updated) 1 Minor water system plan	100.00	350.00	850.00	1,600.00	2,600.00	3,850.00
alteration	<u>25.00</u>	<u>85.00</u>	<u>210.00</u>	400.00	<u>650.00</u>	950.00
1 Requirements for satellite	e management ag	gencies are addresse	d within a water system	plant.		
(b) Project reports requir	ed under WAC 2	<u>246-290-110.</u>				
				Group A		
Project Type	Group B	<100 Services	100 to 500 Services	501 to 999 Services	1,000 to 9,999 Services	10,000 or more Services
	Oloup D	<u> </u>	<u> </u>	<u>BCI VICCS</u>	<u>bervices</u>	<u>Bervices</u>
All types of filtration or other complex treatment processes	<u>300.00</u>	500.00	<u>775.00</u>	<u>1,125.00</u>	<u>1,550.00</u>	2,050.00
Chemical addition only, such as ion exchange, hypochlorination, corrosion control, or fluoridation	75.00	<u>150.00</u>	250.00	<u>375.00</u>	<u>525.00</u>	700.00
Complete water system (an additional fee shall be assessed for review of treatment facility. if any)	200.00	<u>350.00</u>	550.00	<u>800.00</u>	<u>1,100.00</u>	1.450.00
System modifications requiring a detailed evaluation to determine whether the system, as modified, will comply with regulations (an additional fee shall be assessed for review of	150.00	250.00			250.00	
treatment facility, if any)	<u>150.00</u>	<u>250.00</u>	400.00	600.00	850.00	1,150.00

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#### Washington State Register, Issue 92-19

(c) Construction documents required under WAC 246-290-120.

(c) Construction documen	ts required und	er WAC 246-290-12	<u>20.</u>			
				Group A	1,000 to	10,000
Project Type	Group B	<100 Services	100 to 500 Services	501 to 999 Services	9,999 Services	or more Services
All types of filtration		-				
or other complex treatment processes	300.00	500.00	775.00	1,125.00	1,550.00	2,050.00
Chemical addition only, such						<del></del>
as ion exchange,						
hypochlorination, corrosion control, or fluoridation	75.00	150.00	250.00	375.00	525.00	700.00
Complete new water system						
except treatment (an						
additional fee shall be assessed for review of						
treatment facility, if	300.00	450.00	650.00	900.00	1,200.00	1,550.00
any)	300.00	430.00	030.00	900.00	1,200.00	1,530.00
New source only (an additional fee shall be						
assessed for review of treatment facility, if						
any)	200.00	275.00	<u>375.00</u>	500.00	650.00	825.00
One or more of the following						· · · · · · · · · · · · · · · · · · ·
submitted as a package: Water line installation,						
booster pump station,		•				
modifications to source piping-valving, controls		•				
or storage reservoir (an additional fee shall be						
assessed for review of						
if any)	100.00	175.00	275.00	400.00	550.00	725.00
(N. 70. 1. 1.						
(d) Existing system appro is expanding or nonexpanding.	vai requirea un	der WAC 246-290-1	40. For the purpose of	this subsection the depa	irtment shall determine	whether a system
		<del> </del>		Group A		
		<100	100 to 500	501 to 999	1,000 to 9,999	10,000 or more
Project Type	Group B	Services	Services	Services	Services	Services
NONEXPANDING system buil	<u>lt</u>					
before November 10, 1989  — As-built approval						
Without treatment With chemical addition	700.00 850.00	1,020.00 1,320.00	1,460.00 1,960.00	2,020.00 2,770.00	2,700.00 3,750.00	3,500.00 4,900.00
With complex treatment	1,450.00	2,320.00	3,510.00	5,020.00	6,850.00	9,000.00
EXPANDING system built						-
before November 10, 1989As-built approval						
Without treatment With chemical addition	1,050.00 1,200.00	1,670.00 1,970.00	2,685.00 3,185.00	4,095.00 4,845.00	<u>5,900.00</u> 6,950.00	8,100.00 9,500.00
With complex treatment	1,800.00	2,970.00	4,735.00	7,095.00	10,050.00	13,600.00
NONEXPANDING system buil	<u>lt</u>	:				<del></del>
after November 9, 1989 As-built approval						
Without treatment	1,050.00	1,670.00	2,685.00	4,095.00	5,900.00	8,100.00
With chemical addition With complex treatment	1,200.00 1,800.00	1,970.00 2,970.00	3,185.00 4,735.00	4,845.00 7,095.00	6,950.00 10,050.00	9,500.00 13,600.00
EXPANDING system built				<del></del>		
after November 9, 1989 As-built approval						
Without treatment	1,150.00	1,845.00	2,960.00	4,495.00	6,450.00	8,825.00
With chemical addition With complex treatment	1,300.00 1,900.00	2,145.00 3,145.00	3,460.00 5,010.00	5,245.00 7,495.00	7,500.00 10,600.00	10,225.00 14,325.00
Proposed		<del> </del>	[ 48 ]	<del></del>		
Toposcu			[ <del>40</del> ]			

not applicable

230.00

(e) Other evaluations and approvals. As applicable, these fees will be charged in addition to the basic fees assessed under (a) through (d) of this subsection. Group A 1,000 to 10,000 <100 100 to 500 501 to 999 9,999 or more Project Type Group B Services Services Services Services Services Well-site evaluation and approval including the site inspection and hydrogeologic information review. 200.00 220.00 260.00 320.00 400.00 500.00 Comprehensive system evaluation requested by purveyor for purpose of reducing routine

375.00

95.00

(2) To determine the appropriate fee for a noncommunity system, calculate the service equivalent by taking the average population served each day of operation and dividing by twenty-five for a transient noncommunity (TNC) system and two and one-half for nontransient noncommunity (NTNC) system. Use the number of service equivalents to find out what Group A size category to look under and submit the appropriate fee. (All noncommunity systems are Group A systems as described in WAC 246-290-020.)

250.00

No plan required

300.00

70.00

coliform monitoring to less

Coliform monitoring plan

than 5/month

- (3) Additional review and approval fees may be assessed as follows:
- (a) The basic fee covers an evaluation, or the review of an initial submittal and one resubmittal if required. If additional resubmittals are required, an additional twenty-five percent of the original fee will be assessed for each additional resubmittal.
- (b) Fees for services which the department determines are not described under subsection (1) of this section, will be calculated based on a rate of seventy-five dollars per hour.
- (c) Additional fees assessed by the department shall be billed to the purveyor using an itemized invoice.
- (4) All fees required under this section except as noted in subsection (3) of this section, shall be submitted with the appropriate documents or evaluation requests to the department prior to the department's review and approval. Failure to submit the required fee will result in return of the submittal packet or evaluation request. Payment of fees shall be in the form of a check or money order made payable to: The Department of Health. Payment of a fee shall not guarantee approval of the submitted document or evaluation request.
- (5) Purveyors unable to determine the appropriate fee payment to submit with required documents or evaluation requests should contact the department prior to submittal.

# WSR 92-19-084 WITHDRAWAL OF PROPOSED RULES SUPERINTENDENT OF PUBLIC INSTRUCTION

600.00

175.00

475.00

130.00

(By the Code Reviser's Office) [Filed September 16, 1992, 8:03 a.m.]

WAC 392-175-020, proposed by the Superintendent of Public Instruction in WSR 92-06-053, appearing in issue 92-06 of the State Register, which was distributed on March 18, 1992, is withdrawn by the code reviser's office under RCW 34.05.335(3), since the proposal was not adopted within the one hundred eighty day period allowed by the statute.

Kerry S. Radcliff, Editor Washington State Register

### WSR 92-19-085 WITHDRAWAL OF PROPOSED RULES UTILITIES AND TRANSPORTATION COMMISSION

(By the Code Reviser's Office) [Filed September 16, 1992, 8:05 a.m.]

WAC 480-93-161, proposed by the Utilities and Transportation Commission in WSR 92-06-086, appearing in issue 92-06 of the State Register, which was distributed on March 18, 1992, is withdrawn by the code reviser's office under RCW 34.05.335(3), since the proposal was not adopted within the one hundred eighty day period allowed by the statute.

Kerry S. Radcliff, Editor Washington State Register

# WSR 92-19-086 PROPOSED RULES UTILITIES AND TRANSPORTATION COMMISSION

[Filed September 16, 1992, 9:09 a.m.]

Original Notice.

Title of Rule: Repealer of recycling rate bidding requirements. The repealed sections are shown below as Appendix A, Docket No. 92-0633.

Purpose: Repeals WAC 480-70-600 through 480-70-640, which implemented a statute, RCW 81.77.150, which has expired through a sunset provision.

Statutory Authority for Adoption: RCW 80.01.040.

Statute Being Implemented: Repeals sections which implemented former RCW 81.77.150.

Summary: Repeals WAC 480-70-600, 480-70-610, 480-70-620, 480-70-630, and 480-70-640 which implemented RCW 81.77.150; statute expired June 30, 1991.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Paul Curl, Secretary, 1300 South Evergreen Park Drive S.W., Olympia, WA 98503 [98504], (206) 753-6451.

Name of Proponent: Washington Utilities and Transportation Commission, governmental.

Agency Comments or Recommendations, if any, as to Statutory Language, Implementation, Enforcement, and Fiscal Matters: No comments or recommendations are submitted because the proposal is pursuant to legislative authorization in RCW 80.01.040.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: See Purpose above.

Proposal Changes the Following Existing Rules: Repeals existing rules.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

No economic values are affected by this action.

Hearing Location: Commission Hearing Room, #250, Second Floor, Chandler Plaza Building, 1300 South Evergreen Park Drive S.W., Olympia, WA 98504, on November 4, 1992, at 9:00 a.m.

Submit Written Comments to: Paul Curl, Secretary, P.O. Box 47250, Olympia, WA 98504, by October 14, 1992. Date of Intended Adoption: November 4, 1992.

September 9, 1992 Kathy Bartleson for Paul Curl Secretary

#### APPENDIX A

#### **REPEALER**

The following sections of the Washington Administrative Code is repealed:

WAC 480-70-600 WAC 480-70-610	Bidding—Definitions Bidding—Determination of market boundaries and compet- itiveness
WAC 480-70-620	Bidding—Petitions
WAC 480-70-630	Bidding—Notification of local
WAC 480-70-640	government Bidding process

## WSR 92-19-087 PROPOSED RULES UTILITIES AND TRANSPORTATION COMMISSION

[Filed September 16, 1992, 9:15 a.m.]

Original Notice.

Title of Rule: Amending WAC 480-09-300 and 480-09-310, and adopting WAC 480-09-335, relating to establishing prefiling rules for solid waste companies seeking an increase in rates and substituting the term periodic rate adjustment proceedings for its term energy cost adjustment proceedings. The proposed amendatory sections are shown below as Appendix A, Docket No. TG-920486.

Purpose: The proposed rule will improve the quality of solid waste rate filings at the commission. It will formally include solid waste as a type of public service company filing requiring concurrent documentation; address what constitutes a general rate increase and clarify those filings not classified a general rate increase; outline in detail the necessary accounting information that must be submitted with a request for a rate increase; and substitute periodic rate adjustments for energy cost adjustment proceedings.

Statutory Authority for Adoption: RCW 80.01.040. Statute Being Implemented: RCW 81.77.070,

81.77.160, and 81.04.130.

Summary: See purpose above.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Paul Curl, Secretary, 1300 South Evergreen Park Drive S.W., Olympia, WA 98503 [98504], (206) 753-6451.

Name of Proponent: Washington Utilities and Transportation Commission, governmental.

Agency Comments or Recommendations, if any, as to Statutory Language, Implementation, Enforcement, and Fiscal Matters: There are no comments or recommendations being submitted inasmuch as the proposal is pursuant to legislative authorization as reflected in RCW 80.01.040.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: See purpose above.

Proposal Changes the Following Existing Rules: The proposal amends WAC 480-09-300 by adding a reference to new section WAC 480-09-335 and by adding solid waste collection companies to those listed. The proposal amends WAC 480-09-310 by adding a reference to WAC 480-09-335, by including companies regulated under chapter 81.77 RCW, by deleting a reference to energy cost adjustment proceedings, by adding a reference to periodic rate adjustments for electric utilities and by defining which solid waste filings are not considered general rate increases.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

This proposal pertains to less than 10 percent of the businesses within the pertinent standard industrial code, and imposes no economic burden.

Hearing Location: Commission Hearing Room, Second Floor, Chandler Plaza Building, 1300 South Evergreen Park Drive S.W., Olympia, WA 98503 [98504], on October 28, 1992, at 9:00 a.m.

Submit Written Comments to: Paul Curl, by October 9, 1992.

Date of Intended Adoption: October 28, 1992.

September 9, 1992 Kathy Bartleson for Paul Curl Secretary

AMENDATORY SECTION (Amending Order R-310, Docket No. U-89-2966-R, filed 10/12/89, effective 11/12/89)

WAC 480-09-300 Filing requirements—Statement of policy. Statement of policy. The commission establishes the requirements of WAC 480-09-300 through ((480-09-330)) 480-09-335 for filings relating to general rate increases by electric, natural gas, ((and)) telecommunications, and solid waste collection companies subject to its jurisdiction. Requirements as to the form and content of filings will standardize presentations, clarify issues, and speed and simplify the processing of rate filings.

AMENDATORY SECTION (Amending Order R-310, Docket No. U-89-2966-R, filed 10/12/89, effective 11/12/89)

WAC 480-09-310 Filing requirements—Definition. (1) For the purposes of WAC 480-09-300 through ((480-09-330)) 480-09-335 only, a general rate increase filing is the request by any company regulated by the commission under Title 80 and chapter 81.77 RCW for an increase in rates which meets one or more of the following criteria:

(a) The amount requested would increase gross annual revenue of the company from activities regulated by the commission by three percent or more.

(b) Tariffs are restructured such that the gross revenue provided by any customer class would increase by three percent or more.

(c) The company requests a change in its authorized rate of return on common equity or capital structure.

(d) The company is regulated under chapter 81.77 RCW.

(2) The following proceedings shall not be considered general rate increases for companies regulated under Title 80 RCW even though the revenue requested may exceed three percent of the company's gross annual revenue from Washington regulated operations: ((Energy cost adjustment proceedings;)) Periodic rate adjustments for electric utilities as may be authorized by the commission; natural gas tracking increases; emergency or other short-notice increases caused by disaster or weather-related conditions unexpectedly increasing a public service expense; rate increases designed to recover governmentally-imposed increases in costs of doing business such as changes in tax laws or ordinances; or other increases designed to recover increased expenses arising on short notice and beyond the public service company's control.

(3) The following proceedings shall not be considered general rate increases for companies regulated under chapter 81.77 RCW even though the request may increase the company's gross annual revenue from Washington regulated operations: Tariff item 230 - disposal fee pass through for drop-box service only provided there are no affiliated interest relationships; filings for collection of per-customer surcharges imposed by the jurisdictional local government

based on current year customer count either as a specified dollar amount or percentage fee amount; and, for the implementation of new programs.

#### **NEW SECTION**

WAC 480-09-335 Filing requirements—General rate increases solid waste collection companies. General rate increase filings by class A and B haulers as defined in WAC 480-70-350 shall include at the time of the filing, at least the following information:

(1) All supporting work papers to include:

- (a) Two copies of the proposed tariff, a copy of every local government ordinance related to the request, and a copy of the customer notices issued in compliance with the provisions of WAC 480-149-120 and a transmittal letter prepared in compliance with the provisions of WAC 480-149-120 and 480-70-240.
- (b) A detailed pro forma income statement separated between solid waste, single family residential recycling, multifamily recycling, and yard waste with restating actual and pro forma adjustments, as defined in WAC 480-09-330(2), including all supporting calculations and documentation for all adjustments.
- (c) A calculation of the revenue impact of proposed tariff revisions, and a detailed income statement, by month and by account, of all revenue and expenses.
- (d) A test period is that most recent, or most appropriate, twelve-month period, including four complete calendar quarters, for which financial data are available.
- (e) A detailed separation of all revenue and expenses between regulated and nonregulated operations, if nonregulated revenue represents more than ten percent of total company test period revenue.
- (f) A detailed list of all nonregulated operations, including the rates charged for the services rendered. Copies of all contracts shall be provided upon request.
- (g) Detailed price-out information which reconciles, to the test period, booked revenue including the test period customer count by tariff item.
- (h) A consolidated balance sheet, including the consolidated capital structure, with the percentage of debt and the embedded cost of that debt by component.
- (i) Detailed depreciation schedules regarding all used and useful assets held by the company during the test period, including the date of purchase, the cost at purchase, the depreciable life, the salvage value, depreciation expense, and accumulated depreciation expense at the end of the test period.
- (j) Computed average investment. Average investment is the net book value of allowable assets at the beginning of the test period plus the net book value of allowable assets at the end of the test period, divided by two.
- (k) Information about every affiliated interest transaction directly or indirectly affecting the proposed rates, including a full description of the relationship; terms and amount of the transaction; the length of time the relationship has been ongoing; and a complete income statement and balance sheet for every affiliated entity.
- (2) The most recent consolidated annual report, if any, to shareholders.

(3) All class A haulers shall submit a completed cost of service study.

September 16, 1992 Leslie F. James, Director Administrative Services by Rosemary Carr

# WSR 92-19-089 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 16, 1992, 10:17 a.m.]

Original Notice.

Title of Rule: WAC 388-49-470 Income exclusions.

Purpose: WAC 388-49-470 (1)(a), add language to clarify that income deduction from an income source, to repay an overpayment from the same income source, is excludable except for money repaid for an intentional public assistance overpayment. The previous language was correct, but the exception clause was necessary to clarify the intent; WAC 388-49-470 (1)(d), made a policy change with this subsection by adding language to limit an income exclusion for infrequent or irregular income to prospectively budgeted households. The previous language applied the exclusion to retrospectively and prospectively budgeted households; and WAC 388-49-470 (3)(b), added language as a technical correction to make the sentence grammatically correct. The previous language contained incomplete and confusing phrases.

Statutory Authority for Adoption: RCW 74.04.510.

Statute Being Implemented: RCW 74.04.510.

Summary: A food and nutrition service (FNS) clarification requires amending this subsection to comply with their policy. Technical corrections were required by adding language to clarify the policy already stated in the subsection (1)(a) and (3)(b). There were no policy changes.

Reasons Supporting Proposal: See Purpose above.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Dan Ohlson, Division of Income Assistance, 585-8326.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is necessary because of federal law, 7 CFR 273.9 (b)(5), (c)(2), and (c)(6).

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

AMENDATORY SECTION (Amending Order 3392, filed 5/19/92, effective 6/19/92)

WAC 388-49-470 Income—Exclusions. (1) The department shall exclude the following income:

- (a) Money withheld from an ((assistance payment, earned income, or other)) income source ((used)) to repay a prior overpayment from that same income source except for money withheld to recoup an intentional public assistance program overpayment;
- (b) Income specifically excluded by any federal statute from consideration as income in the food stamp program;
- (c) The earned income of household members who are:
  - (i) Seventeen years of age or under; and
  - (ii) Attending school at least half time.
- (d) Infrequent or irregular income, received during a three-month period by a prospectively budgeted household, that:
  - (i) Cannot be reasonably anticipated as available; and
- (ii) Shall not exceed thirty dollars for all household members.
- (e) Loans, including those from private individuals and commercial institutions, other than educational loans where repayment is deferred;
  - (f) Nonrecurring lump sum payments;
  - (g) The cost of producing self-employment income;
- (h) The portion of educational assistance earmarked by the school or actually used by the student for:
  - (i) Tuition;
- (ii) Mandatory fees, including rental or purchase of equipment, materials, and supplies related to pursuing the course of study;
  - (iii) Books;
  - (iv) Supplies;
  - (v) Transportation; and
  - (vi) Miscellaneous personal expenses.
- (i) Reimbursements for past or future expenses to the extent the reimbursements do not:
  - (i) Exceed the actual expense; and
  - (ii) Represent a gain or benefit to the household.
  - (j) Any gain or benefit not in money;
  - (k) Vendor payments as defined in WAC 388-49-020;
- (1) Money received and used for the care and maintenance of a third-party beneficiary who is not a household member;
- (m) Supplemental payments or allowances made under federal, state, or local laws for the purpose of offsetting increased energy costs;
- (n) Energy allowances included in AFDC, continuing general assistance, and refugee assistance grants.

Number in Grant Assistance Unit	Energy Exclusion
1	\$ 55
2	<b>7</b> 1
3	86

4	102
5	· 117
6	133
7	154
8 or more	170

- (o) Support payments owed to a household member, but specified by the support court order or other legally binding written support or alimony agreement to go directly to a third-party beneficiary rather than to the household;
- (p) Support payments on behalf of a household member, not required by the support court order or other legally binding written support or alimony agreement and paid directly to a third party rather than to the household;
- (q) Payments from the individual and family grant program;
  - (r) Public assistance payments:
  - (i) Over and above the regular warrant amount;
  - (ii) Not normally a part of the regular warrant; and
- (iii) Paid directly to a third party on behalf of the household.
  - (s) From Jobs Training Partnership Act programs:
  - (i) Allowances; and
- (ii) Earnings from on-the-job training by household members under parental control and eighteen years of age and younger.
  - (t) Cash donations based on need:
  - (i) Received directly by the household;
- (ii) From one or more private, nonprofit, charitable organizations; and
- (iii) Not exceeding three hundred dollars in any federal fiscal year quarter.
  - (u) Earned income credit.
- (2) When earnings or amount of work performed by a household member described in subsection (1)(c) of this section, cannot be differentiated from the earnings or work performed by other household members, the department shall:
- (a) Prorate the earnings equally among the working members; and
  - (b) Exclude the household member's pro rata share.
- (3) When the intended beneficiaries of a single payment for care and maintenance of a third-party beneficiary include both household members and persons not in the household, the department shall exclude:
- (a) Any identifiable portion intended and used for the care and maintenance of the person out of the household; or
- (b) ((If the portions are not readily identified as)) The lessor of:
- (i) ((An even pro rata share)) The actual amount used from a single payment for the care of a person outside the household; or
- (ii) ((The amount actually used for the care and maintenance of the person out of the household, whichever is less)) A prorata share of the single payment when the single payment does not identify the portion intended for the care of the person outside the household.

#### WSR 92-19-099 PROPOSED RULES DEPARTMENT OF HEALTH

[Filed September 17, 1992, 1:38 p.m.]

Original Notice.

Title of Rule: WAC 246-849-200 Apprenticeship training—Definitions, defines maximum number of hours that can be accumulated in one year, and what is required for direct supervision of apprentices; WAC 246-849-210 Registration of apprentices, describes the application process to register as an apprentice ocularist; WAC 246-849-220 Licensing examinations, adopts the National Examining Board of Ocularists examination; WAC 246-849-230 Filing of applications for examination and licensure, describes the license application process; WAC 246-849-240 Licensure by endorsement, defines terms which apply to licensure by endorsement; WAC 246-849-250 Licensure by endorsement—Eligibility and issuance, describes eligibility requirements and application process; WAC 246-849-260 Temporary permits, describes eligibility requirements; WAC 246-849-270 Retired active license, describes eligibility requirements, application process, and reinstatement to active status; WAC 246-849-280 Service disclosure, describes what information the ocularist is required to disclose to customers or patients. Establishes minimum retention for this document; and WAC 246-849-980 Initial license-Annual renewal-Fee-Penalty, requires assessment of a prorated initial license fee, establishes when a renewal is considered late, and process for assessing the late penalty fee.

Purpose: Implement legislative changes to the ocularist statute adopt national examination, and implement PLS division initiatives.

Statutory Authority for Adoption: RCW 18.55.095(1). Statute Being Implemented: Chapter 18.55 RCW.

Summary: Rules will allow the department to implement legislative changes, adopt the national examination, and implement PLS division initiatives.

Reasons Supporting Proposal: Current WACs do not support statute adequately.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Janice K. Boden, 1300 S.E. Ouince Street, Olympia, WA, (206) 753-3576.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: See Summary above.

Proposal does not change existing rules.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 (Office Building Two) Auditorium, 14th and Jefferson, Olympia, Washington 98504, on October 27, 1992, at 1:30 p.m.

Submit Written Comments to: Ann Foster, Rules Coordinator, 1300 S.E. Quince Street, P.O. Box 47902, Olympia, WA 98504-7902, by October 26, 1992.

. . . . .

Date of Intended Adoption: November 3, 1992.

September 15, 1992 Kristine M. Gebbie Secretary 

WAC 246-849-200 Apprenticeship training—Definitions. (1) For the purpose of administering and recording apprenticeship training and out-of-state work experience, the maximum number of hours that can be accumulated in one year shall be two thousand.

(2) "Direct supervision" means that the supervising ocularist inspect all of the apprentice's work and be physically present on the premises where the apprentice is working at all times.

#### **NEW SECTION**

WAC 246-849-210 Registration of apprentices. (1) An applicant for apprenticeship may request registration as an apprentice by submitting to the department:

- (a) An application on a form provided by the department;
  - (b) A fee as specified in WAC 246-849-990.
- (2) Training received from more than one supervisor shall require separate applications.
- (3) Only the apprenticeship training received subsequent to the date that the apprentice was formally registered with the secretary will be considered towards the required 10,000 hours necessary to sit for the examination.
- (4) A registered apprentice shall notify the department in writing whenever the apprenticeship training is terminated, unless such termination is concluded by reason of the apprentice becoming licensed as an ocularist.
- (5) A registered apprentice shall notify the department in writing within thirty days of any name or address change.
- (6) In order to facilitate comments on the apprentice's performance, the apprentice registration card along with the name, business address and business telephone number of the apprentice's supervisor shall be posted in public view on the premises where the apprentice works.

#### **NEW SECTION**

WAC 246-849-220 Licensing examination. (1) The National Examining Board of Ocularists (NEBO) examination is the official examination approved by the secretary for ocularist licensure.

#### **NEW SECTION**

WAC 246-849-230 Filing of applications for examination and licensure. (1) To file an application for the National Examining Board of Ocularist Examination, candidates shall submit a completed application and fee directly to the National Examining Board of Ocularists.

- (2) To apply for licensure, an individual shall submit to the department:
- (a) An application on a form provided by the department;
- (b) Proof of meeting the minimum qualifications for licensure;
  - (c) Verification of passing the NEBO examination:
- (d) A completed open-book state law examination provided by the department;
- (e) Proof of compliance with the AIDS prevention and information education requirements as listed in WAC 246-849-110; and

(f) A license fee as specified in WAC 246-849-990 prorated according to WAC 246-849-980(1).

#### **NEW SECTION**

WAC 246-849-240 Licensure by endorsement—Definitions. (1) For the purpose of licensure by endorsement the following definition shall apply:

- (a) "Credential in another state" means the applicant holds a current valid license to practice as an ocularist in another state.
- (b) "Substantially equivalent" means the applicant has successfully completed an examination administered by or authorized by either a national professional association or a state other than Washington state. The examination shall cover the same subject matters as the Washington state approved examination. The licensing law under which the applicant is licensed shall, at a minimum, include the duties described in RCW 18.55.075.

#### **NEW SECTION**

WAC 246-849-250 Licensure by endorsement— Eligibility and issuance. (1) The department shall issue a license by endorsement unless there is a basis for denial of the license or issuance of a conditional license. A person applying for a license by endorsement shall submit to the department:

- (a) A completed application on a form provided by the department;
  - (b) Application fee as specified in WAC 246-849-990;
- (c) Evidence satisfactory to the department that the education and examination requirements of the other state are substantially equivalent to that of Washington;
- (d) A completed open-book state law examination provided by the department;
- (e) Proof of compliance with the AIDS prevention and information education requirements as listed in WAC 246-849-110; and
- (f) A license fee as specified in WAC 246-849-990 prorated according to WAC 246-849-980(1).
- (2) Written documentation from all states in which the applicant is or has been licensed shall be submitted directly from the state of licensure to the department, verifying the applicant is in good standing and not subject to charges or disciplinary action for unprofessional conduct or impairment;
- (3) If licensure by endorsement is denied, the applicant may apply for licensure by examination in accordance with RCW 18.55.040. Endorsement application fees are non-refundable.
- (4) A license issued by endorsement shall be renewed in accordance with RCW 18.55.050.

#### **NEW SECTION**

WAC 246-849-260 Temporary permits. Eligibility requirements for a temporary permit are the same for licensure by endorsement (WAC 246-849-250). Individuals inquiring about temporary permits will be given information and an application for licensure by endorsement. Once an application is received and eligibility is approved, a license by endorsement shall be issued. If eligibility is denied, the

applicant may apply for licensure by examination in accordance with RCW 18.55.040 and WAC 246-849-230.

#### **NEW SECTION**

WAC 246-849-270 Retired active license. (1) A person holding a current Washington state ocularist license who wishes to practice only in emergency or intermittent circumstances may apply for a retired active license if that person:

- (a) Practices no more than sixty days each year in Washington State;
- (b) Does not wish to practice on an intermittent basis but is available to practice for an extended period of time for the purposes of providing his or her professional services in emergency circumstances such as times of declared war or other states of emergency.
- (2) An individual requesting a retired active license status shall submit a letter notifying the department of his or her intent to practice only on an intermittent or emergency basis. Active retired licenses will not be retroactively issued for prior years.
- (3) An active retired license is subject to annual renewal and penalty for late renewal as established in RCW 18.55.050 AND WAC 246-849-980. Subsequent to being issued a retired active license, the licensee shall report, with the annual renewal the dates and circumstances under which the licensee practiced during the previous year.
- (4) To reinstate the license to an active license status the licensee shall notify the department in writing five days in advance of the change and pay a reinstatement fee as specified in WAC 246-849-990.
- (5) Individuals on a retired active license status are subject to chapter 18.130 RCW to the same extent as individuals holding an active license.

#### **NEW SECTION**

WAC 246-849-280 Service disclosure. The ocularist shall provide a written explanation of services to customers or patients. This explanation shall include at a minimum the type of prosthesis or service they are receiving or purchasing. This explanation shall be signed by the customer or patient and maintained in the customer or patient records for a minimum of three years. This documentation shall be available and furnished to the department upon request.

#### **NEW SECTION**

WAC 246-849-980 Initial license—Annual renewal—Fee—Penalty. (1) The initial license fee shall be prorated based upon 1/12th of the annual renewal fee for each full calendar month between the initial issue date and the following July first;

- (2) Each license and registration shall be renewed annually prior to the July first expiration date established in RCW 18.55.030.
- (3) A licensee/registrant may renew his or her license or registration by submitting the annual renewal fee to the department. Any renewal that is postmarked or presented to the department after midnight on the expiration date is late, and subject to a late renewal penalty fee;

- (4) Failure to timely renew a license/registration shall invalidate the license/registration and all privileges granted by the license/registration. Any licensee registrant subject to the Uniform Disciplinary Act who submits a late renewal which is postmarked or presented to the department more than thirty days after its expiration date, will be subject to investigation for unprofessional conduct in accordance with RCW 18.130.180(7) for unlicensed/registered practice;
- (5) A licensee/registrant who fails to renew his or her license/registration on or before its expiration date will remit to the department a late penalty fee in addition to the annual renewal fee. Late renewal penalty fees shall be based on the following formula:

If the annual renewal
From \$1 to \$50 . . . . . . 100% of the renewal fee
From \$51 to \$100 . . . . \$50 flat fee
\$101 or more . . . . . 50% of the renewal fee, but no
more than \$300

(6) Any late penalty fee due and payable on or after the effective date of this rule shall be assessed and paid according to the above late renewal fee schedule and any other fee rule then in effect.

## WSR 92-19-103 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 17, 1992, 3:47 p.m.]

Original Notice.

Title of Rule: WAC 388-92-041 Medicaid qualifying trusts.

Purpose: Clarification of language.

Statutory Authority for Adoption: RCW 74.08.090.

Statute Being Implemented: RCW 74.08.090.

Summary: Clarifies that a Medicaid qualifying trust may be set up by a legal guardian, in addition to client or spouse.

Reasons Supporting Proposal: Clarify language and intent. It is in the best interest of the public to amend this WAC. This WAC is amended to be consistent with present policy.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Joanie Scotson, Medical Assistance Administration, 753-7462.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

September 17, 1992 Leslie F. James, Director Administrative Services

AMENDATORY SECTION (Amending Order 2486, filed 5/1/87)

WAC 388-92-041 Medicaid qualifying trusts. (1) A Medicaid qualifying trust is a grantor trust, or other similar legal device, set up by the client (((or)), client's spouse(())), or the legal guardian for an incompetent client under which:

- (a) The client may be the beneficiary of all or part of the payments from the trust; and
- (b) The distribution of such payments is determined by one or more trustees; and
- (c) The trustees are permitted to use discretion with respect to the distribution to the client.
- (2) The amount deemed to be available to the client from the trust is the greatest amount of payments permitted to be distributed under the terms of the trust.
  - (3) This section shall apply:
  - (a) Whether or not the Medicaid qualifying trust:
  - (i) Is irrevocable; or
- (ii) Is established for purposes other than to establish eligibility for medical assistance.
- (b) Whether or not the trustees actually use the discretion permitted by the trust.
- (4) The department shall waive the requirements of this section if undue hardship exists. Each case involving a Medicaid qualifying trust shall be evaluated on an individual basis to decide if undue hardship exists. Undue hardship shall include but not be limited to situations in which:
- (a) The trustee has refused to disburse the funds from the trust and the client has filed and is actively pursuing litigation to require the trustee to disburse said funds; or
- (b) The client would be forced to go without life sustaining services because trust funds are not made available to pay for the services.
- (5) This section shall not apply to any trust or initial trust decree established:
  - (a) Prior to April 7, 1986; and
- (b) Solely for the benefit of a mentally retarded client who lives in an intermediate care facility for the mentally retarded.

# WSR 92-19-104 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 17, 1992, 3:47 p.m.]

Original Notice.

Title of Rule: WAC 388-87-105 Payment—Medical care outside state of Washington.

Purpose: To clarify the length of time allowed for outof-state providers to bill. Technically changes language for easier reading. Deletes that an out-of-state provider has one year to bill after receiving their provider number. New language allows one year to bill from date of service.

Statutory Authority for Adoption: RCW 74.08.090. Statute Being Implemented: RCW 74.08.090.

Summary: Deletes that an out-of-state provider has one year to bill after receiving their provider number. New language allows one year to bill from date of service.

Reasons Supporting Proposal: To clarify the length of time allowed for out-of-state providers to bill. Technically changes language for easier reading.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Bobbe Andersen, Medical Assistance Administration, 753-0529.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington, 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuance, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 29, 1992.

September 17, 1992 Leslie F. James, Director Administrative Services

AMENDATORY SECTION (Amending Order 3248, filed 9/24/91, effective 10/25/91)

WAC 388-87-105 Payment—Medical care outside state of Washington. (1) The department shall consider medical care furnished in designated bordering cities ((is not considered)) to be ((out of state)) care within Washington state. ((Payment is made to)) The department shall pay the provider of service as ((for)) if the care were provided within the state of Washington. Provider licensure requirements are those of the state in which care is rendered.

- (2) ((Payment)) <u>The department</u> shall not ((be authorized)) <u>authorize payment</u> for out-of-state medical care furnished to state-funded ((recipients)) clients.
- (3) The three-month retroactive coverage as defined under WAC 388-80-005 shall apply to out-of-state care given for covered medical care to eligible clients.
- (4) The department shall furnish out-of-state providers, who do not have a current provider number (agreement), ((shall-be-furnished)) with necessary billing forms, instructions, and a core provider agreement.
- (5) Upon receipt of the signed core provider agreement from the out-of-state provider, the department shall issue a provider number ((shall-be-issued)).

- (6) ((Final charges from out of state providers without a current provider number must be presented no later than twelve months from the date of the issuance of a provider number.
- (7))) Out-of-state providers ((with a current-provider number (agreement))) are subject to the billing requirements of WAC 388-87-010 and 388-87-015.
- (((8) If the deductible or coinsurance portions of)) (7) Providers shall submit Medicare ((are claimed, it will be necessary for the provider to submit his billing)) claims, on the appropriate Medicare billing form, to the intermediary or carrier in ((his own)) the provider's state ((on the appropriate Medicare billing form)). If the provider checks the Medicare billing form to show state of Washington ((is checked)) as being responsible for medical billing ((on the form,)) the intermediary or carrier may bill on behalf of the provider or may return the billing to the provider for submission to ((the)) Washington state.
- (((9))) (8) Approved out-of-state nursing facility reimbursement rate is the lower of:
  - (a) The billed amount; or
- (b) The adjusted state-wide average reimbursement rate for in-state nursing facility care.
- (((10))) (9) The reimbursement rate for out-of-state hospitals is the lower of:
  - (a) The billed amount; or
- (b) The adjusted state-wide average reimbursement rate for in-state hospitals.
- (((11))) (10) The reimbursement for other out-of-state services is the lower of:
  - (a) The billed amount; or
- (b) The rate paid by the Washington state Title XIX Medicaid program.

# WSR 92-19-105 PROPOSED RULES OFFICE OF INSURANCE COMMISSIONER

[Filed September 18, 1992, 10:22 a.m.]

Original Notice.

Title of Rule: Insurance Commissioner's Office, organization and operations.

Purpose: To amend chapter 284-02 WAC to keep it

Other Identifying Information: Insurance Commissioner Matter No. R 92-18.

Statutory Authority for Adoption: RCW 48.02.060. Statute Being Implemented: RCW 34.05.220.

Summary: The insurance commissioner has reorganized the office: (1) A separate Rates and Forms Regulation Division was created. (2) The Senior Health Insurance Benefits Advisor (SHIBA) program was moved from the Consumer Protection Division to a Special Programs unit and reports directly to the commissioner.

Reasons Supporting Proposal: This reorganization reflects the growth in importance of each of these functions. The proposed amendments merely advise the public of an administrative reorganization of the office.

Name of Agency Personnel Responsible for Drafting: Melodie Bankers, Insurance Building, Olympia, Washington, (206) 753-7300; Implementation and Enforcement: David H. Rodgers, Insurance Building, Olympia, Washington, (206) 753-7300.

Name of Proponent: Dick Marquardt, Insurance Commissioner, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The insurance commissioner has reorganized the office: (1) A separate Rates and Forms Regulation Division was created. (2) The Senior Health Insurance Benefits Advisor (SHIBA) program was moved from the Consumer Protection Division to a Special Programs unit and reports directly to the commissioner.

Proposal Changes the Following Existing Rules: Establishes separate divisions for rates and forms regulation and senior health insurance regulation.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

These proposed amendments will have no impact on businesses, large or small. Chapter 284-02 WAC is informational only and requires no action by any licensee of the insurance commissioner.

Hearing Location: Insurance Commissioner's Office, Insurance Building, Conference Room, Olympia, Washington, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Insurance Commissioner, Insurance Building, P.O. Box 40255, Olympia, WA 98504-0255, by October 27, 1992.

Date of Intended Adoption: October 27, 1992.

September 15, 1992
Dick Marquardt
Insurance Commissioner
by Melodie Bankers
Assistant Deputy Commissioner
Consumer Protection

AMENDATORY SECTION (Amending Order R 91-5, filed 8/13/91, effective 9/13/91)

WAC 284-02-020 Organization and operations. The insurance commissioner is the head of an agency generally referred to as the insurance commissioner's office, and as such is its chief administrative officer. The commissioner's office consists of ((three)) four major divisions: Administrative, company supervision, rates and forms regulation, and consumer protection. The commissioner may appoint a chief deputy commissioner who has the same powers as are granted to the commissioner. The commissioner may appoint additional deputy commissioners for such purposes as he may designate (RCW 48.02.090). The commissioner may appoint a chief hearing officer who will have primary responsibility for the conduct of hearings, the procedural matters preliminary thereto, and the preservation of hearing records. The position of chief hearing officer does not report to any of the three major divisions of the commissioner's office.

- (1) Administrative division.
- (a) Licensing and insurance education. Licenses are issued to individuals, partnerships, and corporations to act as

insurance agents, brokers, solicitors, adjusters, and premium finance companies. Insurance education and licensing renewal requirements are the responsibility of this section and the content of continuing education programs is supervised by it.

- (b) Taxes, fees, and accounting responsibilities. Taxes and fees imposed by the insurance code are collected and processed by the commissioner.
- (i) Both domestic and foreign insurers are taxed on gross premium, pursuant to RCW 48.14.020. Fraternal benefit societies and title insurers are not taxed, as provided in chapters 48.36A and 48.14 RCW, respectively. Surplus line insurance is taxed pursuant to the provisions of RCW 48.15.120. Health care service contractors and health maintenance organizations are not taxed. The current rate of taxation is stated at RCW 48.14.020. Under the retaliatory provisions of RCW 48.14.040, if the laws of another state or country impose any taxes, fees, or other obligations in excess of the rate charged a Washington domestic insurer, a like rate or obligation may be imposed by the commissioner.
- (ii) Fees paid by insurers (RCW 48.14.010), health care service contractors (RCW 48.44.040), health maintenance organizations (RCW 48.46.140), and agents, brokers, solicitors, and adjusters (chapter 48.17 RCW) are also collected by the administrative division.
- (2) Company supervision division. The deputy commissioner for company supervision supervises admission of all insurers and examines their financial condition ((and adequacy of their forms and rates)).
- (a) Admissions of companies. Admission of insurance companies, fraternal benefit societies, health care service contractors, and health maintenance organizations is administered by the company supervision division. Additionally the commissioner, through this division, approves proxy statements of domestic stock companies (RCW 48.08.090), supervises the insider trading law (RCW 48.08.100 through 48.08.170) and control of domestic insurers (chapter 48.31A RCW), registers liability risk retention groups (chapter 48.92 RCW), handles certification of official documents, and approves company names.
- (b) Examinations (financial and market conduct). Examination of authorized insurers is regulated by chapter 48.03 RCW. Each domestic insurer and each rating organization and examining bureau licensed in this state is examined as often as the commissioner deems advisable but at least once in every five years. Examinations of advisory organizations and underwriting or reinsurance groups are performed as often as the commissioner deems appropriate. The commissioner may accept the last recent examination of nondomestic insurers. Examiners analyze the insurers' various accounts, records, and files to determine the financial condition of the company and to ascertain whether business is being conducted in conformity with the insurance code and its regulations. Reports of examinations are furnished to the organization, which then has ten days to request a hearing to consider objections to the report. Once the hearing has been held and modifications deemed necessary have been made, the report may then be made public; although the commissioner may withhold the report if it is in the public interest to do so (RCW 48.03.050).
- (((e))) (3) Rates and forms ((review)) regulation division. ((The company supervision)) This division

approves forms for policies, applications, policy riders, and endorsements (RCW 48.18.110), and may disapprove such forms pursuant to grounds set forth in RCW 48.18.110. Rates for property, surety, and casualty insurance (chapter 48.19 RCW), and title insurance (RCW 48.29.140) are also approved by this division. Rates may not be excessive. inadequate, or unfairly discriminatory (RCW 28.19.020). Additionally, the insurance commissioner may disapprove rates for disability insurance (RCW 48.18.110), for credit insurance (RCW 48.34.100), and long-term care insurance (RCW 48.84.030), when the rates charged are not reasonable in relation to the benefits conferred. Prima facie acceptable rates have been established for credit insurance (WAC 284-34-010). Contract forms for health care service contractors may be disapproved pursuant to RCW 48.44.020 and health care agreements for health maintenance organizations may be disapproved pursuant to RCW 48.46.060.

(((3))) (4) Consumer protection division. The deputies in the consumer protection division act as consumer advocates by rendering assistance to consumers who make complaints against insurers. In addition, this division drafts changes to, and interprets issues relative to, the insurance code and its regulations, performs special consumer advocacy functions relating to education of senior citizens, and investigates licensees to insure compliance with the insurance laws and rules of this state.

- (a) Consumer assistance. Code compliance officers, currently located in offices of the insurance commissioner in Olympia, Seattle, Spokane, Tacoma and Yakima, handle written and oral inquiries and complaints from policyholders and claimants. Assistance is rendered by the commissioner pursuant to authority to enforce the various provisions of the insurance code, including RCW 48.02.060, 48.02.080, and 48.02.160, and based on authority to take disciplinary action against an insurance company and other licensees. While the consumer protection division provides assistance to members of the public and tries to resolve complaints concerning insurers and licensees, some matters will involve disputed facts or laws and will have to be resolved in court or arbitration proceedings. The commissioner is not a substitute for the courts.
- (b) Regulations and statutes. The consumer protection division evaluates existing statutes and rules, proposes additional legislation, drafts new insurance regulations, and assists in the enforcement of laws and regulations.
- (c) ((Special programs. To help senior consumers find their way through the sometimes confusing maze of state, federal, and private insurance options available to citizens over age sixty, the insurance commissioner sponsors the senior health insurance benefit advisors (SHIBA) program. SHIBA volunteers throughout the state act as unpaid advisors to other seniors in the community, answer basic health insurance questions, and refer people to the proper governmental agency to find solutions to their insurance problems. In order to assure the objectivity of advice given by SHIBA volunteers, the commissioner has determined that no one connected to the SHIBA program may be an active agent of an insurer selling disability insurance policies or contracts in this state.
- (d))) Investigation and enforcement. Members of the consumer protection division investigate activities of licensees and companies to determine whether corrective

action or disciplinary proceedings are needed, and institute proceedings leading to fines, license revocations or suspensions, as appropriate.

(((4))) (5) Special programs. To help senior consumers find their way through the sometimes confusing maze of state, federal, and private insurance options available to citizens over age sixty, the insurance commissioner sponsors the senior health insurance benefit advisors (SHIBA) program. SHIBA volunteers throughout the state act as unpaid advisors to other seniors in the community, answer basic health insurance questions, and refer people to the proper governmental agency to find solutions to their insurance problems. In order to assure the objectivity of advice given by SHIBA volunteers, the commissioner has determined that no one connected to the SHIBA program may be an active agent of an insurer selling disability insurance policies or contracts in this state.

(6) Legal assistance from the attorney general. Assistant attorneys general are assigned as needed to the insurance commissioner's office to render legal advice, to represent the commissioner in disciplinary hearings and court cases, and to assist in the drafting of legislation and regulations.

(((5))) (7) Insurance advisory examining board. An insurance advisory examining board, made up of seven Washington insurance agents or brokers who have been licensed in this state for at least five years, has the power to recommend general policy concerning the scope, content, procedure, and conduct of examinations to be given for licenses as insurance agents, brokers, or solicitors (RCW 48.17.135).

#### WSR 92-19-118 PROPOSED RULES MARITIME COMMISSION

[Filed September 21, 1992, 3:06 p.m.]

Original Notice.

Title of Rule: Amended vessel assessment schedule.

Purpose: To implement the emergency rule effective July 10, 1992, and provide by permanent rule an assessment for commission coverage of passenger ferry boats engaged in international service between Washington and British Columbia.

Other Identifying Information: See WSR 92-15-048 [92-15-050].

Statutory Authority for Adoption: RCW 88.44.020(5), 88.44.100, and 34.05.380.

Statute Being Implemented: Chapter 88.44 RCW.

Summary: Emergency amendments to WAC 318-04-020 and 318-04-030, "Definitions" and "Assessments" are being continued by permanent rule to provide a separate category of assessments for passenger vessels engaged as international ferry boats.

Reasons Supporting Proposal: As mentioned, the commission adopted an identical emergency rule for this type of service which will expire on November 7, 1992, unless a permanent rule is adopted.

Name of Agency Personnel Responsible for Drafting: Richard W. Buchanan, Rules Coordinator, Seattle,

Washington, (206) 623-4990; Implementation: Washington State Maritime Commission, Seattle, Washington, (206) 448-7557; and Enforcement: G. A. (Geir) Sylte, Treasurer, Washington State Maritime Commission, Seattle, Washington, (206) 448-7557 or (206) 622-1626.

Name of Proponent: Washington State Maritime Commission, governmental.

Agency Comments or Recommendations, if any, as to Statutory Language, Implementation, Enforcement, and Fiscal Matters: This rule will implement an identical emergency rule which would otherwise expire.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: RCW 88.44.100 requires the Washington State Maritime Commission to levy assessments on all vessels transiting Washington waters unless they are specifically exempt under RCW 88.44.101(5) or show alternate compliance. The Washington State Maritime Commission did not have an assessment rate in effect for passenger vessels engaged in international ferry service, and adopted one on an emergency basis effective July 10, 1992. This proposed rule would adopt that same assessment rate on a permanent basis.

Proposal does not change existing rules.

Small Business Economic Impact Statement: The adoption of this permanent rule will have no small business impact except to require passenger vessels engaged in international ferry service between Washington and British Columbia to continue to pay the rate shown below for a fair share of the Washington State Maritime Commission's services.

Hearing Location: Conference Room, Fifth Avenue Level, Bank of California Building, 900 Fourth Avenue, Seattle, WA 98164, on November 5, 1992, at 9:10 a.m.

Submit Written Comments to: Richard W. Buchanan, Rules Coordinator, c/o LeGros, Buchanan, Paul and Whitehead, 2500 Columbia Center, 701 Fifth Avenue, Seattle, WA 98104, by October 29, 1992.

Date of Intended Adoption: November 5, 1992.

September 17, 1992 Richard W. Buchanan Rules Coordinator

AMENDATORY SECTIONS (Permanently Implementing Rule WSR 92-15-050, published 7/10/92 [August 5, 1992])

[AMENDATORY SECTION (Amending WSR 91-19-073, filed 9/17/91)]

WAC 318-04-020 Definitions Unless the context clearly requires otherwise, the definitions in this section apply throughout these rules.

"Tanker Barge" is a vessel as defined by R.C.W. 88.44.010(15) which is not self-propelled and is designed, constructed or adapted primarily to carry, or carries oil, as defined by R.C.W. 88.44.010(6), in bulk as cargo or cargo residue.

"Tanker Vessel" - is a vessel as defined by R.C.W. 88.44.010(15) which is self-propelled and designed, constructed or adapted primarily to carry or carries oil, as defined by R.C.W. 88.44.010(6), in bulk as cargo or cargo residue.

"Small Tanker Vessel" - is a vessel as defined by R.C.W. 88.44.010(15), of 300 gross registered tons or less, whether self-propelled or not, and designed, constructed or adapted primarily to carry or carries oil, as defined by R.C.W. 88.44.010(6), in bulk as cargo or cargo residue, which voluntarily pays assessments under WAC 318-04-030 and submits to the provisions of R.C.W. Chapter 88.44.

"Dry Cargo Barge" is a vessel as defined by R.C.W. 88.44.010(15) which is not self-propelled, but because it is not designed, constructed or adapted primarily to carry oil, is not a tanker barge. To be subject to assessment, the dry cargo barge must be carrying oil solely to fuel barge machinery or mobile equipment carried as cargo.

"Non-Tanker Vessel" is a vessel as defined by R.C.W. 88.44.010(15) which is neither a tanker barge, a tanker vessel, nor a dry cargo barge.

"Maximum Capacity" is the volume of oil, as defined by R.C.W. 88.44.010(6) that a tanker barge or tanker vessel is capable of carrying when fully loaded as designed, constructed or adapted.

"Passenger Vessel" is a self-propelled ship of threehundred or more gross tons with a fuel capacity of at least six-thousand gallons carrying passengers for compensation.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

### [AMENDATORY SECTION (Amending WSR 91-19-073, filed 9/17/91)]

WAC 318-04-030 Assessments Effective September 12, 1991 or upon approval by the Office of Marine Safety, whichever is later (except as provided below in this subsection), there is hereby levied by the Washington State Maritime Commission upon all non-exempt vessels, as defined by R.C.W. 88.44.010(15) and WAC 318-04-020, which transit upon the waters of this state and upon small tanker vessels, or the owners or operators thereof, an assessment in the following amounts:

#### (A) On Tanker Barges whose maximum capacity is:

		Rate
(1)	0 to 28,999 bbls	\$ 68.00
(2)	29,000 to 44,999 bbls	\$ 78.00
(3)	45,000 to 59,999 bbls	\$ 97.00
(4)	60,000 to 79,999 bbls	\$ 122.00
(5)	80,000 and over	\$ 152.00

#### (B) On Tanker Vessels Carrying Oil as Cargo

		Kate
(1)	0 to 300 Gross Registered Tons -	•
	On Small Tanker Vessels	\$ 25.00
(2)	301 to 9,999 Gross Reg. Tons	\$ 1,620
(3)	10,000 Gross Reg. Tons	
	and Over	\$ 3,240

(C) On Tanker Vessels When Not Carrying Oil as Cargo, but While Carrying Other Liquid or Semi-liquid Cargoes

			Rate
(1)	301	- 500 Gross Reg. Tons	\$ 73.00
(2)	501	- 1,000 Gross Reg. Tons	\$ 97.00
(3)	1,001	- 4,999 Gross Reg. Tons	\$ 122.00
(4)	5,000	Gross Reg. Tons	
		and over	\$ 162.00

(D) On Dry Cargo Barges (not Tanker Barges)

Rate \$ 73.00

(E) On Non-Tanker Vessels Carrying Oil as Fuel for Propulsion Machinery

			Rate
(1)	301	- 500 Gross Reg. Tons	\$ 73.00
(2)	501	- 1,000 Gross Reg. Tons	\$ 97.00
(3)	1,001	- 4,999 Gross Reg. Tons	\$ 122.00
(4)	5,000	Gross Reg. Tons	
		and over	\$ 162.00

### (See WAC 318-04-090 for Effective Dates of 5% Annual Increases)

(F) On Passenger Vessels Engaged as International Ferry Boats Subsequent to Date of Filing of this Rule-Making Order With the Code Reviser's Office

The assessment levied on all vessels, or the owners or operators thereof, which transit upon the portion of the Columbia River that runs between the states of Washington and Oregon, shall be effective on and after January 1, 1992.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

### WSR 92-19-119 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance)
[Filed September 21, 1992, 3:21 p.m.]

Original Notice.

Title of Rule: WAC 388-49-590 Monthly reporting. Purpose: Federal regulations 7 CFR 273.21 (k)(2)(ii) gives the state the option of allowing households to be reinstated if the households file a completed monthly report

by the last day of the issuance month when the household has been terminated for failure to file a completed monthly report.

Statutory Authority for Adoption: RCW 74.04.050. Statute Being Implemented: RCW 74.04.050.

Summary: Allows an extension period for the household to file a completed monthly report to receive reinstated benefits without making a new application.

Reasons Supporting Proposal: 7 CFR 273.21 (k)(2)(ii) gives the state the option of allowing households to file a completed monthly report by the last day of the issuance month for reinstated benefits when the household has been terminated for nonreceipt of a monthly report.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Wendy Forslin, Division of Income Assistance, 438-8323.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is necessary because of federal law, 7 CFR 273.21 (k)(2)(ii).

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

September 21, 1992 Leslie F. James, Director Administrative Services by Rosemary Carr

AMENDATORY SECTION (Amending Order 3395, filed 5/29/92, effective 7/1/92)

- WAC 388-49-590 Monthly reporting. (1) The department shall require the following households to return a completed monthly report by the fifth day of the process month describing the household circumstances during the budget month:
- (a) A household with earned income or with a recent work history except a:
  - (i) Migrant or seasonal farm worker household; or
- (ii) Household in which all members are homeless individuals; or
- (iii) Household with a recent work history in which all adult members are elderly or disabled.
  - (b) An AFDC household subject to monthly reporting.
- (2) A household with a recent work history shall report for two months:
- (a) Beginning the month following the month of opening at initial application; or
- (b) After the last month of earnings during the certification period.

- (3) The department shall require a household reporting monthly to verify the factors specified ((in)) under WAC 388-49-110(5).
  - (4) The department shall notify a household if:
  - (a) Its monthly report is late;
  - (b) Its monthly report is incomplete; or
  - (c) Additional information is needed.
- (5) If the household furnishes a completed report to the department by the end of the process month, the department shall:
  - (a) Accept the monthly report; and
  - (b) Continue benefits if the household remains eligible.
  - (6) The department shall:
- (a) Terminate a household failing to return a completed report by the end of the process month((, unless the household indicates it had returned a completed monthly report.)); and
- (b) Notify the household ((claiming to have filed a monthly report)) that it ((must)) may return a completed monthly report by the last day of the ((issuance)) payment month to receive ((continued)) reinstated benefits.
- (7) The department shall not require a household that reports monthly to report changes before reporting on the monthly report.

## WSR 92-19-120 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance)
[Filed September 21, 1992, 3:23 p.m.]

Original Notice.

Title of Rule: WAC 388-99-035 Resource standards. Purpose: Language clarification, delete redundant/outdated information.

Statutory Authority for Adoption: RCW 74.08.090.

Statute Being Implemented: RCW 74.08.090.

Summary: Delete redundant/outdated language.

Reasons Supporting Proposal: Language clarification.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Joanie Scotson, Medical Assistance Administration, 753-7462.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

September 21, 1992 Leslie F. James, Director Administrative Services by Rosemary Carr

AMENDATORY SECTION (Amending Order 2194, filed 1/17/85)

WAC 388-99-035 Resource standards. (1) The department shall ensure the total value of resources allowed and not otherwise excluded ((shall)) will not exceed the dollar amount in subsection (1)(a) of this ((subsection)) section for a single ((individual)) person or the dollar amount in subsection (1)(b) of this ((subsection)) section for a ((couple)) family. ((This amount is increased by \$50 for each additional family member in the household. If applicant has resources in excess of the standards the individual is not eligible and the application is denied.))

- (a) Effective January 1, 1989, the department shall determine the resource limitation for a single ((individual shall)) person will be ((\$1,500 prior to January 1, 1985 and shall be increased to \$1,600 on January 1, 1985, to \$1,700 on January 1, 1986, to \$1,800 on January 1, 1987, to \$1,900 on January 1, 1988 and to \$2,000 on January 1, 1989)) two thousand dollars.
- (b) Effective January 1, 1989, the department shall determine the resource limitation for a married couple shall be ((\$2,250 prior to January 1, 1985, and shall be increased to \$2,400 on January 1, 1985, to \$2,550 on January 1, 1986, to \$2,700 on January 1, 1987, to \$2,850 on January 1, 1988, and to \$3,000 on January 1, 1989)) three thousand dollars. The department shall increase this amount by fifty dollars for each additional family member in the household.
- (2) See WAC 388-92-043 for regulations on transfer of resources without adequate consideration.

# WSR 92-19-121 PROPOSED RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 21, 1992, 3:24 p.m.]

Original Notice.

Title of Rule: WAC 388-86-059 Licensed midwife services; and 388-87-079 Payment—Licensed midwives.

Purpose: The creation of these rules provides coverage of licensed midwife services and payment.

Statutory Authority for Adoption: RCW 74.08.090.

Statute Being Implemented: RCW 74.08.090.

Summary: Specifies why and when a midwife can give service and get reimbursed.

Reasons Supporting Proposal: To add rules to show midwives as service providers. To add rules to cover the service.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Bobbe J. Andersen, Medical Assistance Administration, 753-0529.

Name of Proponent: Department of Social and Health Services, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Same as above.

Proposal Changes the Following Existing Rules: See above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: OB-2 Auditorium, 14th and Franklin, Olympia, Washington 98504, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Troyce Warner, Chief, Office of Issuances, Mailstop 5805, Department of Social and Health Services, Olympia, 98504, FAX 664-0118, SCAN 366-0118, by October 27, 1992.

Date of Intended Adoption: October 28, 1992.

September 21, 1992 Leslie F. James, Director Administrative Services by Rosemary Carr

#### **NEW SECTION**

WAC 388-86-059 Licensed midwife services. (1) The medical assistance administration (MAA) shall provide to eligible clients, obstetrical services through a Washington state licensed midwife.

- (2) Such obstetrical services include:
- (a) Routine antepartum care;
- (b) Routine postpartum care;
- (c) Normal labor and vaginal delivery, with or without episiotomy;
  - (d) Fetal nonstress test and non-Oxytocin stress test; and
- (e) Administration of Rho (D) Immune Globulin (human) injection.
- (3) The MAA shall not cover obstetrical services provided in a private home.

#### **NEW SECTION**

WAC 388-87-079 Payment—Licensed midwives. (1) The medical assistance administration (MAA) shall reimburse a Washington State licensed midwife at the billed rate or the maximum allowable physician rate.

- (2) The MAA shall pay for licensed midwife services: (a) When the services are performed in a licensed
- (a) When the services are performed in a lic birthing facility or a hospital setting;
- (b) Independently from the birthing facilities or hospital charges; and
  - (c) According to MAA billing instructions.

### WSR 92-19-126 PROPOSED RULES DEPARTMENT OF LICENSING

(Professional Licensing Services) [Filed September 22, 1992, 9:32 a.m.]

Original Notice.

Title of Rule: Chapter 308-30 WAC, the rules relating to notaries.

Purpose: To increase the fees the notary may charge the public; to delete repetitious listings of the agency address; to require the use of a notary journal; and to clarify and update various sections.

Statutory Authority for Adoption: RCW 42.44.190. Statute Being Implemented: RCW 42.44.190.

Summary: To delete unnecessary listings of the mailing address and to require the use of a notary journal to provide a permanent record of all notarial acts. The increased fee structure will compensate for increased bonding and insurance costs.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Jim Hudson, Bristol Court, 586-4575.

Name of Proponent: Department of Licensing, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The increased fees that could be charged by the notary will compensate for increased bonding and insurance costs. The notary journal will protect the notary from false claims and charges by providing a record of each notarial transaction.

Proposal does not change existing rules.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: 1300 South Evergreen Park Drive, Room 250, on November 5, 1992, at 1:00 p.m.

Submit Written Comments to: Professional Licensing Services, P.O. Box 9027, Olympia, WA 98507, by November 5, 1992.

Date of Intended Adoption: January 1, 1993.

September 21, 1992 Marsha Tadano-Long Assistant Director

#### **NEW SECTION**

WAC 308-30-005 Mailing address. All correspondence is to be directed to the Department of Licensing, Professional Licensing Services, Notary Section, Post Office Box 9027 (in person 2424 Bristol Court) Olympia, Washington 98507-9027.

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-010 Size and form of notary seal or stamp. A notary seal shall be one and five-eighths inches minimum in diameter. If a notary stamp is used the following requirements shall apply:

- (1) The type shall be a minimum of 8 point type.
- (2) The stamp shall be minimum one and five-eighths inches in diameter. If a rectangular stamp is used the minimum dimensions shall be one inch wide by one and five-eighths inches long.
  - (3) The imprint shall be affixed with indelible ink only.
- (4) The face of any notary stamp shall contain permanently affixed letters and numerals and shall not be preprinted.
- (5) The use of the Washington state seal on the notary stamp or seal is prohibited.

- (6) A vendor may not provide a notarial seal, or stamp, either inking or embossing, to a person claiming to be a notary, unless the person presents a photo copy of the person's Notary Certificate.
- (7) A notary applying for a seal or stamp as a result of a name change shall present a copy to the vendor of the certificate evidencing the notary's name change from the director.

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

- WAC 308-30-020 Maximum fees that may be charged by notaries public. A notary public need not charge fees for notarial services. When fees are charged, notaries shall display in a prominent place, at the place of business, to the public, an English language schedule of fees for notarial acts. No part of the displayed notarial fee schedule may be printed in smaller than 10 pt. type. The following are the maximum fees that may be charged by notaries public for the following services:
- (1) Witnessing or attesting a signature with or without seal or stamp, ((three)) five dollars.
- (2) Taking acknowledgment, or verification upon oath or affirmation, ((one or two persons, with or without seal or stamp, three dollars)) five dollars for the first two persons and five dollars for each additional person.
- (3) ((Taking acknowledgment, or verification upon oath or affirmation, each person over two, two dollars.
- (4))) Certifying or attesting a copy, with or without seal or stamp, ((three)) five dollars.
- $((\frac{5}{5}))$  (4) Receiving or noting a protest of a negotiable instrument, ((two)) five dollars.
- (((6))) (5) Being present at demand, tender, or deposit, and noting the same, besides mileage at the rate of one dollar per mile, ((two)) five dollars.
- ((<del>(7)</del>)) (<u>6</u>) For copying any instrument or record, per ((<del>folio</del>)) page, besides certificate and seal or stamp, ((<del>two</del>)) one dollar((s)) for the first page and twenty-five cents for each remaining page.
- (((8))) (7) Administering an oath or affirmation, ((two)) five dollars.
- (((9))) (8) Certifying that an event has occurred or an act has been performed, ((three)) five dollars.

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-030 Applications for appointment as notary public. Applications for appointment as notary public may be obtained from the department of licensing((, Professional Licensing Division, Notary Section, (for mail P.O. Box 9649) (in person 1300 Quince Street), Olympia, WA 98504)). Every application submitted for appointment as a notary public ((shall)) must be accompanied by ((a-fee of fifteen dollars)) the required surety bond and the prescribed fee and shall in all ways comply with the requirements of ((section 2, chapter 156, Laws of 1985)) chapter 42.44 RCW.

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-040 Resignation or revocation of notary appointment. Voluntary resignation by a notary public shall be submitted in writing to the department of licensing((, Professional Licensing Division, Notary Section, P.O. Box 9649, Olympia, Washington 98504)). If a notary public voluntarily resigns his or her notary appointment or if the notary appointment is revoked, suspended or restricted, the notary public must mail or deliver his or her notary stamp or seal to the department of licensing((, Professional Licensing Division, Notary Section, (for mail P.O. Box 9649) (in person 1300 Quince Street), Olympia, Washington 98504)). No voluntary resignation of a notary appointment shall be effective until the notary seal or stamp is mailed or delivered to the ((above address)) notary section.

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-050 Replacement of lost or stolen notary journal, seals or stamps. When ((a)) an official notary journal, notary seal or stamp is lost or stolen the department of licensing((, professional licensing division)) is to be notified by ((a-written statement, signed by the notary public, setting)) certified mail. The notice must set forth the fact that the notary journal, seal or stamp has been lost or stolen and be signed by the notary public. The notary public may then obtain a replacement notary journal, seal or stamp. The new notary seal or stamp must contain some variance from the original seal or stamp. If the lost or stolen notary seal or stamp is found or recovered after a replacement has been obtained((, either)) the original ((or the replacement)) seal or stamp shall be surrendered to the department of licensing((, professional licensing division)).

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-060 Department to be notified of change of name or address. When a notary public changes his or her name or address, the department of licensing((, professional licensing division, is to)) must be notified in writing of such name and/or address change. The notification of name change ((shall)) must be accompanied by a ((five dollar fee)) bond rider from the bonding company amending the notary bond, and the prescribed fee for a name change which ((shall include the cost of issuance of)) provides a duplicate notary certificate showing the new name. There ((are)) is no charge((s)) for an address change((s)).

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-070 Requests for evidence of authenticity. Requests for evidences of authenticity of notarial commission must be <u>in</u> writing, accompanied by ((a five dollar)) the prescribed fee, the original document, and mailed to the <u>department of licensing((, Professional Licensing Division, Notary Section, P.O. Box 9649, Olympia, Washington 98504)).</u>

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-080 Appeals of denials and revocations of notary appointments. Notices of appeals of denials and revocations of notary appointments must be in writing and mailed or delivered to the department of licensing((, Professional Licensing Division, Notary Section, (for mail P.O. Box 9649) (in person 1300 Quince Street), Olympia, Washington 98504)). The written notification of appeal must be received by the ((above address)) department within twenty days of the date of denial or revocation ((of the notary appointment)) or the right to appeal is ((deemed)) waived. When the notification of appeal is mailed, the postmarked date will be ((deemed)) accepted as the date of receipt by the department of licensing. Procedures on appeal will be as provided in the Administrative Procedure Act, chapter ((34.04)) 34.05 RCW, and rules adopted thereunder.

AMENDATORY SECTION (Amending Order PL 571, filed 11/26/85, effective 1/1/86)

WAC 308-30-090 Forms. (1) The forms in ((section 10, chapter 156, Laws of 1985)) RCW 42.44.100 are only suggested ((forms)) certificates with the sufficient information included. These forms may be used; however, when a specific form is required by a specific statute, the required form shall be used.

(2) A nonattorney notary may complete notarial certificates, and may not assist another person in drafting, completing, selecting, or understanding a document or transaction requiring a notarial act. This does not preclude a notary who is duly qualified in a particular profession from giving advice relating to matters in that professional field.

#### **NEW SECTION**

WAC 308-30-110 Notary journal. (1) A notary shall keep, maintain, protect, and provide for lawful inspection by the department and in the process of discovery during litigation, a chronological, permanently bound, official journal of notarial acts containing numbered pages.

- (2) The journal is to be preserved for at least five years following the termination of the notarial appointment.
- (3) For every notarial act, the notary shall record in the journal, at the time of notarization, at least the following:
  - (a) The date and time of day of the notarial act.
  - (b) A description of the document or proceeding.
- (c) The signature and printed name and address of each person for whom a notarial act is performed.
  - (d) The type of identification presented.
- (4) The journal must be kept in the exclusive custody of the notary, and may not be used by any other notary or surrendered to an employer upon termination of employment.

#### **NEW SECTION**

WAC 308-30-120 Notary signature. Upon completion of a notarial act, the notary must sign the notary certification using his/her name exactly as it appears on the notary certificate of appointment and the stamp or seal. The notary's name must be legibly printed or stamped directly below their signature.

WAC 308-30-130 Expired stamp or seal. The use of a stamp or seal with an expired date is prohibited.

#### **NEW SECTION**

WAC 308-30-140 Notification of legal actions. The notary must notify the department of licensing of any legal actions brought against them which involve allegations of professional misconduct, and/or civil or criminal charges. Notification must be submitted within thirty days of such happening.

#### **NEW SECTION**

WAC 308-30-150 Continuous qualification required. A notary public must continue to meet the requirements of RCW 42.44.020 (1)(b) or (c) throughout the term of appointment. A notary who fails to meet any one or more of the aforementioned requirements shall resign, or the director shall institute hearings to determine if the requirements have been met by the notary.

#### **NEW SECTION**

WAC 308-30-155 Satisfactory evidence of identity. Satisfactory evidence of an individual shall be based on one of the following:

- (1) Current documents issued by a federal or state government with the individual's photograph, signature, and physical description.
- (2) The oath or affirmation of a credible person who personally knows the individual.

#### **NEW SECTION**

WAC 308-30-160 Testimonials. A notary may not endorse or promote any service, contest, or other offering if the notary's seal or title is used in the endorsement or promotional statement.

#### **NEW SECTION**

WAC 308-30-170 False certificate. A notary may not execute a certificate containing a statement known by the notary to be false or perform any official action with the intent to deceive or defraud.

#### **NEW SECTION**

WAC 308-30-180 Impartiality. A notary may not influence a person to enter into or not to enter into a lawful transaction involving a notary act by the notary.

This does not preclude a notary who is duly qualified in a particular profession from giving advice relating to matters in that professional field.

#### **NEW SECTION**

WAC 308-30-190 Advertising. (1) A notary who is not an attorney and advertises notarial services in a language other than English shall include in the text, the statement:

"I am not an attorney and have no authority to give advice on immigration or other legal matters."

(2) A notary may not use the term "NOTORIO PUBLI-CO" or any equivalent term in any business card, advertisement, notice, or sign.

#### WSR 92-19-127 PROPOSED RULES LOTTERY COMMISSION

[Filed September 22, 1992, 9:48 a.m.]

Original Notice.

Title of Rule: WAC 315-11-890, 315-11-891 and 315-11-892, definitions, criteria and ticket validation requirements for Instant Game No. 89 ("Eights Are Crazy"); WAC 315-11-900, 315-11-901 and 315-11-902, definitions, criteria and ticket validation requirements for Instant Game No. 90 ("Jackpot"); and WAC 315-11-910, 315-11-911 and 315-11-912, definitions, criteria and ticket validation requirements for Instant Game No. 91 ("Walla Walla Walla").

Purpose: To establish the game play rules and criteria for determining winners of Instant Game Nos. 89 ("Eights Are Crazy"), 90 ("Jackpot"), and 91 ("Walla Walla Walla").

Statutory Authority for Adoption: RCW 67.70.040. Statute Being Implemented: RCW 67.70.040.

Summary: See Purpose above.

Reasons Supporting Proposal: See Explanation of Rule below.

Name of Agency Personnel Responsible for Drafting: Jeff Burkhardt, Rules Coordinator, Olympia, 586-6583; Implementation and Enforcement: Evelyn P. Yenson, Director, Olympia, 753-3330.

Name of Proponent: Washington State Lottery Commission, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: WAC 315-11-890, 315-11-891, 315-11-892, 315-11-900, 315-11-901, 315-11-902, 315-11-910, 315-11-911, and 315-11-912, for each game, certain terms must be defined in order to provide consistency in the game play rules. The play criteria will explain how the game functions to licensed retailers and players. Rigid validation requirements are set forth which will prevent the lottery or its retailers from paying out prize money on invalid tickets.

Proposal does not change existing rules.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

The lottery has considered whether these rules are subject to the Regulatory Fairness Act, chapter 19.85 RCW, and has determined that they are not for the following reasons: The rules have no economic impact on business' cost of equipment, supplies, labor or administrative costs. The rules are designed to establish rules and procedures for the playing of instant lottery games; and the rules will have a negligible impact, if any, on business because they are interpretive. They have been promulgated for the purpose of stating policy, procedure and practice and do not include requirements for forms, fees, appearances or other actions by business.

Hearing Location: Washington State Lottery, 5963 Corson Avenue South, Suite 106, Seattle, WA 98101, on November 6, 1992, at 10:00 a.m.

Submit Written Comments to: Jeff Burkhardt, Lottery, P.O. Box 43025, Olympia, WA 98504-3025, by November 5, 1992.

Date of Intended Adoption: November 6, 1992.

September 21, 1992 Evelyn P. Yenson Director

#### **NEW SECTION**

WAC 315-11-890 Definitions for Instant Game Number 89 ("Eights Are Crazy"). (1) Play symbols: The following are the "play symbols": "1;" "2;" "4;" "5;" "6;" "8;" and "9." One of these play symbols appears in each of the nine play spots under the latex covering on the front of the ticket. The nine play spots are arranged in a three-bythree configuration. The area under the latex covering shall be known as the playfield.

(2) Play symbol captions: The small printed characters appearing below each play symbol which correspond with and verify that play symbol. The caption contains four characters. The first character repeats the play symbol. The last three characters repeat the ticket number. One and only one play symbol caption appears under each play symbol. An example of play symbol captions for Instant Game Number 89 follows:

PLAY SYMBOL	<u>CAPTION</u>
	(Example for ticket number 122)
1	1122
2	2122
4	4122
5	5122
6	6122
8	8122
0	0122

- (3) Prize symbols: The following are the "prize symbols": "\$1.00;" "\$2.00;" "\$4.00;" "\$8.00;" "\$18.00;" "\$80.00;" and "\$8,888." One of these prize symbols appears under the prize box on the front of the ticket which has the word "PRIZE" printed on the latex covering. The prize box shall be contiguous to the playfield.
- (4) Prize symbol captions: The small printed characters appearing below the prize symbol which verify and correspond with that prize symbol. The caption is a spelling out, in full or abbreviated form, of the prize symbol. Only one caption appears under the prize symbol. For Instant Game Number 89, the prize symbol captions which correspond with and verify the prize symbols are:

PRIZE SYMBOL	<b>CAPTION</b>
\$1.00	ONE DOL
\$2.00	TWO DOL
\$4.00	FOR DOL
\$8.00	EGT DOL
\$18.00	<b>EGTTEEN</b>
\$80.00	EIGHTY\$
\$8,888	FOREGTS

- (5) Validation number: The unique nine-digit number on the front of the ticket. The number is covered by latex.
- (6) Pack-ticket number: The eleven-digit number of the form 08900001-000 printed on the front of the ticket. The first three digits are the game identifier. The first eight digits of the pack-ticket number for Instant Game Number 89 constitute the "pack number" which starts at 08900001; the last three digits constitute the "ticket number" which starts at 000 and continues through 399 within each pack of tickets.
- (7) Retailer verification codes: Codes consisting of small letters found under the removable covering on the front of the ticket which the lottery retailer uses to verify instant winners of \$25.00 or less. For Instant Game Number 89, the retailer verification code is a three-letter code, with each letter appearing in a varying three of six locations beneath the removable covering and among the play symbols on the front of the ticket. The retailer verification codes are:

VERIFICATION CODE	PRIZE
ONE	\$1.00
TWO	\$2.00
FOR	\$4.00
EGT	\$8.00
EGN	\$18.00

(8) Pack: A set of four hundred fanfolded instant game tickets separated by perforations and packaged in a plastic bag or plastic shrinkwrapping.

#### **NEW SECTION**

#### WAC 315-11-891 Criteria for Instant Game Number

- 89. (1) The price of each instant game ticket shall be \$1.00.
- (2) Determination of prize winning tickets: An instant prize winner is determined in the following manner:
- (a) The bearer of a ticket having three "8" play symbols in any row, column, or diagonal beneath the removable covering on the front of the ticket shall win the prize shown in the prize box.
- (3) No portion of the display printing nor any extraneous matter whatever shall be usable or playable as a part of the instant game.
- (4) The determination of prize winners shall be subject to the general ticket validation requirements of the lottery as set forth in WAC 315-10-070, to the particular ticket validation requirements for Instant Game Number 89 set forth in WAC 315-11-892, to the confidential validation requirements established by the director, and to the requirements stated on the back of each ticket.

#### **NEW SECTION**

WAC 315-11-892 Ticket validation requirements for Instant Game Number 89. (1) In addition to meeting all other requirements in these rules and regulations, to be a valid instant game ticket for Instant Game Number 89, all of the following validation requirements apply.

- (a) Exactly one play symbol must appear in each of the nine play spots in the playfield.
- (b) Each play symbol must have a play symbol caption below it and each must agree with its caption.

- (c) Exactly one prize symbol must appear under the ruboff material covering the prize box on the front of the ticket.
- (d) The prize symbol must have a prize symbol caption below it and must agree with its caption.
- (e) The display printing and the printed numbers, letters, and symbols on the ticket must be regular in every respect and correspond precisely with the artwork on file with the director. The numbers, letters, and symbols shall be printed as follows:

Play Symbols	Play Symbol Font
Prize Symbols	Prize Symbol Font
Captions	Caption Font
Pack-Ticket Number	Validation Font
Validation Number	Validation Font
Retailer Verification Code	Validation Font

- (f) Each of the play symbols and its caption, the validation number, pack-ticket number, and retailer verification code must be printed in black ink.
- (g) Each of the play symbols must be exactly one of those described in WAC 315-11-890(1) and each of the play symbol captions must be exactly one of those described in WAC 315-11-890(2).
- (h) Each of the prize symbols must be exactly one of those described in WAC 315-11-890(3) and each of the play symbol captions must be exactly one of those described in WAC 315-11-890(4).
- (2) Any ticket not passing all the validation requirements in WAC 315-10-070 and subsection (1) of this section is invalid and ineligible for any prize.

WAC 315-11-900 Definitions for Instant Game Number 90 ("Jackpot"). (1) Play symbols: The following are the "play symbols": "%"; ">"; ">"; "">";

(2) Play symbol captions: The small printed characters appearing below each play symbol which verify and correspond with that play symbol. The caption is a spelling out, in full or abbreviated form of the play symbol. One and only one of these captions appears under each play symbol. For Instant Game Number 90, the captions which correspond with and verify the play symbols are:

PLAY SYMBOL	<b>CAPTION</b>
C	CHRY
☆	STAR
0	LEMN
X.	CLVR
Ã	BELL
• <del>•</del>	SVEN
BOR	BARR

- (3) Validation number: The unique nine-digit number on the front of the ticket. The number is covered by latex covering.
- (4) Pack-ticket number: The eleven-digit number of the form 09000001-000 printed on the front of the ticket. The first three digits are the game identifier. The first eight

digits of the pack-ticket number for Instant Game Number 90 constitute the "pack number" which starts at 09000001; the last three digits constitute the "ticket number" which starts at 000 and continues through 399 within each pack of tickets.

(5) Retailer verification codes: Codes consisting of small letters found under the removable latex covering on the front of the ticket which the lottery retailer uses to verify instant winners of \$25 and less. For Instant Game Number 90, the retailer verification codes are three-letter codes, with each letter appearing in a varying three of six locations among the play symbols on the front of the ticket. The retailer verification codes are:

VERIFICATION CODE	<u>PRIZE</u>
ONE	\$ 1.00
TWO	\$ 2.00 (\$1 and \$1)
FOR	\$ 4.00 (\$2 and \$2)
SVN	\$ 7.00 (\$5 and \$2)
NIN	\$ 9.00 (\$5 and \$2
	and \$2; \$7 and \$2)
NIT	\$19.00

(6) Pack: A set of four hundred fanfolded instant game tickets separated by perforations and packaged in plastic shrinkwrapping.

#### **NEW SECTION**

#### WAC 315-11-901 Criteria for Instant Game Number

- 90. (1) The price of each instant game ticket shall be \$1.00.
- (2) Determination of prize winning tickets: An instant prize winner is determined in the following manner:
- (a) The bearer of a ticket having three identical play symbols in the same game (horizontal row) shall win the prize which corresponds with that set of identical play symbols. Play symbols in different games (horizontal rows) may not be combined to win a prize. The ticket shall bear a legend which lists each set of identical play symbols and its corresponding prize.

Three	B	play symbols - Win \$1.00
Three	☆	play symbols - Win \$2.00
Three		play symbols - Win \$5.00
Three	T E	play symbols - Win \$7.00
Three	Å	play symbols - Win \$19.00
Three	8	play symbols - Win \$40.00
Three	SOR	play symbols - Win \$21,000

- (b) The bearer of a ticket having winning play symbols in more than one game (horizontal row) shall win the total amount of the prizes won in each game.
- (3) No portion of the display printing nor any extraneous matter whatever shall be usable or playable as a part of the instant game.
- (4) The determination of prize winners shall be subject to the general ticket validation requirements of the lottery as set forth in WAC 315-10-070, to the particular ticket validation requirements for Instant Game Number 90 set forth in WAC 315-11-902, to the confidential validation requirements established by the director, and to the requirements stated on the back of each ticket.
- (5) Notwithstanding any other provisions of these rules, the director may:

- (a) Vary the length of Instant Game Number 90 and/or
- (b) Vary the number of tickets sold in Instant Game Number 90 in a manner that will maintain the estimated average odds of purchasing a winning ticket.

WAC 315-11-902 Ticket validation requirements for Instant Game Number 90. (1) In addition to meeting all other requirements in these rules and regulations, to be a valid instant game ticket for Instant Game Number 90, all of the following validation requirements apply.

- (a) Exactly one play symbol must appear in each of the nine rub-off spots on the front of the ticket under the latex covering.
- (b) Each of the nine play symbols must have a caption below and each must agree with its caption.
- (c) The display printing and the printed numbers, letters, and symbols on the ticket must be regular in every respect and correspond precisely with the artwork on file with the director. The numbers, letters, and symbols shall be printed as follows:

Play Symbols	Play Symbol Font
Captions	Caption Font
Pack-Ticket Number	Validation Font
Validation Number	Validation Font
Retailer Verification Code	Validation Font

- (d) Each of the play symbols and its caption, the validation number, pack-ticket number and retailer verification code must be printed in black ink.
- (e) Each of the play symbols must be exactly one of those described in WAC 315-11-900(1) and each of the captions must be exactly one of those described in WAC 315-11-900(2).
- (2) Any ticket not passing all the validation requirements in WAC 315-10-070 and subsection (1) of this section is invalid and ineligible for any prize.

#### **NEW SECTION**

WAC 315-11-910 Definitions for Instant Game Number 91 ("Walla Walla Walla"). (1) Play symbols: The following are the "play symbols": "\$ ;" "\$1.00;" "\$2.00;" "\$4.00;" "\$8.00;" "\$16.00;" "\$50.00;" and "\$10,000." One of these symbols appears in each of the six blocks under the scratch-off material covering the game play data.

(2) Play symbol captions: The small printed characters appearing below each play symbol which verify and correspond with that play symbol. The caption is a spelling out, in full or abbreviated form of the play symbol. One and only one of these captions appears under each play symbol. For Instant Game Number 91, the captions which correspond with and verify the play symbols are:

<u>CAPTION</u>
ONION
ONE DOL
TWO DOL
FOR DOL
EGT DOL
SIXTEEN
\$FIFTY\$
TENTHOU

- (3) Validation number: The unique nine-digit number on the front of the ticket. The number is covered by latex covering.
- (4) Pack-ticket number: The eleven-digit number of the form 09100001-000 printed on the front of the ticket. The first eight digits of the pack-ticket number for Instant Game Number 91 constitute the "pack number" which starts at 09100001; the last three digits constitute the "ticket number" which starts at 000 and continues through 399 within each pack of tickets.
- (5) Retailer verification codes: Codes consisting of small letters found under the removable covering on the front of the ticket which the lottery retailer uses to verify instant winners of \$25.00 or less. For Instant Game Number 91, the retailer verification code is a three-letter code, with each letter appearing in a varying three of six locations beneath the removable covering and among the play symbols on the front of the ticket. The retailer verification codes are:

VERIFICATION CODE	PRIZE
ONE	\$ 1.00
TWO	\$ 2.00
FOR	\$ 4.00
EGT	\$ 8.00
SXT	\$16.00

(6) Pack: A set of four hundred fanfolded instant game tickets separated by perforations and packaged in plastic shrinkwrapping.

#### **NEW SECTION**

#### WAC 315-11-911 Criteria for Instant Game Number

- 91. (1) The price of each instant game ticket shall be \$1.00.
- (2) Determination of prize winning tickets: An instant prize winner is determined in the following manner:

The bearer of a ticket having the following play symbols in any three of the six spots beneath the removable covering on the front of the ticket shall win the following prize:

Three	\$1.00	play	symbols			-	Win	\$1.00
Two			symbols	and o	one	<b>6</b> -	Win	\$2.00
Three	\$2.00	play	symbols			-	Win	\$2.00
Two	\$2.00	play	symbols	and o	one	<b>.</b>	Win	\$4.00
Three	\$4.00	play	symbols				Win	\$4.00
Two	\$4.00	play	symbols	and o	one	<b>ŏ</b> -	Win	\$8.00
Three	\$8.00	play	symbols			-	Win	\$8.00
Three	\$16.00	play	symbols			-	Win	\$16.00
			symbols				Win	\$50.00
Two	\$50.00	play	symbols	and	one	ტ -	Win	\$100.00
Three	\$10,00	0 pla	y symbol	S		-	Win	\$10,000

- (3) No portion of the display printing nor any extraneous matter whatever shall be usable or playable as a part of the instant game.
- (4) The determination of prize winners shall be subject to the general ticket validation requirements of the lottery as set forth in WAC 315-10-070, to the particular ticket validation requirements for Instant Game Number 91 set forth in WAC 315-11-912, to the confidential validation requirements established by the director, and to the requirements stated on the back of each ticket.
- (5) Notwithstanding any other provisions of these rules, the director may:
  - (a) Vary the length of Instant Game Number 91; and/or
- (b) Vary the number of tickets sold in Instant Game Number 91 in a manner that will maintain the estimated average odds of purchasing a winning ticket.

#### **NEW SECTION**

WAC 315-11-912 Ticket validation requirements for Instant Game Number 91. (1) A valid instant game ticket for Instant Game Number 91 shall meet all of the following validation requirements as well as all other requirements in these rules and regulations:

- (a) Exactly one play symbol must appear under each of the six rub-off spots on the front of the ticket.
- (b) Each of the six play symbols must have a caption below it and each must agree with its caption.
- (c) The display printing and the printed numbers, letters, and symbols on the ticket must be regular in every respect and correspond precisely with the artwork on file with the director. The numbers, letters, and symbols shall be printed as follows:

Play Symbols Play Symbol Font
Captions Caption Font
Pack-Ticket Number Validation Font
Validation Number Validation Font
Retail Verification Code Validation Font

- (d) Each of the play symbols and its caption, the validation number, pack-ticket number, and retailer verification code must be printed in black ink.
- (e) Each of the play symbols must be exactly one of those described in WAC 315-11-910(1) and each of the captions must be exactly one of those described in WAC 315-11-910(2).
- (2) Any ticket not passing all the validation requirements in WAC 315-10-070 and subsection (1) of this section is invalid and ineligible for any prize.

#### WSR 92-19-128 WITHDRAWAL OF PROPOSED RULES DEPARTMENT OF WILDLIFE

[Filed September 22, 1992, 10:06 a.m.]

Please take note that the proposed rule adopting WAC 232-28-61920, 1992-94 Washington game fish seasons and catch limits—Raft River, filed on August 18, 1992 (WSR 92-17-063) is hereby withdrawn.

Daniel Wyckoff Administrative Regulations Officer

#### WSR 92-19-130 PROPOSED RULES DEPARTMENT OF LABOR AND INDUSTRIES

[Order 92-15-Filed September 22, 1992, 12:48 p.m.]

Original Notice.

Title of Rule: Chapter 296-62 WAC, General occupational health standards and chapter 296-155 WAC, Safety standards for construction work.

Purpose: Chapter 296-62 WAC, General occupational health standards, federal-initiated proposed amendment to WAC 296-62-07509, relating to nuisance dusts, is to include a reference to the particulates not otherwise regulated (PNOR) entry in Table 1: Limits for Air Contaminants, for all inert or nuisance dusts not specifically listed by substance name. This proposed change is made to be at-least-aseffective-as rules published in Federal Register Volume 57, Number 127, dated July 7, 1992. Federal-initiated amendments to WAC 296-62-07515, relating to air contaminants, are proposed to be at-least-as-effective-as changes to the federal final rule published in Federal Register Volume 57, Number 127, dated July 1, 1992. The proposed changes are primarily housekeeping, and include additions and amendments to the footnotes. Federal-initiated proposed amendments to WAC 296-62-08001, relating to bloodborne pathogens, are to make the existing state standards identical to the comparable federal final rules published in Federal Register Volume 57, Number 127, dated July 1, 1992. WISHA is incorporating these corrective amendments to assure clarity of the standards and to make housekeeping corrections identical to federal corrective amendments. The changes do not establish any significant new compliance requirements; and chapter 296-155 WAC, Safety standards for construction work, state-initiated proposed amendment to WAC 296-155-300, relating to accident prevention signs and tags, is to require that all traffic control signs and devices shall be set up according to the American National Standards Institute (ANSI) D6.1-1978 Manual on Uniform Traffic Control Devices for Streets and Highways as amended by the Washington State Department of Transportation (M24-OT (HT)). State-initiated proposed amendments to WAC 296-155-305, relating to signaling (flaggers) is to remove the requirement for an approved training course for flagging, sets the standard for training to be conducted every three years, and adds a requirement for flaggers to have in their possession a certificate verifying required training, and that the certificate shall include the date on which that training was completed.

Statutory Authority for Adoption: Chapter 49.17 RCW. Statute Being Implemented: RCW 49.17.040, [49.17].050, and [49.17].060.

Summary: See Purpose above.

Reasons Supporting Proposal: To ensure a safe and healthful workplace for all Washington employees.

Name of Agency Personnel Responsible for Drafting: R. V. Wax, 7273 Linderson Way, Tumwater, (206) 956-

5526; Implementation and Enforcement: J. N. Kirchoff, 7273 Linderson Way, Tumwater, (206) 956-5495.

Rule is necessary because of federal law, Federal Register Volume 57, Number 126, dated June 30, 1992; and Federal Register Volume 57, Number 127, dated July 1, 1992.

Explanation of Rule, its Purpose, and Anticipated Effects: See Purpose above.

Proposal Changes the Following Existing Rules: See Purpose above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Chapter 296-62 WAC, General occupational health standards, proposed federal-initiated amendment to WAC 296-62-07509 is to include a reference. This proposed change is made to be at-least-as-effective-as, rules published in Federal Register Volume 57, Number 127, dated July 7, 1992. This amendment is proposed solely to conform or comply with federal laws and regulations. Proposed federalinitiated amendments to WAC 296-62-07515 are to be atleast-as-effective-as changes to the federal final rule published in Federal Register Volume 57, Number 127, dated July 1, 1992. The proposed changes are primarily housekeeping, and include additions and amendments to the footnotes. These amendments are proposed solely to conform or comply with federal laws and regulations. Proposed federal-initiated amendments to WAC 296-62-08001 are to make the existing state standards identical to the comparable federal final rules published in Federal Register Volume 57, Number 127, dated July 1, 1992. The changes do not establish any significant new compliance requirements. These amendments are proposed solely to conform or comply with federal laws and regulations; and chapter 296-155 WAC, Safety standards for construction work, proposed state-initiated amendment to WAC 296-155-300, relating to accident prevention signs and tags, is to require that all traffic control signs and devices shall be set up according to the American National Standards Institute (ANSI) D6.1-1978 Manual on Uniform Traffic Control Devices for Streets and Highways as amended by the Washington State Department of Transportation (M24-OT (HT)). The overall effect will be to allow more flexibility to all employers affected by the standard. There will be no disproportionate adverse economic impact on small business. State-initiated proposed amendments to WAC 296-155-305, relating to signaling (flaggers) is to remove the requirement for an approved training course for flagging, sets the standard for training to be conducted every three years, and adds a requirement for flaggers to have in their possession a certificate verifying required training, and that the certificate shall include the date on which that training was completed. The overall effect will be to allow more flexibility to all employers affected by the standard. There will be no disproportionate adverse economic impact on small business.

Hearing Location: 7273 Linderson Way, 1st Floor Auditorium, Tumwater, WA, on November 2, 1992, at 9:30 a.m.

Submit Written Comments to: J. N. Kirchoff, Assistant Director, P.O. Box 44620, Olympia, WA 98504, by November 9, 1992, 5:00 p.m.

Date of Intended Adoption: December 2, 1992.

Joseph A. Dear Director

AMENDATORY SECTION (Amending Order 80-14, filed 8/8/80)

WAC 296-62-07509 Nuisance dusts. (1) In contrast to fibrogenic dusts which cause scar tissue to be formed in lungs when inhaled in excessive amounts, so-called "nuisance" dusts have a long history of little adverse effect on lungs and do not produce significant organic disease or toxic effect when exposures are kept under reasonable control. The nuisance dusts have also been called (biologically) "inert" dusts, but the latter term is inappropriate to the extent that there is no dust which does not evoke some cellular response in the lung when inhaled in sufficient amount. However, the lung-tissue reaction caused by inhalation of nuisance dusts has the following characteristics:

- (a) The architecture of the air spaces remains intact,
- (b) Collagen (scar tissue) is not formed to a significant extent,
  - (c) The tissue reaction is potentially reversible.
- (2) Excessive concentrations of nuisance dusts in the workroom air may seriously reduce visibility, may cause unpleasant deposits in the eyes, ears and nasal passages, or cause injury to the skin or mucous membranes by chemical or mechanical action per se or by the rigorous skin cleansing procedures necessary for their removal.
- (3) A permissible limit of 10 milligrams per cubic meter, of total dust < 1% SiO<sub>2</sub>, or 5.0 mg/m<sub>3</sub>, respirable fraction, time weighted average, is mandatory for substances in these categories and for which no specific permissible limits have been assigned. This limit((, for a normal workday, does not apply to brief exposures at higher concentrations. Neither does it)) does not apply to those substances which may cause physiologic impairment at lower concentrations but for which a threshold limit has not yet been adopted.
- (4) All inert or nuisance dusts, whether mineral, inorganic, or organic, not listed specifically by substance name, are covered by the particulate not otherwise regulated (PNOR) limit in Table 1: Limits for air contaminants, except: The exemption specified in subsection (3) of this section.

AMENDATORY SECTION (Amending Order 91-01, filed 5/20/91, effective 6/20/91)

WAC 296-62-07515 Control of chemical agents. Chemical agents shall be controlled in such a manner that the workers exposure shall not exceed the applicable limits in WAC 296-62-075 through 296-62-07515.

IMBLEI.1			·		STEL E/ CEILING				
	CAS 1/	TWA		31	<u>در</u>			Skin Desig-	
Substance	Humber	pom a/	mg/m³ ₽/	ppm <u>a</u> /	mg/m <sup>3</sup> ₽/	ppm <u>a</u> /		nation	
Abate, see Temephos									
Acetaldehyde	75-07-0	100	180	150	270				
Acetic acid	64-19-7	10	25	•••					
Acetic anhydride	108-24-7		•••			5.0	20		
Acetone	67-64-1	750	1800	1000	2400				
Acetonitrile	75-03>B	40	70	60	105				
2-Acetylaminofluorene (see WAC 296-62-07J)	53-96-3	<u></u>				•			
Acetylene	74-86-2	s fgm f 2	Asphyxlant			•			
Acetylene dichloride (see 1,2-Dichloroethylene)		\	·		•••				
Acetylene tetrabromide	79-27-6	1.0	H						
Acetylsalicylic acid	50-78-2		5.0	•••					
Accolein	107-02-8	0.1	0.25	0.3	0.8				
Acrilamide	79-06-1		0.03					X	
Acrylic acid	79-10-7	10	30	\				X ·	
Acrylonitrile (see NAC 296-62-07341)	107-13-1								
Aldrin	309-00-2		0.25	•	\			X	
Allyl alcohol	107-18-6	2.0	5.0	4.0	10	<b>\</b>		X	
Allyl Chloride	107-05-1	1.0	3.0	2.0	6.0	٠٠.		(	
Allyl glycidyl ether (AGE)	106-92-3	5.0	22	10	44				
Allyl propyl disulfide	2179-59-1	2.0	12	3.0	18	•••			
alpha-Alumina	1344-28-1		***		•••				
(see Aluminum oxide)	1744-50-1		10				\		
Total dust Respirable fraction			5.0	•••			•	//.	

INDECTIVE		1 6 1 111 1 2 1 6 1	C CAPCIOI C CI	,,				•	
	1,7	TVA	•	STE	<u>c</u> /	CEIL		Skin	
Substance	CAS 1/ Number	рот 4/	mg/m3 ₽/	ppm <u>a</u> /	<u>mq/m³</u> <u>b</u> /	ppm a/	mg/m3 ₽/	Desig- nation	
Aluminum, metal and									
oxide (as Al)	7429-90-5								
Total dust			10					,	
Respirable fraction			5.0						
pyro powders ",,	•••		5.0			•••	•		
welding fumes !!			5.0 · 2.0	•••					
soluble salts			2.0					•••	
alkyls (NOC)		<u> </u>	=						
Alundum (see Aluminum oxide)		<i></i> .							
4-Aminodiphenyl (see WAC 296-62-073)	92-67-1	/	•••		•••				
2-Aminoethanol (see Ethanolamine)	•	•••	/		•••				
2-Aminopyridine	504-29-0	0.5	2.0						
Amitrole	61-82-5		0.2						
Ammonia	7664-41-7	25	18	<b>\</b> 25	27	'			
Ammonium chloride, fume	12125-02-9		10		20				
Ammonium sulfamate (Ammate)	7773-06-0			\					
Total dust	***		10	*	<b>\</b>				
Respirable fraction			5.0		7.				
n-Amyl acetate	628-63-7	100	525		\				
sec-Amyl acetate	626-38-0	125	650		\				
Aniline and homologues	62-53-3	2.0	8.0			<b>\</b>		X	
Anisidine (o, p-isomers)	29191-52-4	0.1	0.5			<i>.</i>		X	
Anitmony and Compounds (as Sb)	7440-36-0	•••	0.5						
	86-88-4	•••	0.3				<b>\</b>	·	
ANTU (alpha Naphthyl thlourea)			·						
Argon	7440-37-1	Simple	Asphyxlant						
Arsenic, Organic compounds (as As)	7440-38-2	•	0.2	•••		•••		/	١
								. \	

# Washington State Register, Issue 92-19

HT/PEL TABLE1.3			MITS FOR AIR le Exposure L1	mits (PEL)				•
	cas 1/	TWA	١	STEL C		CEILING		Skin
Substance	Humber CV2 -	ppm a/	mg/m³ b/	ppm <u>a</u> /	mg/m3 b/	ppm <u>a</u> /	mg/m3 b/	Desig- nation
Arsenic, Inorganic compounds, (as As) (see WAC 206-62-07347 for applications and exclusions)	7440-38-2		0.2					
Arsine	7784-42-1	0.05	0.2					
Asbestos (see WAC 296-62-077 through	62-07753)	+						
Asphalt (Petroleum fumes)	B052-42-4	<b>\</b>	5.0					
Atrazine	1912-24-9		5.0					
Azinphos methyl	86-50-0		0.2					X
Barium, soluble compounds (as Ba)	7440-39-3		0.5					
Barium Sulfate	7727-43-7							
Total dust			10.0					
Respirable fraction			5.0	<b>\</b>				
Benomy1	17804-35-2			>				
Total dust Respirable fraction		0.8	10	\				
•	***		5.0		\·			
Benzene, (see WAC 296-62-07523) <u>d</u> /	71-43-2	1.0		5.0	7.			
Benzidine, (see WAC 296-62-073)	92-87-5				\			
p-Benzoquimone, (see Quinone)								
Benzo(a) pyrene; (see Coal tar pitch volatile	s)						\	
Benzoyl peroxide	94-36-0		5.0 ·	· .				
Benzyl chloride	100-44-7	1.0	5.0				\	
Beryllium and beryllium compounds (as Be)	7440-41-7	0.002		0.005 (30 min.)		0.025		

HT/PEL FABLE1.4 TABLE 1: LIMITS FOR AIR CONTAMINANIS Permissible Exposure Limits (PEL)

	17	TW		ST	EL C/	CEILI	NG	Skin
Substance	CAS 1/ Humber	ppm a/	mq/m3 b/		<u>mg/m</u> 3 <u>b</u> /	ppm a/	mq/m³ b/	Desig- nation
Biphenyi (see Diphnyi)								
Bismuth telluride, Undoped	1304-82-1		•					
Total dust	•-•		10					
Respirable fraction	<b>\</b>		5.0					
Bismuth telluride, Se-doped	•••		5.0					
Borates, tetra, sodium salts:	:::.							
Anhydrous	1330-43-4		1.0					
Decahydrate Pentahydrate	1303-96-4 12179-04-3	/	5.0 1.0					
	1303-86-2							
Boron oxida Total dust	1303-80-2	\	10					
Boron tribromide	10294-33-4					1.0	10	
Boron trifluoride	7637-07-2					1.0	3.0	
Bromaci1	314-40-9	1.0	10	<b>\</b>				
Bromine	7726-95-6	0.1	0.7	`₽~₹	2.0			
Bromine pentafluoride	7789-30-2	0.1	0.7					
Bromochloromethane, (see Chlorobromethane)		***	•••	`	\			
Bromoform	15-25-2	0.5	5.0					ĹΧ
Butadiene (1,3-butadiene)	106-99-0	10	22					
Butane	106-97-8	800	1,900					
Butanethiol (see Butyl mercaptan)		•	•••			\		
2-Butanone (Methyl ethyl ketone)	78-93-3	200	590	300	885			
2-Butoxy ethanol (Butyl Cellosolve)	111-76-2	25	120				`	X
n-Butyl acetate	123-86-4	150	710	200	950			\

HT/PEL TABLE 1: LIMITS FOR AIR CONTAMINANTS
TABLE 1.5 Permissible Exposure Limits (PEL)

	11	TWA		STEL	<u>c</u> /	CEILIN		Skin
Substance	CAS 1/ Number	ppm <u>a</u> /	mg/m³ <u>b</u> /	ppm <u>a/</u>	mg/m³ b/	ppm ª/	mg/m3 ₽/	Desig- nation
sec-Butyl acetate	105-46-4	200	950					
tert-Butyl acetate	540-88-5	200	950					
Butyl acrylate	141-32-2	10	55					
n-Butyl alcohol	√1-36-3				•••	50	150	Х
sec-Butyl alcohol	78-92-2	100	305				•••	
tert-Butyl alcohol	75-65 <b>-Q</b>	100	300	150	450			
Butylamine	109-73-9					5.0	15	X
tert-Butyl chromate (see C <sub>r</sub> O <sub>3</sub> )	1189-85-1	<u> </u>			•••		0.1	X
n-Butyl glycidyl ether (BGE)	2426-08-6	25	135		•••			
n-Butyl lactake	138-22-7	5.0	25		•••			
Butyl mercaptan	109-79-5	0.5	<b>\1.5</b>					
o-sec-Butylphenol	89-72-5	5.0	30		•			ΧÝ
p-tert-Butyl-toluene	98-51-1	10	60	20	120			
Cadmium oxide fume, (as Cd)	1306-19-0			<b>\</b>			0.05	
Cadmium dust and salts (as Cd)	7440-43-9		0.05	-/-				
Calcium arsenate (see WAC 296-62-07347)	•••••							
Calcium carbonate	1317-65-3				\·			
Total dust			10 5.0					
Respirable fraction								
Calcium cyanamide	156-62-7 _		0.5			·		
Calcium hydroxide	1305-62-0		5.0	ī		1		
Calcium oxide	1305-78-8		2.0	<b></b>				
Calcium silicate	1344-95-2							
Total dust			10 5.0				\	•••
Respirable fraction	7778-18-9							
Calcium sulfate Total dust	///0-10-3	•	10				\	
Respirable fraction			5.0				`	/
								_

				e l					
• /	TWA		STE	EL ='	CEII	THC -	Skin		
CAS <u>-'</u> Humber	ppm a/	mg/m <sup>3</sup> b/	ppm a/	<u>mg/m</u> 3 b/.	ppm <u>a</u> /	<u>mq/m</u> 3 ₽/	Oesig- nation		
76-22-2		2.0				•••			
105-60-2									
			10						
<b></b>			•				X		
2425-06-1	•••			•••					
133-98-5		5.0							
63-25-2		5.0							
1563-66-2	<b>\</b>	0.1							
1333-86-4	->~	3.5		***					
124-38-9	5,000	9,000	30,00	54,000					
75-15-0	4.0	12	12	36			X		
630-08-0	35	10			200	229			
558-13-4	0.1	1.4	0.3	4.0					
56-23-5	2.0	12.6							
	•••	•••	/						
353-50-4	2.0	5.0	5.0	15			•••		
120-80-9	5.0	20	`	<b>\</b>			X		
9004-34-6				٠,٠			• • •		
	***			_			•••		
21351-79-1		_			\		X		
					~~ .		â		
8001-35-2	•••				`				
55720-99-5						_			
7782-50-5	0.5	1.5			-	./			
10049-04-4	0.1	0.3	0.3	0.9					
7790-91-2							\		
107-20-0					1.0	3.0	1.		
	76-22-2 105-60-2  2425-06-1 133-06-2 63-25-2 1563-66-2 1333-86-4 124-38-9 75-15-0 630-08-0 558-13-4 56-23-5  353-50-4 120-80-9 9004-34-6  21351-79-1 57-74-9 8001-35-2 55720-99-5 7782-50-5 10049-04-4 7790-91-2	CAS 1/ Humber ppm 4/ 76-22-2 105-60-2 5.0 2425-06-1 133-06-2 63-25-2 1563-66-2 1333-86-4 124-38-9 5,000 75-15-0 4.0 630-08-0 35 558-13-4 0.1 56-23-5 2.0  353-50-4 2.0 120-80-9 5.0 9004-34-6  21351-79-1 57-74-9 8001-35-2 55720-99-5 57782-50-5 0.5 10049-04-4 0.1 7790-91-2	Number   ppm	Number   ppm   a / mg/m3   b / ppm   a / ppm	CAS 1/ Humber	Number   ppm a   mq/m3 b   ppm - mq/m3 b   ppm a   mq/m3 b   ppm - mq/m3 b	Number   ppm a   mq/m3 b   p		

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TABLE 1: LIMITS FOR AIR CONTAMINANTS
TABLE 1. LIMITS FOR AIR CONTAMINANTS
Permissible Exposure Limits (PEL)

	17	TW	١ .	ST	EL <u>c</u> /	CEIL	ING	Skin
Substance	CAS 1/ Number	ppm a/	mg/m3 b/	ppm a/	mg/m3 b/	<u>а</u> / ррm <u>-</u>	mg/m3 b/	Desig- nation
a-Chloroacetophenone (Phenacyl chloride)	532-21-4	0.05	0.3					
Chloroacetyl chloride	79-04-9	0.05	0.2					
Chlorobenzene (Monochlorobenzene)	108-90-7	75	350					
o-Chlorobenzylidene malononitrile (OCBM)	2698-47-1					0.05	0.4	X
Chlorobromomethane	74-97-5	200	1,050					
2-Chloro-1, 3-butadiene (see beta-Chloroprene)								
Chlorodifluoromethane	75-45-6	1,000	3,500					
Chlorodiphenyl (42% Chlorine) (PCB)	53469-21-9		3.0		***			X
Chlorodiphenyl (54% Chlorine) (PCB)	11097-69-1		0.5					X
1-Chloro-2, 3-epoxypropane, (see Epichlorhydrin)				-2				
2-Chloroethanol (see Ethylene chlorohydrin)					\			
Chloroethylene (see vinyl chloride)								
Chloroform (Trichloromethane)	67-66-3	2.0	9.78			<b></b>		
1-Chloro-1-mitropropane	600-25-9	2.0	10			٠,٠		
bis-Chioromethyl ether (see WAC 296-62-073)	542-88-1					/		
Chloromethyl methyl ether (See Hethyl carbomethyl ether)	107-30-2		••• .			***	/	
Chloropentafluoroethane	76-15-3	1,000	6,320		• • • •		\	
Chloropicrin	76-06-2	0.1	0.7					\
beta-Chloroprene	126-99-8	10	35					X,

# HT/PEL TABLE1.8

	CAS 1/	TWA		STEL	<u>c</u> /	CEILING		Skin
Substance	Number CAS =	ppm a/	mg/m³ b/	ppm a/	<u>mg/m³</u> b/	ppm a/	mg/m3 b/	Desig- nation
o-Chlorostyrene	2039-87-4	50	285	75	428			
o-Chlorotoluene	95-49-8	50	250					
2-Chioro-6-trichloromethylpyridine (see Nitrapyrin)	1929-82-4							
Total dust			10					
Respirable fraction	\		5.0					
Chlorpyrifos	2921-88-2		0.2					X
Chromic acid and chromates Var (as $C_{\Gamma}O_3$ )	ries w/compounds	<i></i>					0.1	
Chromium (II) compounds (as Cr)	7440-47-3	\	0.5		•••			
Chromium (III) compounds (as Cr)	7440-47-3		0.5	***	•••			
Chromium (VI) compounds (as Cr)			0.05					
Chromium Hetal	7440-47-3		0.5					
Chromyl chloride	14977-61-8	0.025	0.15					
Chrysena: (see Coal tar pitch volatiles)					<b></b>			
Clopidol	2971-90-6				\			
Total dust			10					
Respirable fraction			5.0			<i>`</i> ~.		
Coal Dust (less than 5% \$10 <sub>2</sub> ) Respirable fraction			2.0					
Coal dust (greater than or equal to 5% S1O <sub>2</sub> ) Respirable fraction			0.1				<i>i.</i> .	
Coal tar pitch volatiles (benzene soluble fraction anthracene, BaP, phenanthrene, acridine, chrysene, pyrene)	65996-93-2	•	0.2			•••		\



***		TVA		STEL	<u>c</u> /	CEILING	:	Skin
_	CAS 1/		.,					Desig-
Substance	Number .	ppm <u>a</u> / .	_mg/m <sup>3</sup> <sup>b</sup> / .	ppm <u>a</u> / .	<u>mg/m</u> 3 ₽/	ppm a/	mg/m³ <u>b</u> /	nation
Cobalt, metal fume & dust, (as Co)	7440-48-4	•••	0.05	•		***		
Cobalt carbonyl (as Co)	10210-68-1		0.1					
Cobalt hydrocarbonyl (as Se; >	16842-03-8		0.1					
Coke oven emissions (see WAC 296-62-200)	`							
Copper fume (as Cu)	7440-50-8		0.1					
Ousts and mists (as Cu)		· ~~~	1.0					
Cotton dust (raw) £/			1.0					
Corundum, (see Aluminum oxide)	***							
Crag® herbicide (Sesone)	135-78-7	'-						
Total dust			10					
Respirable fraction			5.0					
Cresol (all Misomers)	1319-77-3	5.0	22					X
Crotonaldehyde	123-73-9; 4170-30-3	2.0	6.0					
Crufomate	299-86-5		5.0					
Cumene	98-82-8	50	245				'	X
Cyanamide	420-04-2		2.0	•••	`			
Cyanide (as CN) Yar	les with Compound		5.0	***				X
Cyanogen	450-19-5	10	20				· ·	
Cyanogen chloride	506-77-4					<b>.0.3</b>	:0.6	/
Cyclohexane	110-82-7	300	1,050					
Cyclohexanol	108-93-0	50	200	<b>1</b>				X ·
Cyclohexanone	108-94-1	25	100	1				X
Cyclohexene	110-83-8	300	1.015					
Cyclohexylamine	108-91-8	10	40					
Cyclonite (see RDX)	121-82-4	•••	1.5					\ X
Cyclopentadiene	542-92-7	75	200					
								-1

HT/PEL MOLEL.10

	CAS 1/	TW			EL <u>C</u> / .	CEIL		Skin
Substance	Number	ppm ª/	mg/m³ ₽/	ppm a/	my/m <sup>3</sup> ≅/	<u>ρρm                                   </u>	<sup>mg/m</sup> 3 ₽/	Oesig- nation
Cyclopentane	287-92-3	600	1,720					
Cyhexatin	13121-70-5		5.0					
2.4-0 (Dichlorylphenoxy- acetic acid)	94-75-7		10			•		•
OOT (Dichlorodiphenyltri- chloroethane)	38-29-3		1.0					X
DOYP, Olchlorvos	62-13-7	0.1	1.0					X
Decaborane	17702-41-9	0.05	0.3	0.15	0.9			X
Deme ton#	8065-48-3	0.01	0.1					X
Diacetone alcohol (4-hydroxy-4-methyl-2-pentan	123-42-2 one)	50	240					
<ol> <li>2-Diaminoethane (see Ethylenediamine)</li> </ol>			<i>\</i>					
Diazinon	333-41-5		0.1				•••	X
Diazomethane	334-88-3	ď. 2	0.4	<b>\</b>	***			
Diborane '	19287-45-7	0.1	0.1	٠,٠			•••	
Dibrom®, (see Naled)								
1, 2-D1bromo-3-chloropropane (see WAC 296-62-07345)	96-12-3			`	\ <u></u>			
2-N-Dibutylamino ethanol	102-81-8	2.0	14					Х
Olbutyl phosphate	107-66-4	1.0	5.0	2.0	10			
Dibutyl phthalate	84-74-2		5.0			<b>\</b>		
Dichloroacetylene	7572-29-4		•••			9:1	0.4	
o-Oichlorobenzene	95-50-1					50	300	
p-Oichlorobenzene	106-46-7	75	450	110	675	****************	<b>\</b>	
3, 3'-Olchlorobenzidine (see WAC 296-62-073)	91-94-1		***			<del>47</del> 1		
Dichlorodifluoromethane	75-71-8	1,000	4,950			·		<b>\</b>
1, 3-Oichloro-5, 5-dimethyl hydantoin	118-52-5		0.2		0.4			7

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HT/PEL

TAOLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	CAS 1/	TWA		STĘL	. <u>c</u> /	, CEILIN	G	Skin
Substance	Number	ppm a/	mg/m³ ₽/	ppm <u>a</u> /	mg/m³ ₽/	ppm <u>a</u> /	mg/m3 b/	Oesig- nation
1, 1-Dichloroethane	75-34-3	100	400	•				
1, 2-Dichloroethane (see Ethylene dichloride)								
1, 2-Oichioroethylene	540-59-0	200	790					
1, 1-Dichloroethylene (see Yinylidene chloride)	7		•		•••			
Dichloroethyl ether	111-44-4	5.0	30	10	60			x
Dichiorofluoromethane	75-43-4	10	40					
Dichloromethane (see Hethylene chloride)		\	•••					
1, 1-Dichloro-1-mitroethane	594-72-9	2.0	10.	10.				
<ol> <li>Z-Dichloropropane (see Propylene dichloride)</li> </ol>		\	····	•				
Dichloropropene	542-75-6	1.0	5.0					x
2, 2-Dichloropropionic actd	75-99-0	1.0	6.0					
Dichlorotetrafluoroethame	76-14-2	1,000	7,000					
Dichlorvos (DDYP)	62-73-7	0.1	1.0					X
Dicrotophos	141-66-2		0.25	24-				X
Dicyclopentadiene	77-73-6	5.0	30	\				
Dicyclopentadlenyl iron	102-54-5	•••		\	•••			
Total dust	•••		10	•	\			
Respirable fraction Dieldrin			5.0		*-			
	60-57-1		0.25		\			X
Diethanolamine	111-42-2	3.0	15	1	\			
Diethylamine	109-89-7	10	30	25	75	\		
2-Diethylaminoethanol	100-37-8	10	50			-24		X
Diethylene triamine	111-40-0	1.0	4.0			\		X
Diethyl ether (see Ethyl ether)								
Diethyl ketone	96-22-0	200	705				`	
Diethyl phthalate	84-65-2		5.0					

HT/PEL TABLE1.12

	CAS 1/	TWA		STI	<u>د</u> /	CEIL	.ING	Skin
Substance	Number	ppm a/	mg/m³ b/	ppm <u>a</u> /	mg/m³ b/	ppm a/	mg/m³ b/	Desig- nation
Difluorodibromomethane	75-61-6	100	850	***				
Diglycidyl ether (DGE)	2238-07-5	0.1	0.5					
Dihydroxybenzene (see Hydroquinone)								
Diisobutyi ketone	108-83-8	25	150					
Diisopropylamine	108-18-9	5.0	20					
Dimethoxymethane (see Mathyla	1)							X
Dimethyl acetamide	127-19-3	10						
Dimethylamine	124-40-3		35					X
4-Dimethylaminoazobenzene		_10	18					
(see WAC 296-62-073)	60-11-7	1.						
Dimethylaminobenzene (see Xylidene)		\	·					
Dimethylaniline (see N, N-Dimethylaniline)	121-69-7	5.0	32	10	50			x
Dimethylbenzene (see Xylene)	•••							
Dimethyl-1, 2-dibromo-2,	300-76-5		3.0					
2-dichloroethyl phosphate (see Naled)	200 70-3		3.0	/				X
Dimethylformamide	68-12-2	10	30					
2, 6-Dimethylheptanona	••••				<b>\</b>			X
(see Diisobutyl ketone)					<b>\'</b> -			
1, 1-0imethylhydrazine	57-14-7	0.5	1.0					
Dimethyl phthalate	131-11-3		5.0		_			X
Dimethyl sulfate	77-78-1	0.1	0.5			\		
Dinitolmide	148-01-6					-><		X
(3, 5-Dinitro-o-toluamide)	140-01-0		5.0			\		
Dinitrobenzene (all isomers)			5.0				<b></b>	
•	(aipha)528-29-0; (meta) 99-65-0; (para) 100-25-4	0.15	1.0				7.	X

HT/PEL TABLE1.13

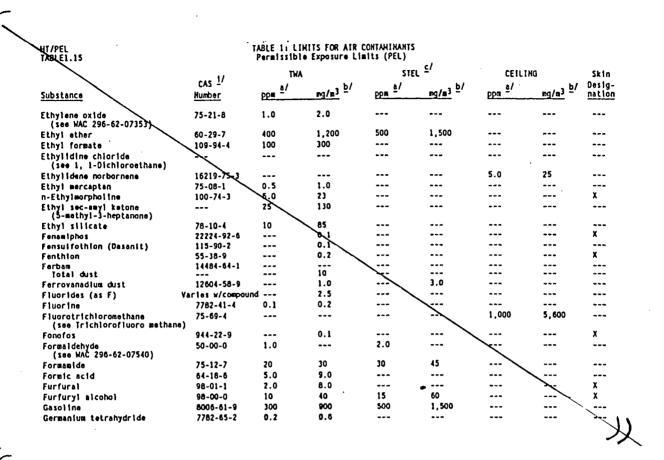
#### TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

					<u>c</u> /			
	CAS 1/	TVA		STEL	_	CEILIN		Skin
Substance	Number	ррш <u>а</u> /	<sup>md \ш</sup> 3 ₽\ .	<u>ppm a/</u> .	mg/m3 <u>Þ</u> /	ppm 4/	<u>mg/m3</u> b/	Desig- nation
Dinitro-o-cresol	534-52-1		0.2					x
Dinitrotoluene	25321-14-6		1.5	•••				X
Dioxane (Diethylene dioxide)	123-91-1	25	90					X
Dioxathion	78-34-2		0.2					X
Diphenyl (Biphenyl)	92~52-4	0.2	1.0					
Diphenylamine	122-39-4		10					
Diphenylmethane diisocyanate (see Hethylene bisphenyl isocyanate (HOI))								•••
Dipropylene glycol methyl ether	34590-94-8	100	600	150	900			X
Dipropyl ketone	123-19-3	50	235					
Diquat	85-00-7		<b>10.</b> 5					
Oi-sec, Octyl phthalate (Di-Z-ethylhexylphthalate)	117-81-7		5.8		10	•••		
Disulfram	97-77-8		2.0	<b>\</b>				
Disulfoton	298-04-4		0.1	<i>.</i>	•-•	•••		X
2, 6-01-tert-butyl-p-cresol	128-37-0	•••	10					
Diuron	330-54-1		10	\	<b></b>			
Divinyl benzene	1321-74-0	10	50		<i>√</i> .	•		
Emery	112-62-9				\			
Total dust			10		/		'`.	
Respirable fraction			5.0			<b>_</b>		
Endosulfan (Thiodan®)	115-29-7		0.1			7.		X
Endrin	72-20-8		0.1					X
Epichlorhydrin	106-89-8	2.0	- 8.0					X
EPH	2104-64-5		0.5				<b>~</b> .	X
<ol> <li>2-Epoxypropane (see Propylene oxide)</li> </ol>		•••						
2. 3-Epoxy-1-propanol (see Glycidol)	•••							7.

NE/PEL

		TWA		STEL	<u>c</u> /	CEILING		
	CAS 1/	a /	- b/	oom a/				Skin Desig-
Substance	Number	ppm a/	mg/m³ b/	ррт =	mg/m³ b∕	ppm a/	mg/m3 ₽/	nation
Ethane		Simple	Asphyxtant				``	
Ethanethiol (see Ethyl mercaptan)						·		
Ethanolamine	V41-43-5	3.0	8.0	6.0	15			
Ethion	567-12-2		0.4					X
2-Ethoxyethanol	110-80-6	5.0	19					X
2-Ethoxyethyi acetate (Ceilosolve acetate)	111-15-9	5.0	27					X
Ethyl acetate	141-78-6	409	1,400					
Ethyl acrylate	140-88-5	5.0	20	25	100			X
Ethyl alcohol (ethanol)	64-17-5	1,000	1,900					
Ethylamine	75-04-07	10	74					
Ethyl amyl ketone (5-Hethyl-3-hepatone)	541-85-5	25	130					<b></b> ,
Ethyl benzene	100-41-4	100	435	125	545			
Ethyl bromide	74-96-4	200	890	250	1,110			
Ethyl butyl ketone (3-Heptanone)	106-35-4	50	230					
Ethyl chloride	75-00-3	1,000	2,600		<b>\</b>			
Ethylene	74-85-1	Simple	Asphyxiant					
Ethylene chlorohydrin	107-07-3				\	1.0	3.0	X
Ethylenediamine	107-15-3	10	25			<b>\</b>		х
Ethylene dibromide	106-93-4	0.1		0.5		->-	~	
Ethylene dichloride	107-06-2	1.0	4.0	2.0	8.0			
Ethylene glycol	107-21-1					50 .	125	
Ethylene glycol dinitrate	620-96-6				0.1		<b>&gt;</b> -	X
Ethylene glycol monomethyl ether acetate (Hethyl cellosolve acetate)	•••	5.0		•••				×
Ethyleneimine (see VAC 296-62-073)	151-56-4						,	x

JIT/PEL



	. TWA			STE	-	CEILI		Skin
Substance	CAS 1/ Number	ppm <u>a</u> /	mg/m³ b/	ppm <u>a</u> /	mq/m3 ₽/	ppm a/	mg/mJ ₽/	Desig- nation
Glass, fibrous or dust			10				•••	
Gluteraldehyde	111-30-8					0.2 .	0.8	
Glycerin mist	56-81-5							
Total dust			10					
Respirable fraction	Z		5.0		•••			
Glycidol (2, 3-Epoxy-l- propanol)	558-52-5	25	75			•		
Glycol monoethyl ether (see 2-Ethoxyethanol)	··· /				***			
Grain dust (oat, wheat, barley)		<i>`</i> -\.	10		····			
Graphite, natural	7782-42-5	\					•••	
Respirable dust		\	2.5					
Graphite, Synthetic			<b>\</b>					
Total dust			10		•••			
Respirable fraction			5.0					
Guthion♥ (see Azinphosmethyi)				·				
Gypsum	13397-24-5			->	•••			
Total dust	***		10	/				
Respirable fraction			5.0		<b>\</b>			
Hafnium .	7440-58-6		0.5		1			
He i ium		Simple	Asphyxiant					
Heptachlor	76-44-8		0.5		\			X
Heptane (n-heptane)	142-82-5	400	1,600	500	2,000	<b>\</b>		
2-Heptanone, (see Hethyl n-amyl ketone)	***					7	•••	
J-Heptanone (see Ethyl butyl ketone)		•••	:			\	\	
Hexachlorobutadlene	87-68-3	0.02	0.24					X
Hexachlorocyclopentadlene	77-47-4	0.01	0.1			•••		
								$\searrow$

TABLEN, 17		remissible	exposure timi				•	
	17	TWA		2166	<u>c</u> /	CEILING		Skin
Substance	CAS 1/ Number	ppm a/	mg/m³ b/	ppm 4/	mg/m <sup>3</sup> p/	ppm a/	mg/m³ b/	Desig- <u>nation</u>
Hexachloroethane	67-72-1	1.0	10	•••				x
Hexachloronaphthalene	1335-87-1		0.2					X
Hexafluoroacetone	684-16-2	0.1	0.7					X
Hexane								
n-hexane	10-54-3	50	180			·.		
other Isomers Ya	cles w/compound		1,800	1,000	3,600			,
2-Hexanone (Hethyl-n-butyl ketone)	591-78-6	5.0	20					
Hexone (Hethyl Isobutyl ketone)	108-10-1	50	205	75	300 .			
sec-Hexyl acetate	108-84-9	50	300					
Hexylene Glycol	107-41-5	··· D				25	125	
Hydrazine >	302-01-2	0.1	0.1	•••				X
Hydrogen		Simple	Asphyxiant					
Hydrogenated terphenyls	61788-32-7	0.5	5.0					
Hydrogen bromide	10035-10-6		\		•	3.0	10	
Hydrogen chloride	7647-01-0			<b>\</b>		5.0	7.0	
Hydrogen cyanida	74-90-8			λ	5.0			X
Hydrogen fluoride	7664-39-3		•••		***	3.0	2.5	
Hydrogen peroxide	7722-84-1	1.0	1.4	\	***			
Hydrogen selenide (as Se)	7783-07-5	0.05	0.2		/			
Hydrogen Sulfide	7783-06-4	10	14	15	2)	'		,. <b></b>
Hydroquinone	123-31-9		2.0	•••	\			
4-Hydroxy-4-methyl-2-pentanone (see Diacetone alcohol)	•	•••-		•••	\	·		 ·
2-Hydroxypropyl acrylate	999-61-1	0.5	J_0			->-		X
Indene	95-13-6	10	45	<del>!</del>	:-	/		
Indium and compounds (as In)	7440-74-6		0.1			\		
Indine	7553-56-2		,			0.1	<b>V</b> .0	
lodoform	75-47-8	0.6	10 .				>	
Iron oxide dust and fume (as fe	1309-37-1	•••					/	
Total particulate		•••	5.0				\	\
·								ソ)

	CAS 1/	AKT		STE	<u>.</u> <u></u>	CEILI	на	Skin
Substance	Number	ppa a/	mq/m3 b/	ppm a/	mg/m³ b/	ppm a/	mg/m3 b/	Desig- nation
Iron pentacarbonyl (as Fe)	13463-40-6	0.1	0.8	0.2	1.6			
Iron salts, soluble (as Pa) V	aries w/compound		1.0					
Isoamyl acetate	123-92-2	100	525					
Isoamyl alcohol (primary and secondary)	123-51-3	100	360	125	450	•		
[sobutyl acetate	110-19>0	150	700					
Isobutyl alcohol	78-83-1	50	150	•••				
lsooctyl alcohol	26952-21-6	₹0	270		***			X
Isophorone	78-59-1	4.0	23			5.0	25	
Isophorone dissocyanate	4098-71-9	0.005	0.045	0.02				X
Isopropoxyethanol	109-59-1	25	105					
Isopropyl acutate	108-21-4	250	938	310	1,185			
Isopropyl alcohol	67-63-0	400	980	500	1,225			
Isopropylamine	75-31-0	5.0	12	_ 10	24			
H-Isopropylaniline	768-52-5	2.0	10	<b>\</b> .				X
Isopropyl ether	108-20-3	250	1,050			• • •		
Isopropyl glycldyl ether (IGE)	4016-14-2	50	240	75	360			
Kaolin								
Total dust			10					
Respirable fraction	•••		5.0		-:: \			
Ketene	463-51-4	0.5	0.9	1.5	3.0	····		
Lead inorganic (as Pb) (see WAC 296-62-07521)	7439-92-1		0.05			1		
Lead arsenate (see WAC 296-62-07347)	3687-31-8		0.05					
Lead chromate	7758-97-6		0.05				*	
Limestone	1317-65-3							
Total dust			10					<b>\</b>
Respirable fraction			5.0					1
Lindane	58-89-9		0.5					XX
					-			~/

	1/	TWA		STEL	<u>c</u> /	CEILING	Skin	
Substance	CAS 1/ Number	ppm a/	mg/m³ b/	ppm a/	mg/m3 b/	ppm <u>a</u> /	mg/mJ ₽/	Oesig- nation
Lithium hydride	7580-67-8	•••	0.025					
L.P.G. (liquified petroleum gas)	68476-85-7	1,000	1,800		***			
Hagnesite	546-93-0							
Total dust	<b></b>	•••	10					
Respirable fraction	<b>~</b> ·	•••	5.0					
Hagnesium oxide fume	1303-48-4							
Total particulate			10					
Malathion'	121-75-5							
Total dust		<u> </u>	10					Х
Haleic anhydride	108-31-6	0.85	1.0					
Manganese and compound (as Mn)	7439-96-5	/		•••	•••		5.0	
Manganese tetroxide and fume (as Mn)	7439-96-5		1.0		3.0	***	·	
Hanganese cyclopentadienyl tricarbonyl (as Mn)	12079-65-1	•••	0.1		•••			X
Hanganese tetroxide (as Hn)	1317-35-7		1.0		•••			
Harble	1317-65-3							
Total dust			10					
Respirable fraction			5.0	\			:	
Mercury (aryl and inorganic) (as Hg)	7439-97-6				<u></u>	·	0.1	<b>X</b> ·
Hercury (organo-alkyl compounds) (as Hg)	7439-97-6		0.01	•••	0.03	•		X
Hercury (vapor) (as Hg)	7439-97-6		0.05					Χ.
Hesityl oxide	141-79-7	15	60	25	100	<i>`</i>		
Hethacrylic acid	79-41-4	20	70					X
Hethane		Simple	Asphyxiant	-!-		\	•••	•••
Hethanethiol (see Hethyl mercaptan)		•			•		/-	'
Hethomyl (lannate)	16752-77-5		2.5	•••			\	
Hethoxychlor	72-43-5		<b>-</b>					
Total dust			10	^-		*-*		.7/

HAPEL TABLEL 20

	17	TWA		\$16	:L <u>c</u> /	, CEIL	.ING	Skin
Substance	CAS 1/ Number	pom a/	<u>mg/m</u> 3 <u>b</u> / .	ppm <u>a</u> /	<u>mg/m</u> 3 ½/	ppm a/	mg/m3 <u>b</u> /	Desig- nation
2-Hethoxyethanol (Hethyl cellosolve)	109-86-4	5.0	16			•••		x
4-Hethoxyphenol	150-76-5		5.0					
Hethyl acetate	79-20-9	200	610	250	760			
Hethyl acetylene (propyre)	74-99-7	1,000	1,650					
Methyl acetylene-propadiene mixture (MAPP)	\	1,000	1,800	1,250	2,250			
Methyl acrylate	96-33-3	NQ '	ັ ງ5					X
Hethylacrylonitrile	126-98-7	1.0	3.0					X
Hethylal (Oimethoxy-methane)	109-87-5	1,000	3,100					
Hethyl alcohol (methanol)	67-56-1	200	260	250	325			X
Hethylamine	74-89-5	10	12					
Hethyl amyl alcohol (see Hethyl isobutyl carbino	ol)		\	·	•••			
Hethyl n-amyl ketone (Z-Heptanone)	110-43-0	50	235	<i>.</i>				
N-Methyl aniline (see Honomethyl aniline)				\	\		•••	•
Hethyl bromide	74-83-9	5.0	20		/			X
Hethyl butyl ketone (see 2-Hexanone)								:
Hethyl cellosolve (see 2-Hethoxyethanol)	109-86-4	5.0	16			1	:	X
Hethyl cellosolve acetate (2-Hethoxyethyl acetate)	110-49-6	5.0	24		•••	\	<b>\</b>	X
Hethyl chloride	74-87-3	50	105	100	210			
Methyl chloroform (1, 1, 1-trichlorethane)	71-55-6	350	1,900	450	2,450		\	\
Hethyl chloromethyl ether (see WAC 296-62-073)	107-30-2	•••		•••	•••			

	cus 1/	CAS 1/		STE	:L <u>c</u> /	CEIL	ING	Skin
Substance	llumber	ppm ª/	mg/m <sup>3</sup> b/	ppm <u>a</u> /	mg/m³ ₽/	ppm <u>a</u> /	mg/m3 b/	Desig- nation
Methyl 2-cyanoacrylata	137-05-3	2.0	8.0	4.0	16			`
Hethylcyclohexane	108-87-2	400	1,600					
Methylcyclohexanol	25639-42-3	50	235			•		
Methylcyclohexanone	8-09-08	50	230	75	345			X
Methylcyclopentadlenyl manganese tricarbonyl (as Mn)	15108-13-3		0.2	•••				X ,
Hethyl demeton	8022-00-2		0.5				***	х
Methylene bisphenyl isocyanate (MDI)	101-68-8	\			•••	0.02	0.2	
4, 4'-Hethylene bis (2-chloroanlline (HOOCA)) (see WAC 296-62-073)	101-14-4	0.02	0.22	•••			•••	x
Methylene bis (4-cyclohexylisocyanate)	5124-30-1	•••				0.01	0.11	
Methylene chloride	75-09-2	100		<b>&gt;</b> 500			•••	
4, 4-Methylene dianiline	101-77-9	0.1	0.8					X
Methyl ethyl ketone (MEK) (sce 2-Outanone)	78-93-3						,	
Methyl ethyl ketone peroxide (MEKP)	1338-23-4				<i>.</i> ••	0.2	1.5	
Methyl formate	107-31-3	100	250	150	375			
5-Hethyl-3-heptanone (see Ethyl amyl ketone)		·				7	•	
Methyl hydrazine (see Honomethyl hydrazine)	60-34-4				•••	0.2	0.35	X
Methyl lodide	74-88-4	2.0	10				· -	X
Methyl isoamyl ketone	110-12-3	50	240					
Hethyl isobutyl carbinol	108-11-2	25	100	40	165			×
Hethyl isobutyl ketone (see Hexone)		•••						/

	1/	TWA		312	:L <u>c</u> /	CEILI		Skin
Substance	CAS 1/ Number	ppm a/	mg/m3 b/	ppm <u>a</u> /	<u>mg/m³</u> <u>b</u> /	ppm a/	mg/m³ b/	Desig- nation
Methyl Isocyanate	624-83-9	0.02	0.05					X
Methyl Isopropyl ketone	563-80-4	200	705					
Methyl mercaptan	74-93-1	0.5	1.0					
Methyl methacrylate	80-62-6	100	410					
Methyl parathion	298-00-Q		0.2					X
Methyl propyl ketone (see 2-Pentanone)		·						
Methyl silicate	684-84-5	1.0	6.0					
alpha-Methyl styrene	98-83-9	50	240	100	485			
Methylene bisphenyl isocyanate (MOI)	101-68-8		/		•••	0.02	0.2	
Mevinphos∞ (sea Phosdrin)			\		•••			
Metribuzin	21087-64-9		5.0					
Mica (see Silicates)				<b>\</b>				
Molybdenum (as Mo)	7439-98-7							
Soluble compounds			5.0		·			
Insoluble compounds Total dust			10		<b>\</b> -			
Honocrotophos (Azodrin⊕)	6923-22-4		0.25					
Monomethyl aniline	100-61-8	0.5	2.0		`			X
Monomethyl hydrazine						Q.2	0.35	
Morpholine	110-91-8	20	70	30	105			X
Naled	300-76-5		3.0					X
Naphtha (Coal tar)	8030-30-6	100	400				<b>\</b>	, <b>X</b>
Naphthalene	91-20-3	10	50	15	75			
aipha -Naphthylamine (see WAC 296-62-073)	134-32-7							<u></u>
beta-Haphthylamine (see WAC 296-62-073)	91-59-8							

Skin

Desig-

nation

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X

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mg/m3 b/

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TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL) HT/PEL TABLEL . 23 STEL C/ CEILING TVA CAS 1/ ppm ª/ ppm ª/ mg/m<sup>3</sup> b/ ppm a/ mg/m3 b/ Number Substance Asphyxlant Simple 7440-01-9 Neon 0.007 13463-39-3 0.001 Nickel carbonyl (as Ni) Mickle, (as Ni)
Metal and insoluble compounds 7440-02-0 ---1.0 0.1 ------Soluble compounds 0.5 ------54-11-5 Nicotine ---Mitrapyrin (see 2-Chloro-6 trichloromethyl pyridine) Total dust ------1929-82-4 10 5.0 ------Respirable fraction 10 ---4.0 7697-37-2 2.0 5.0 Nitric acid

25

100

25

10

75-52-5

108-03-2

79-46-9

62-75-9

10102-43-9 Nitric oxide X 3.0 \_\_\_ ------100-01-6 p-Nitroaniline X ------5.0 98-95-3 1.0 Nitrobenzene ------92-93-3 4-Nitroblphenyl (see WAC 296-62-073) X 0.5 100-00-5 p-Hitrochlorobenzene ------4-Nitrodiphenyl (see WAC 296-62-073) ----> 100 310 ---79-24-3 Nitroethane ---**Asphyxiant** Simple 7727-37-9 10102-44-0 Nitrogen Nitrogen dioxide 1.0 1.8 ---7783-54-2 29 ---10 Nitrogen trifluoride X 0.1 ---55-63-0

250

90

35

\_\_\_

**3**0

1-Nitropropane 2-Nitropropane N-Nitrosodimethylamine (see WAC 296-62-073)

Mitroglycerin

Nitromethane

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HT/PEL TABLE1.24			IITS FOR AIR ( Exposure Lin					
	CAS 1/	AYT		STEL C		"CEILING		Skin
Substance	Number	. ppm <u>a</u> /	mg/m <sup>3</sup> b/.	ррш ≛/	<sup>mg/m3</sup> ₽/	ppm ª/	mg/m <sup>3</sup> ½/	Desig- nation
Mitrotoluene:				•				
o-Isomer	88-72-2	2.0	11					X
m-isomer	98-08-2	2.0	11					X
p-isomer	99-99-0	2.0	11					Х
Nitrotirchloromethane (see Chloropicrin)	<i>\'</i> .'							
Nitrous Oxide (Nitrogen oxide)	10024-97-2	30	54					
Nonane	111-84-2	200	1,050					
Octachloronaphthalene	2234-13-1		0.1		0.3			x
Octane	111-65-9	300	1,450	375	1.800			
Oil mist, mineral (particulate)	8012-95-1		5.0	•••				
Osmium tetroxide (as Os)	20816-12-0	0.0002	0.802	0.0006	0.006			
Dxalic acid	144-62-7		1.0		2.0			
Oxygen difluoride	7783-41-7	•••	\		2.0	0.05	0.1	
Ozone	10028-15-6	0.1	0.2	\	0.6		<del>-</del>	
Paraffin wax fume	8002-74-2	•	2.0	<u>`</u>				•••
Paraquat (Respirable dust)	4685-14-7 1910-42-5 2074-50-2	•••	0.1		 	•••		X
Parathion	56-38-2		0.1		\			х
Particulate polycyclic aromatic hydrocarbons (see coal tar pitch volatiles)						\ <u>`</u>		
Particulates not otherwise regulated (see WAC 296-62-0751					•••			
Total Dust			10 .				`.	
Respirable Fraction			5.0				\	
Pentaborane	19624-22-7	0.005	0.01	0.015	0.03		\	
Pentachloronaphthalene	1321-64-8		0.5					X
Pentachlorophenol	87-86-5		0.5					x\



TABLE I: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

_			-		-1			
	.,	TWA		STEL	. <del>"</del>	CEILIN	G	Skin
	CAS 1/	ppm a/	, , <u>b</u> /	a/	mg/m³ <u>b</u> /	a/	, , <u>b</u> /-	Desig-
Substance	Number	ppm —	mg/m³ º/	<u> </u>	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup> 0/	nation
Pentaerythritol	115-77-5					•		
Total dust Respirable fraction		•••	10 5.0					
Pentane	109-66-0	600	1,800	750	2,250			
2-Pentanone (methyl propyl ketone)	107-87-9	200	700	250	875		•••	***
Perchloroethylene (tetrachloroethylene)	127-18-4	25	170					
Perchloromethyl mercaptan	594-42-3	0.1	0.8					
Perchloryl fluoride	7616-94-6	3.0	14	6.0	28			
Perlite		<i>-</i> /-						
Total dust		/	10		•			
Respirable fraction			5.0					
Petroleum distillates (Naptha)	•••	100	100	•••	***		<b>-</b> .	***
Phenol	108-95-2	5.0	19		***			X ·
Phenothiazine	92-84-2		5.0					X
p-Phenylene diamine	106-50-3		0,1	<b>/</b>				X
Phenyl ether (vapor)	101-84-8	1.0	7.0	>				
Phenyl ether-diphenyl mixture (vapor)		1.0	7.0	/	·			
Phenylethylene, (see Styrene)			•••		7.			
Phenyl glycidyl ether (PGE)	122-60-1	1.0	6.0					
Phenylhydrazine	100-63-0	5.0	20	10	45			X
Phenyl mercaptan	108-98-5	0.5	2.0			<b>\</b>		
Phenylphosphine	638-21-1			•••		0.06	0.25	
Phorate	290-02-2		0.05	1	0.2	`		X
Phosdrin (Hevinphos®)	7786-34-7	0.01	0.1	σ <b>່.</b> 03	0.3		<b>\</b>	X
Phosgene (carbonyl chloride)	75-44-5	0.1	0.4		•••		-:-	
Phosphine	7803-51-2	0.3	0.4	1.0	1.0		\	
Phosphoric acid	7664-38-2		1.0		3.0			<b>\</b>
Phosphorus (yellow)	7723-14-0	•••	0.1	•				



IABLET		7 CT 101 3 3 10	ie exposure en	mics (ree)				
	1/	TW	A	516	ير <u>د</u> /	CEIL	ING	Skin
Substance	CAS 1/ Number	ppm a/	<u>mg/m³</u> b/	ppm a/	mg/m³ ₽/	, bbw <u>a</u> ,	mg/m3 b/	Desig- nation
Phosphorous oxychloride	10025-87-3	0.1	0.6				•••	•••
Phosphorus pentachloride	10026-13-8	0.1	1.0					
Phosphorus pentasulfide	1314-80-3	•••	1.0	•••	3.0			
Phosphorus trichloride	7749-12-2	0.2	1.5	0.5	3.0			
Phthalic anhydride	85-48-9	1.0	6.0					
m-Phthalodinitrile	626-17-5		5.0					
Picloram	1918-02-1							
Total dust		<b>\.</b> .	10					
Respirable fraction			5.0					
Picric acid	88-89-1	\	0.1					X
Pindone (see Pival) (2-Pivalyi-1, 3-indandione)	83-26-1		0.1	***	•••			
Piperazine dihydrochloride	142-64-3		5.0		•••			•••
Pival® (see Pindone)			\		•			
Plaster of Paris	26499-65-0			<b>\</b>				
Total dust			10	·/·			•••	
Respirable fraction			5.0	/				
Platinum (as Pt)	7440-06-4	***	1.0		<u> </u>	•••		
Hetal Soluble salts			0.002		7.	•••		
Polychlorobiphenyls (see Chlorodiphenyls)						•••		
Portland cement	65997-15-1		,			<b>\</b>		
Total dust			10	•••		1.		
Respirable fraction			5.0			/		
Potassium hydroxide .	1310-58-3				•••		2.0	
Propane	74-98-6	1,000	1,800				/	
Propargyl alcohol	107-19-7	1.0	2.0	•			/	X ·
beta-Propiolactone (see WAC 296-62-073)	57-57-8		•-•		•	•••		\ <u> </u>
Propionic acid	79-09-4	10	30					

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL) HT/PEL TABLE1.27 STEL 5/ CEILING Skin TWA CAS 1/ ppm a/ mg/m3 b/ Desig-nation <u>ppm a/</u> <u>ppa a/</u> mg/m³ b/ <u>mg/m3</u> <u>b</u>/ Substance <u>Kumber</u> 0.5 Propoxur (Baygon) 114-26-1 ---1,050 n-Propyl ecctate 109-60-4 200 840 250 -----n-Propyl alcohol 71-23-8 200 500 250 625 --n-Propyl nitrate 170 ... ---627-13-4 25 105 40 ------Propylene Simple Asphyxlant Propylene dichloride (1, 2-Dichloropropane) 110 510 78-97-5 75 350 X 0.3 ---6423-43-8 0.05 Propylene glycol dinitrate Propylene glycol monomethyl ether 360 150 540 107-98-2 700 ---Propylene imine 75-55-8 2.0 5.0 ---------Propylene oxide 75-56-9 20 50 ------Propyne, (see Hathyl acetylene) ---5.0 ---------Pyrethrum 8003-34-7 ---5.0 15 ---Pyridine 110-86-1 ---106-51-4 0.1 0.4 Quinone ---X 1.5 RDX (See Cyclonite) 20 90 108-46-3 10 45 Resorcinol Rhodium (as Rh) Insoluble compounds, Metal fumes and dusts Soluble compounds, salts 7440-16-6 ---0.1 ------299-84-3 10 ------Ronnel Rosin core solder, pyrolysis products (as formaldehyde) 0.1 ---5.0 83-79-4 ------Rotenone Rouge Total dust Respirable fraction 10 5.0 ---------8002-05-9 400 100 Rubber solvent (naphtha) 0.2 7782-49-2 Selenium compounds (as Se)

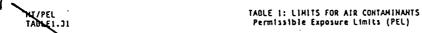
> TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

TABLEL.28		Permissibl	e Exposure Li	nits (PEL)	<u>c</u> /			
	17	TWA		STE		CEIL	ING	Skin
Substance	CAS 1/ Number	ppm <u>a</u> /	<sup>mg/m</sup> 3 ₽/	ppw a∕	mg/m³ ₽/	pρm ₫/	mg/m <sup>3</sup> ₽/	Oesig- nation
Selenium hexafluoride (as Se)	7783-79-1	0.05	0.2					
Sesone (see Crag herbicide)								
Silane (see Silicon tetrahydride)	<u>~~</u>							
Silica, amorphous, precipitated and gel	112926-00-0		6.0	***				
Silica, amorphous, diatomaceous earth, containing less than 1% crystalline silica	61790-53-2	/	6.0		•••		***	
Total dust			6.0					
Respirable fraction	***		1.0					
Silica, crystalling cristobalite (as quartz) respirable dust	14464-46-1		0.05					
Silica, crystalline quartz (as quartz), respirable dust	14808-60-7	•-•	0.1 g/ <u>h</u> /	· · · · ·				
Silica, crystalline tripoli (as quartz), respirable dust	1317-95-9	***	0.1	<b></b>	7			
Silica, crystalline tridymite (as quartz), respirable dust	15468-J2-J	-	0.05			\		
Silica, fused, respirable dust Silicates (less than 1% crystailine silica:	60676-86-0	•••	0.1		•••	\		•••
Hica (Respirable dust)	12001-26-2		3.0				\	
Soapstone, Total dust		•••	6:0					<b>\</b>
Soapstone, Respirable dust Talc (containing asbestos): use asbestos ilmit (see WAC 296-62-07517)		•••	J.0	•	•••	•••		

MYPEL

TABLE 1: LIMITS FOR AIR CONTAMINANTS HT/PEL TABLEL . 29 Permissible Exposure Limits (PEL) <u>c</u>/ CEILING Skin TWA mg/m<sup>3</sup> b/ Desig-nation mg/m3 b/ <u>a</u>/ ppm a/ CAS 1/ mq/m3 b/ ББш Number ppm Substance Talc (containing no asbestos), Respirable dust Tremolite 14807-96-6 2.0 ---(see WAC 296-62-07517) 7440-21-3 Silicon Total dust Respirable fraction 10 5.0 ------Silicon Carbide Total dust Respirable fraction 409-21-2 10 ---5.0 7.0 ------7803-62-5 5.0 ---Silicon tetrahydride Silver, metal dust and soluble compounds (as Ag) 0.01 7440-22-4 ------Soapstone (see Silicates) ------Soapstone (see Silicates)
Sodium azide
(as HMa)
(as NaRa)
Sodium blsulfite
Sodium-2,
4-dichlorophenoxyethyl
sulfate (see Crag herbicide)
Sodium fluoroacetate
Sodium mydroxide
Sodium metablsulfite 26628-22-8 ------------0.3 ---0.1 0.1 ---------5.0 7631-90-5 ------0.75 62-74-8 ---0.05 2.0 1310-73-2 7681-57-4 5.0 ---------Sodium metabisulfite ---9005-25-8 ---Starch ------10 ------Total dust ------5.0 Respirable fraction 7803-52-3 0.1 0.5 ------Stibine ---525 ---8052-41-3 100 ---Stoddard solvent 57-24-9 0.15 Strychnine 50 215 100 425 ---100-42-5 Styrene

HT/PEL TABLE1.30			MITS FOR AIR ( Exposure ()	alts (PEL)	-	,		•
· .	1/	TWA		51	IEL E/	CEILI	ING	Skin
Substance	CAS 1/ Number	рря <u>а</u> /	mg/m3 b/	ppm a/	mg/m3 b/	ppm a/	mg/m3 b/	Desig natio
Subtilisins	9014-01-1	***			0.00006 (60 min.)j/			
Sucrose	57-50-1							
Total dust	Jac -		10					
Respirable fraction			5.0					
Sulfotep (see TEDP)								X
Sulfur dloxide	7446-09-5	2.0	5.0	5.0	10			
Sulfur hexafluoride	2551-62-4	~1 <sub>4</sub> 000	6,000					
Sulfuric acid	7664-93-9		1.0					
Sulfur monochloride	10025-67-9	`				1.0	6.0	
Sulfur pentafluoride	5714-22-1		<u> </u>			0.01	0.1	
Sulfur tetrafluoride	7783~60-0		>			0.1	0.4	
Sulfuryl fluoride	2699-79-8	5.0	20	10	40 ·			
Sulprofos	35400-43-2		1.0	·				
Systox (see Demeton®)				-~				
2, 4, 5-T	93-76-5		10					
Talc (see Silicates)					<b>\</b>			
Tantalum Metal and oxide dusts	7440-25-7		5.0		/:			
TEOP (Sulfotep)	3689-24-5		0.2		\			X
Tellurium and compounds (as Te)	13494-80-9		0.1			·		
Tellurium hexafluoride (as Te)	7783-80-4	0.02	0.2			74.		
Temephos	3383-96-8							
Total dust Respirable fraction			10 5.0				<u> </u>	
TEPP	107-49-3	0.004	0.05				<i>~</i>	
	26140-60-3	0.004						X
Terphenyls 1, 1, 1, 2-Tetrachloro-2, 2-difluoroethane	76-11-0	500	4,170			0.5	5.0	\
1, 1, 2, 2-Tetrachloro-1,	76-12-0	500	4,170	•••				



		TVA	•	STE	د د/	CEILI	ıG	Skin
Substance	CAS 1/ Number	ppm a/	<u>mg/m³</u> <u>b</u> /	ppm a/	mg/m3 ₫/	Epm <u>a</u> /	mg/mJ b/	Desig- nation
1, 1, 2, 2-Tetrachloroethche	79-34-5	1.0	7.0					X
Tetrachioroethylene (see Perchioroethylene)								
Tetrachloromethane (see Carbon tetrachloride)	<u>/</u>		•••					
Tetrachloronaphhalene	1335>68-2		2.0					X
Tetraethyl lead (as Pb)	78-00-2		0.075					X
Tetrahydrofuan	109-99-9	200	590	250	735			
Tetramethyl lead (as Pb)	75-74-1	\.	0.075					X
Tetramethyl succinonitrile	3333-52-6	0.5	3.0					X
Tetranitromethane	509-14-8	1.0	8.0					
Tetrasodium pyrophosphate	7722-88-5		<b>\5.0</b>					
Tetryl (2, 4, 6-trinitrophenyl- methylnitramine)	479-45-8		1.3					X
Thailium (soluble compounds) (as T1)	7440-28-0		0.1	\ <u></u>		***		X
4, 4-Thiobis (6-tert-butyl-m-cresol)	96-69-5				•••	•••		
Total dust			10		<b>/</b>			
Respirable fraction			5.0		<i>/</i>			
Thloglycolic acid	68-11-1	1.0	4.0		/			X
Thionyl chloride	7719-09-7				\	1.0	5.0	
Thiram* (see WAC 296-62-07519)	137-26-8		5.0		•	/	•••	
Tin (as Sn) Inorganic compounds (except or	7440-31-5 kides)		2.0					
Tin, Organic compounds (as Sn)	7440-31-5		0.1	• •			\	X
Tin Oxide (as Sn)	21651-19-4		2.0					
Titanium dioxide	13463-67-7						\	
Total dust			10				'	<b>\</b>
Toulene	108-88-3	100	375	150	560			

TABLE1.JZ		Permissio:	e Exposure Ci					
	1/	AWT		STEL	. <u>.c</u> /	CEILI	NG .	Skin
Substance	CAS 1/ Number	ppm =/	mg/m <sup>3</sup>	ppm a/	mg/m³ b/	ppm <u>a</u> /	<u>mā\w</u> 3 ₽/	0esig- nation
Toluene-2, 4-dilsocyamate (TDI)	584-84-9	0.005	0.04 .	0.02 .	0.15			
m-Toluidine	108-44-1	2.0	9.0					X
o-Toluldine	95-53-4	2.0	9.0					X
p-Toluidine	106-49-0	2.0	9.0			•••		X
Toxaphene (see Chlorinated camphene)			***					•••
Tremolite (see Silicates)	\							
Tributyl phosphate	126-73-8	Q.2	2.5					
Trichloroacetic acid	76-03-9	1.8	7.0					
1, 2, 4-Trichlorobenzene	120-82-1	\				5.0	40	
1. 1. 1-Trichloroethane (see Hethyl chigroform)		`	/		•••			,
1, 1, 2-Trichloroethane	79-00-5	10	45		•			
Trichloroethylene	79-01-6	50	270	200	1,080			
Trichlorofluoromethane	75-69-4	***		\·		1,000	5,600	
Trichloromethane (see Chloroform)	•••			/		•••		
Trichloronaphthalene	1321-65-9		5.0		<b>\</b>			X.
1, 2, 3-Trichloropropans	96-18-4	10	60		7.			X
<ol> <li>1, 1, 2-Trichloro-1, 2, 2-trifluoroethane</li> </ol>	76-13-1	1,000	7,600	1,250	\$,500		 ;-	
Tricyclohexyltin hydroxide (see Cyhexatin)			•••			/		
Triethylamine	121-44-8	10	40	15	60	/		
Trifluorobromomethane	75-63-8	1,000	6,100				<b>\</b>	
Trimellitic anhydride	552-30-7	0.005	0.04			•	1.	
Trimethylamine	75-50-3	10	24	15	36		/	
Trimethyl benzene	25551-13-7	25	125					<b>\</b>
Trimethyl phosphite	121-45-9	2.0	10					7.
2, 4, 6-Trinitrophenol (see Picric acid)	•••							

TABLE 1: LIMITS FOR AIR CONTAMINANTS HT/PEL Permissible Exposure Limits (PEL) STEL <u>c</u>/..... TABLE1.33 Skin CEILING TVA <u>ppm</u> <u>a</u>/ mg/m³ ₽/ <u>mg/m</u>3 ₽/ CAS 1/ <u>mg/m</u>3 <u>p</u>/ <u>ppm</u> <u>a</u>/ ppm Number Substance ---2, 4, 6-Trinitrophegylmethylnitramine (see Tetryl) X 0.5 118-96-7 2, 4, 6-Trinitrotoluene (THT) X ---**₹8-30-8** 0.1 Triorthocresyl phosphate 5.0 ---------603~24-9 Triphenyi amine ---------3.0 115-86-6 ---Triphenyl phosphate ------7440-33-7 Tungsten (as W)
Soluble compounds 3.0 1.0 \_\_\_ 10 5.0 Insoluble compounds ---------100 560 8006-64-2 ---Turpentine ------\_\_\_ 7440-61-1 \_\_\_ ---Urantum (as U) **200**0 ---Soluble compounds Insoluble compounds 0.6 ------0.2 ---175 50 110-62-3 n-Valeraldehyde . . **-**0.05 Yanadium (as Y205) Respirable dust and fume 1314-62-1 Vegetable oil mist ------10 ---Total dust 5.0 ---Respirable fraction ---20 60 10 30 108-05-1 Vinyl acetate ---------Yinyl benzene (see Styrene) ---20 593-60-2 5.0 Vinyl bromide 75-01-4 Yinyi chloride (see WAC 296-62-07329) ..-Vinyl cyanid (see Acrylonitrile) 10 106-87-6 Vinyl cyclohexene dioxide ---50 240 25013-15-4 Vinyl toluene 75-35-4 1.0 4.0 Yinylidene chloride (1, 1-Oichloroethylene)

TABLE1.34			HITS FOR AIR C c Exposure Lim		ı			
	.,	TWA	<b>\</b>	STE	<u>.</u> <u>c</u> /	CEILI	ING	Skin
Substance	CAS 1/ Number	ppm <u>a</u> /	mg/m³ ₽/	ppm <u>a</u> /	<sup>md</sup> /w³ ₽/	<u>a/</u>	<u>mg/m</u> 3 <u>b</u> /	Desig- nation
YM & P Naphtha	8032-32-4	300	1,350	400	1,800		'	
Warfarin	81-81-2		0.1					
Welding fumes 1/			5.0					
(total particulate)							ě	
Wood dust:	·*							
Nonallergenic; All soft woods and hard								
woods except allergenics			5.0		10			
			*					
Allergenics; (e.g. cedar, mahogany and teak)		<i>:</i> :	2.5					
	1330-20-7	100	435	150	655			
Xylenes(Xylol)	1330 20 .							
(o-, m-, p-isomers)	1477-55-0		<b>\</b>				0.1	X
m-Xylene alpha, alpha-diamine	1300-73-8	2.0	10					X
Xylidine	7440-65-5		1.0					
Yttrium	7646-85-7		1.0		2.0			
Zinc chloride fume	Yaries w/compound		0.05	<b>\</b>			0.1	
Zinc chromate (as CrO <sub>3</sub> )	1314-13-2							
Zinc oxide Total dust	1014-10-1		10					
	•••		5.0		<b>\</b>			
Respirable fraction	1314-13-2		5.0		10			
Zinc oxide fume	557-05-1		***					
Zinc stearate	337 03 1		10 -		\			
Total dust			5.0		\			
Respirable fraction	7440-67-2		5.0		10	<b>\</b>		
Zirconium compounds (as Zr)	, 110 0/-2							

Parts of vapor or gas per million parts of contaminated air by volume at 25°C and 760 mm. Hg. pressure (torr.). Notes:

Approximate milligrams of subtance per cubic meter of air. 10 7 d Duration is for 15 minutes, unless otherwise noted.

The final benzene standard in WAC 296-62-07523 applies to all occupational exposures to benzene except some subsegments of industry where exposures are consistently under the action level (i.e., distribution and sale of fuels, sealed containers and pipelines, coke production, oil and gas drilling and production, natural gas processing, and the percentage exclusion for liquid mixtures).

NT/PEL TABLE1.35

This 8-hour TWA applies to respirable dust as measured by a vertical elutriator cotton dust sampler or equivalent instrument. The time-weighted average applies to the cotton waste processing operations of Macte recycling (sorting, blending, cleaning, and willowing) and garretting. See also WAC 296-62-14533 for Catton dust limits applicable to other sectors.

As determined from breathing-zone air samples.

Total dust formula for Silica (as quartz) is: 30 mg/m³ 

Total dust formula for Silica (as quartz) is: 30 mg/m³ 

Both concentration and percent quartz for the application of this limit are to be determined from the fraction passing a size-selector with the following characteristics:

٦/

ħ/

Aerodynamic blametor (unit density sphere)	Percent passing selector
2	90
2.5	75
3.5	50
5.0	25

containing less than II quartz If II quartz use quartz limit.

The measurements under this note refer to the use of an AEC (now MRC) instrument. The respirable fraction of coal dust is determined with an MRE the figure corresponding to that of 2.4 mg/m $^3$  in the table for coal dust is 4.5 mg/m $^3$ .

The CAS number is for information only. Enforcement is based on the substance name. For an entry covering more than one metal compound measured as the metal, the CAS number for the metal is given -- not CAS numbers for the Notes:

Compliance with the subtilisins PEL is assessed by sampling with a high volume sampler (600-800 liters per minute)

TABLE 2 TRANSITIONAL LIHITS

The transitional limits listed are in effect until December 31, 1992. These limits require the use of engineering controls, where feasible, the additional protection to achieve the more protective limits listed in Table 1 may be achieved using protective control measures as set forth in WAC 296-62-07501(3).

	Р	EL	Cell	table ing tration
Substance	ppm	mg/m³	Pom	mg/m³
Carbon disulfide	10		15	
Carbon monoxide	50	55		
Carbon tetrachloride	5.0		20	
Chloroform (Trichloromethane)	10	50	50	240
Coal dust-respirable (less than 5% S10 <sub>2</sub> )		2.4		
Cobalt metal, dust and fume (as Co)	/	0.1		
Ethylene dichloride	10		15	
Ethylene glycol dinitrate	0.05	0.3	0.2	1.0
Nitrogen dioxide			5.0	9.0
Nitroglycerin	0.05	0.5	0.2	2,0
Perchloroethylene (Tetrachloroethylene)	50		200	
Styrene	100		200	

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

			·		et			
	CAS	TWA		ST	EL"	CE	ILING	Skin Desig-
Substance	Number	ppm*	mg/m3 <sup>W</sup>	ppm"	mg/m3 <sup>W</sup>	bbu <sub>n</sub>	_mg/m3 <sup>w</sup>	nation
Abate, see Temephos								
Acetaldehyde	75-07-0	100	180	150	270			
Acetic acid	64-19-7	10	25					
Acetic anhydride	108-24-7					5.0	20	
Acetone	67-64-1	750	1800	1000	2400			
Acetonitrile	75-05-8	40	70	60	105			
2-Acetylaminofluorene (see WAC 296-62-073)	53-96-3						•••	
Acetylene	74-86-2	Simple	Acobywion					
Acetylene dichloride		31mpte	Asphyxiant					
(see 1,2-Dichloroethylene)								
Acetylene tetrabromide	79-27-6	1.0	14					
Acetylsalicylic acid	50-78-2		5.0					
(Aspirin)								
Acrolein	107-02-8	0.1	0.25	0.3	0.8			
Acrylamide	79-06-1		0.03					X
Acrylic acid	79-10-7	10	30					X
Acrylonitrile	107-13-1				•			
(see WAC 296-62-07341)								
Aldrin	309-00-2		0.25					X
Allyl alcohol	107-18-6	2.0	5.0	4.0	10			< X
Allyl Chloride	107-05-1	1.0	3.0	2.0	6.0			
Allyl glycidyl ether (AGE)	106-92-3	5.0	22	10	44			
Allyl propyl disulfide	2179-59-1	2.0	12	3.0	18			
alpha-Alumina (see Aluminum oxide)	1344-28-1							
Total dust	1344-20-1						•	
Respirable fraction			10 5.0					
Aluminum, metal and		•••	5.0					
oxide (as Al)	7429-90-5							
Total dust	1427 70 3		10			•••		
Respirable fraction			5.0					•••
pyro powders	•••		5.0					
welding fumes f/	•••		5.0					
soluble salts		•••	2.0					
alkyls (NOC)			2.0					
Alundum (see Aluminum oxide)			•••		•••			
4-Aminodiphenyl	92-67 <b>-</b> 1		•					
(see WAC 296-62-073)								
2-Aminoethanol				•-•				
(see Ethanolamine)								
2-Aminopyridine	504-29-0	0.5	2.0		•••			
Amitrole	61-82-5		0.2					
Ammonia	7664-41-7	25	18	35	27			•••
Ammonium chloride, fume	12125-02-9		10		20	•••		
Ammonium sulfamate (Ammate) Total dust	7773-06-0		10		•••			
Respirable fraction	•••		5.0					
n-Amyl acetate	628-63-7	100	525					
sec-Amyl acetate	626-38-0	125	650	•••				
Aniline and homologues	62-53-3	2.0	8.0			•••		X
Anisidine (o, p-isomers)	29191-52-4	0.1	0.5		•••			x
Anitmony and Compounds (as Sb)	7440-36-0		0.5					
ANTU	86-88-4		0.3					
(alpha Naphthyl thiourea)								
Argon	7440-37-1	Simple	Asphyxiant					
Arsenic,	7440-38-2	'	0.2				•••	
Organic compounds (as As)								
Arsenic, Inorganic			0.2					
compounds, (as As)	7440-38-2							
(see WAC 296-62-07347 for								
applications and exclusions)								
Arsine	7784-42-1	0.05	0.2	•••			•••	
Asbestos								
(see WAC 296-62-077 through 62								
Asphalt (Petroleum fumes)	8052-42-4		5.0	•				
Atrazine	1912-24-9		5.0					
Azinphos methyl	86-50-0		0.2					X

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	CAS <sup>₩</sup>	TWA		STEL		CEILI	NG	Skin
Substance	Number	ppm"	mg/m3 <sup>W</sup>	bbu <sub>4</sub>	g/m3 <sup>w</sup>	ppm"mg	<b>y/m3</b> ¥	Desig- nation
Barium, soluble	7440-39-3		0.5			•••		
compounds (as Ba)								
Barium Sulfate	7727-43-7					•••		
Total dust			10.0					
Respirable fraction			5.0					•••
Benomyl	17804-35-2							
Total dust		0.8	10			•••		
Respirable fraction			5.0					
Benzene,	71-43-2	1.0		5.0				
(see WAC 296-62-07523)d/								
Benzidine, (see WAC 296-62-073)	92-87-5		••-	•••				•••
p-Benzoquimone, (see Quinone)								
Benzo(a) pyrene;								
(see Coal tar pitch volatiles)								
Benzoyl peroxide	94-36-0		5.0					
Benzyl chloride	100-44-7	1.0	5.0					•••
Beryllium and beryllium	7440-41-7	0.002		0.005				
compounds (as Be)	7440 41 7	0.002		(30 min.)	•••	0.025		
Biphenyl (see Diphnyl)				(30 mm.)				
Bismuth telluride, Undoped	1304-82-1		•••	***				
Total dust	1504 02 1		10	•••				
Respirable fraction			5.0					
Bismuth telluride, Se-doped	•••		5.0					
Borates, tetra, sodium salts:			J.U			_		
Anhydrous	1330-43-4		1.0	•••				
Decahydrate	1303-96-4		5.0					
Pentahydrate	12179-04-3		1.0	•••				
Boron oxide	1303-86-2			•••				
Total dust			10					
Boron tribromide	10294-33-4			•••				
Boron trifluoride	7637-07-2		•••	•••		1.0	10	
Bromacil	314-40-9	1.0	10	•••		1.0	3.0	
Bromine ·	7726-95-6	0.1	0.7	0.3	2.0	•••		
Bromîne pentafluoride	7789-30-2	0.1	0.7					
Bromochloromethane,			•••	•••				
(see Chlorobromethane)								
Bromoform	15-25-2	0.5	5.0					
Butadiene	106-99-0	10	22			•••		Х
(1,3-butadiene)	.00 // 0	10	22			•••		
Butane	106-97-8	800	1,900	•••				
Butanethiol			1,700					
(see Butyl mercaptan)								
2-Butanone	78-93-3	200	590	300	905			
(Methyl ethyl ketone)	.0 ,3 3	200	390	300	885			
2-Butoxy ethanol	111-76-2	25	120	•				
(Butyl Cellosolve)	2	23	120		•••			X
n-Butyl acetate	123-86-4	150	710	200	950			
sec-Butyl acetate	105-46-4	200	950	200	950		,	
tert-Butyl acetate	540-88-5	200	950	•••				
Butyl acrylate	141-32-2	10	55					
n-Butyl alcohol	71-36-3			•••	•••	50	150	
sec-Butyl alcohol	78-92-2	100	305		•••		150	Х
tert-Butyl alcohol	75-65-0	100	300	150	450	•••		
Butylamine	109-73-9					5.0		
tert-Butyl chromate	1189-85-1			•••			15	X
(see CrO3)					-		0.1	Х
n-Butyl glycidyl ether (BGE)	2426-08-6	25	135					
n-Butyl lactate	138-22-7	5.0	25	•••				
Butyl mercaptan	109-79-5	0.5	1.5				•••	
o-sec-Butylphenol	89-72-5	5.0	30					,
p-tert-Butyl-toluene	98-51-1	10	60	20		***		X
Cadmium oxide fume, (as Cd)	1306-19-0	10	6U 	20	120			
Cadmium dust and salts (as Cd)	7440-43-9		0.05			•••	0.05	
Calcium arsenate	1440-43-9		0.05					
(see WAC 296-62-07347)				•		•••		

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	CAS <sup>u</sup>	TWA		STE	EL <sup>4</sup>	CEILIN	IG	Skin Desig-
Substance	Number	ppm <sup>4</sup>	mg/m3 <sup>6</sup>	ppm"	mg/m3 <sup>W</sup>	ppm <sup>4</sup> mg/	'm3 <sup>¥</sup>	nation
Calcium carbonate	1317-65-3							
Total dust			10					
Respirable fraction			5.0					
Calcium cyanamide	156-62-7		0.5					
Calcium hydroxide	1305-62-0		5.0					
Calcium oxide	1305-78-8		2.0		•••			
Calcium silicate	1344-95-2							
Total dust			10		•••			
Respirable fraction			5.0		•••			
Calcium sulfate	7778-18-9				•••	•••	•••	
Total dust			10					
Respirable fraction			5.0		•••			
Camphor(synthetic)	76-22-2		2.0		•••			
Caprolactam;	105-60-2							
Dust			1.0		3.0			
Vapor		5.0	20	10	40			
Captafol	2425-06-1		0.1					Х
(Difolatan )								
Captan	133-06-2		5.0		•••			
Carbaryl (Sevin )	63-25-2		5.0					
Carbofuran (Furadon )	1563-66-2		0.1					
Carbon black	1333-86-4		3.5					
Carbon dioxide	124-38-9	5,000	9,000	30,00	54,000			
Carbon disulfide	75-15-0	4.0	12	12	36			x
Carbon monoxide	630-08-0	35	40			200 m/	229 m/	
Carbon tetrabromide	558-13-4	0.1	1.4	0.3	4.0			
Carbon tetrachloride	56-23-5	2.0	12.6					
Carbonyl chloride								
(see Phosgene)								
Carbonyl fluoride	353-50-4	2.0	5.0	5.0	15			
Catechol (Pyrocatechol)	120-80-9	5.0	20	•••				х
Cellulose (paper fiber)	9004-34-6			•••		• • •		
Total dust			10					
Respirable fraction			5.0					
Cesium hydroxide	21351-79-1		2.0					
Chlordane	57-74-9		0.5					X
Chlorinated camphene	8001-35-2		0.5		1.0			х
Chlorinated diphenyl oxide	55720-99-5		0.5					
Chlorine	7782-50-5	0.5	1.5	1.0	3.0	1.0	3.0	
Chlorine dioxide	10049-04-4	0.1	0.3	0.3	0.9			
Chlorine trifluoride	7790-91-2					0.1	0.4	
Chloroacetaldehyde	107-20-0					1.0	3.0	
a-Chloroacetophenone	532-21-4	0.05	0.3					
(Phenacyl chloride)								
Chloroacetyl chloride	79-04-9	0.05	0.2					
Chlorobenzene	108-90-7	75	350					
(Monochlorobenzene)								
o-Chlorobenzylidene	2698-41-1					0.05	0.4	X
malononitrile (OCBM)								
Chlorobromomethane	74-97-5	200	1,050					
2-Chloro-1, 3-butadiene								
(see beta-Chloroprene)								
Chlorodifluoromethane	75-45-6	1,000	3,500					
Chlorodiphenyl	53469-21-9		1.0					X
(42% Chlorine) (PCB)								
Chlorodiphenyl	11097-69-1		0.5					X
(54% Chlorine) (PCB)								
1-Chloro-2, 3-epoxypropane,								
(see Epichlorhydrin)								
2-Chloroethanol						·		
(see Ethylene chlorohydrin)								
Chloroethylene								
(see vinyl chloride)								
Chloroform (Trichloromethane)	67-66-3	2.0	9.78					
1-Chloro-1-nitropropane	600-25-9	2.0	10			•		
bis-Chloromethyl ether	542-88-1							
(see WAC 296-62-073)								

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	F	Permissib	le Exposure L	.imits (PEL)	)			
	CAS"	. TWA		Si	reta	CEIL	ING	Skin Desig-
Substance	Number	ppm*	mg/m3 <sup>W</sup>	ppm"	mg/m3 <sup>w</sup>	ppm"n	ng/m3 <sup>w</sup>	nation
Chloromethyl methyl ether (See Methyl carbomethyl ether	107-30-2	•••	•			•		
Chloropentafluoroethane	76-15-3	1 000	( 730					
Chloropicrin	76-06-2	1,000 0.1	6,320 0.7					
beta-Chloroprene	126-99-8	10	35				•••	
o-Chlorostyrene	2039-87-4	50	285	75	428			X 
o-Chlorotoluene	95-49-8	50	250		420			
2-Chloro-6-trichloromethyl	1929-82-4					•••		
pyridine (see Nitrapyrin) Total dust								
Respirable fraction			10					
Chlorpyrifos	2921-88-2		5.0					
<b>a</b> l '.'			0.2					X
(as CrO3)	ries w/compounds		•••				0.1	•••
Chromium, sol, chromic,								
chromous salts (as Cr)	7440-47-3		0.5					
Chromium (VI) compounds			0.05			•••		
(as Cr)			*****					
Chromium Metal and								
insouluble salts	7440-47-3		0.5					
Chromyl chloride	14977-61-8	0.025	0.15					•
Chrysene: (see Coal tar								
pitch volatiles)								
Clopidol	2971-90-6							
Total dust	***	•••	10					*
Respirable fraction Coal Dust (less than 5% SiO2)			5.0					
Respirable fraction		•••	2.0					
Coal dust (greater than or			0.1					
equal to 5% SiO2)				•				
Respirable fraction	(F00( 07 0							
Coal tar pitch volatiles (benzene soluble fraction anthracene, BaP, phenanthrene	65996-93-2		0.2					
acridine, chrysene, pyrene)								
Cobalt, metal fume & dust, (as Co)	7440-48-4		0.05					
Cobalt carbonyl (as Co)	10210-68-1		0.1					
Cobalt hydrocarbonyl (as Co)	16842-03-8		0.1					
Coke oven emissions								
(see WAC 296-62-200)								
Copper fume	7440-50-8		0.1					
(as Cu)								
Dusts and mists (as Cu)			1.0					
Cotton dust (raw) e/			1.0					
Corundum, (see Aluminum oxide)	174 70 7							
Crag herbicide (Sesone) Total dust	136-78-7							
Respirable fraction	•••		10 5.0					
Cresol (all isomers)	1319-77-3	5.0	22					
Crotonal dehyde	123-73-9;	2.0	6.0					, X
,	4170-30-3		0.0					
Crufomate	299-86-5		5.0					
Cumene	98-82-8	50	245			•••		X
Cyanamide	420-04-2		2.0					
	es with Compound		5.0					x
Cyanogen	460-19-5	10	20					
Cyanogen chloride	506-77-4					0.3	0.6	
Cyclohexane Cyclohexanol	110-82-7	300	1,050					
Cyclohexanole	108-93-0 108-94-1	50 25	200					X
Cyclohexanone	110-83-8	25 300	100 1,015					X
Cyclohexylamine	108-91-8	10	40				•••	
Cyclonite (see RDX)	121-82-4		1.5				•••	·
Cyclopentadiene	542-92-7	75	200		•	•		X
Cyclopentane	287-92-3	600	1,720					
Cyhexatin	13121-70-5		5.0					

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TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

		TWA		Si	rel <sup>d</sup>	Cŧ	ILING	Chi-
Substance	CAS <sup>V</sup> Number	ppm"	mg/m3 <sup>™</sup>					Skin Desig-
	wanter.	pp	mg/ms	ppm"	mg/m3 <sup>w</sup>	ррп <sup>*</sup>	_mg/m3 <sup>w</sup>	nation
2,4-D (Dichlorophenoxy- acetic acid)	94-75-7		10					
<pre>DDT (Dichlorodiphenyltri-    chloroethane)</pre>	50-29-3		1.0	•				, x
DDVP, Dichlorvos	62-73-7	0.1	1.0			• • •		
Decaborane	17702-41-9	0.05	0.3	0.15	0.9	•••		X
Demeton Diacetone alcohol	8065-48-3	0.01	0.1					X X
(4-hydroxy-4-methyl-2-penten	123-42-2	50	240					
1, 2-Diaminoethane	+							
(see Ethylenediamine)								
Diazinon	333-41-5		0.1		•			
Diazomethane	334-88-3	0.2	0.4					X
Diborane	19287-45-7	0.1	0.1					
Dibrom , (see Naled) 1, 2-Dibromo-3-chloropropane	0/ 45 7				•			
(see WAC 296-62-07345)	96-12-3			•				
2-N-Dibutylamino ethanol	102-81-8	2.0	14					v
Dibutyl phosphate	107-66-4	1.0	5.0	2.0	10			X 
Dibutyl phthalate Dichloroacetylene	84-74-2		5.0					
o-Dichlorobenzene	7572-29-4					0.1	0.4	
p-Dichlorobenzene	95-50-1 106-46-7	 75				50	300	
3, 3'-Dichlorobenzidine	91-94-1	75	450 	110	675			•
(see WAC 296-62-073)	71 74 1							
Dichlorodifluoromethane	75-71-8	1,000	4,950	••-				
1, 3-Dichloro-5, 5-dimethyl	118-52-5		0.2		0.4			
hydantoin					0.4			•••
1, 1-Dichloroethane	75-34-3	100	400					
1, 2-Dichloroethane	,							
(see Ethylene dichloride) 1, 2-Dichloroethylene	5/0-50 0	200	700					
1, 1-Dichloroethylene	540-59-0	200	790					
(see Vinylidene chloride)								
Dichloroethyl ether	111-44-4	5.0	30	10	60			
Dichlorofluoromethane	75-43-4	10	40					x
Dichloromethane								
(see Methylene chloride)								
1, 1-Dichloro-1-nitroethane 1, 2-Dichloropropane	594-72-9 	2.0	10.	10.				
(see Propylene dichloride)	***							
Dichloropropene	542-75-6	1.0	F 0					
2, 2-Dichloropropionic acid	75-99-0	1.0	5.0 6.0					X
Dichlorotetrafluoroethane	76-14-2	1,000	7,000					
Dichlorvos (DDVP)	62-73-7	0.1	1.0					
Dicrotophos	141-66-2	~	0.25			•		X X
Dicyclopentadiene	77-73-6	5.0	30					^
Dicyclopentadienyl iron Total dust	102-54-5				• • •			
Respirable fraction			10					
Dieldrin	60-57-1		5.0					
Diethanolamine	111-42-2	3.0	0.25 15					X ·
Diethylamine	109-89-7	10	30	25	 75			
2-Diethylaminoethanol	100-37-8	10	50					
Diethylene triamine	111-40-0	1.0	4.0					X
Diethyl ether (see Ethyl ether)				+				X 
Diethyl ketone	96-22-0	200	705					
Diethyl phthalate Difluorodibromomethane	84-66-2	400	5.0					
Diglycidyl ether (DGE)	75-61-6	100	860					
Dihydroxybenzene	2238-07-5	0.1	0.5					
(see Hydroquinone)	-							
Diisobutyl ketone	108-83-8	25	150					
Diisopropylamine	108-18-9	5.0	20			• • •		X
Dimethoxymethane (see Methylal) Dimethyl acetamide	127-10-5	10						
Dimethylamine	127-19-5 124-40-3	10 10	35 18			•		X
	.E4 40-3	10	10					

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

		Permissib	le Exposure Lir	nits (PEL	)			
	CAS	TWA		s	TEL	CEI	LING	Skin Desig-
Substance.	Number .	ppm*	mg/m3 <sup>N</sup>	ppm <sup>4</sup>	mg/m3 <sup>W</sup>	ppm <sup>at</sup>	mg/m3 <sup>M</sup>	nation
4-Dimethylaminoazobenzene (see WAC 296-62-073)	60-11-7							
Dimethylaminobenzene (see Xylidene)				•••				
Dimethylaniline (N, N-Dimethylaniline)	124 (0.7	<b>.</b> .						
Dimethylbenzene (see Xylene)	121-69-7 	5.0	25	10	50			X
Dimethyl-1, 2-dibromo-2, 2-dichloroethyl phosphate (see Naled)	300-76-5		3.0					x
Dimethylformamide	68-12-2	10	30			•••	•••	x
2, 6-Dimethylheptanone (see Diisobutyl ketone)					•••			
1, 1-Dimethylhydrazine	57-14-7	0.5	1.0					X
Dimethyl phthalate Dimethyl sulfate	131-11-3 77-78-1	0.1	5.0					•••
Dinitolmide	148-01-6	0.1	0.5 5.0					Х
(3, 5-Dinitro-o-toluamide)		•••	5.0	•••				
	(alpha)528-29-0; (meta) 99-65-0;	0.15	1.0				•••	X
Dinitro-o-cresol	(para) 100-25-4 534-52-1	•••	0.2					v
Dinitrotoluene	25321-14-6	• • •	1.5					X X
Dioxane (Diethylene dioxide)	123-91-1	25	90	•••				x
Dioxathion	78-34-2		0.2					X
Diphenyl (Biphenyl)	92-52-4	0.2	1.0					
Diphenylamine Diphenylmethane diisocyanate (see Methylene bisphenyl	122-39-4 		10					•••
isocyanate (MDI))	7/500 0/ 0							
Dipropylene glycol methyl ethe Dipropyl ketone	r 34590-94-8 123-19-3	100 50	600 235	150	900	,		X
Diquat	85-00-7		0.5					
Di-sec, Octyl phthalate (Di-2-ethylhexylphthalate)	117-81-7		5.0		10			
Disulfram	97-77-8		2.0					
Disulfoton  2, 6-Di-tert-butyl-p-cresol	298-04-4 128-37-0		0.1					X
Diuron	330-54-1		10 10					
Divinyl benzene	1321-74-0	10	50				•••	
Emery	12415-34-8							
Total dust			10					
Respirable fraction Endosulfan (Thiodan )	115 70 7		5.0					
Endosu(ran (Iniodan )	115-29-7 72-20-8	•	0.1 0.1					X
Epichlorhydrin	106-89-8	2.0	8.0					X X
EPN	2104-64-5		0.5					x
1, 2-Epoxypropane		•••						
(see Propylene oxide) 2, 3-Epoxy-1-propanol (see Glycidol)			***					
Ethane		Simple	Asphyxiant					
Ethanethiol (see Ethyl mercaptan)		'						
Ethanolamine	141-43-5	3.0	8.0	6.0	15			•••
Ethion 2-Ethoxyethanol	563-12-2	 	0.4					X
2-Ethoxyethanot 2-Ethoxyethyl acetate	110-80-5 111-15-9	5.0 5.0	19 27					X
(Cellosolve acetate) Ethyl acetate	141-78-6	400	1,400					X 
Ethyl acrylate	140-88-5	5.0	20	25	100			x
Ethyl alcohol (ethanol)	64-17-5	1,000	1,900					
Ethylamine	75-04-07	10	18		•••			•
Ethyl amyl ketone (5-Methyl-3-hepatone) Ethyl benzene	541-85-5 100-41-4	25	130	125	 E/E			•••
Ethyl bromide	74-96-4	100 200	435 890	125 250	545 1 110			
Ethyl butyl ketone (3-Heptanone)	106-35-4	50	230		1,110			

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	CAS <sup>#</sup>	TWA		STEL		CE	Skin Desig-	
Substance	Number	ppm <sup>af</sup>	_mg/m3 <sup>W</sup>	ppm <sup>a</sup>	mg/m3 <sup>W</sup>	ppm**	_mg/m3 <sup>N</sup>	nation
Ethyl chloride	75-00-3	1,000	2,600					
Ethylene	74-85-1	Simple	Asphyxiant					
Ethylene chlorohydrin	107-07-3					1.0	3.0	×
Ethylenediamine	107-15-3	10	25					x
	106-93-4	0.1		0.5			•••	
• · · · · · · · · · · · · · · · · · · ·	107-06-2	1.0	4.0	2.0	8.0	•••		
Ethylene dichloride		1.0	4.0					
Ethylene glycol	107-21-1					50	125	
Ethylene glycol dinitrate	628-96-6				0.1			X
Ethylene glycol monomethyl ether acetate (Methyl cellosolve acetate)		5.0	24					x
Ethyleneimine (see WAC 296-62-073)	151-56-4						• • • •	x
Ethylene oxide (see WAC 296-62-07353)	75-21-8	1.0	2.0		•••			
Ethyl ether	60-29-7	400	1,200	500	1,500		••-	
Ethyl formate	109-94-4	100	300				•••	
Ethylidine chloride (see 1, 1-Dichloroethane)	•••		•••	•••				
Ethylidene norbornene	16219-75-3					5.0	25	
	75-08-1	0.5	1.0			J.U		
Ethyl mercaptan				•••				
n-Ethylmorpholine	100-74-3	5.0	23					x
Ethyl sec-amyl ketone (5-methyl-3-heptanone)		25	130			***	•••	
Ethyl silicate	78-10-4	10	85		·			
Fenamiphos	22224-92-6		0.1					X
Fensulfothion (Dasanit)	115-90-2		0.1				•••	
Fenthion	55-38-9		0.2				•••	X
Ferbam	14484-64-1							
Total dust	•••		10					
Ferrovanadium dust	12604-58-9		1.0		3.0			
	ries w/compound		2.5		•••			
Fluorine	7782-41-4	0.1	0.2					
Fluorotrichloromethane (see Trichlorofluoro methane)	75-69-4				•••	1,000	5,600	
Fonofos	944-22-9		0.1					x
Formaldehyde (see WAC 296-62-07540)	50-00-0	1.0	•••	2.0	•••	•••	•••	
Formamide	75-12-7	20	30	30	45			
Formic acid	64-18-6	5.0	9.0					
Furfural	98-01-1	2.0	8.0					X
	98-00-0	10	40	15	60			x
Furfuryl alcohol			-	-				·
Gasoline	8006-61-9	300	900	500	1,500			
Germanium tetrahydride	7782-65-2	0.2	0.6					
Glass, fibrous or dust			10	•••				
Gluteraldehyde	111-30-8		•••			0.2	0.8	
Glycerin mist	56-81-5		40		•••			
Total dust			10					
Respirable fraction			5.0					
Glycidol	556-52-5	25	75			•••		
(2, 3-Epoxy-1- propanol)								
Glycol monoethyl ether (see 2-Ethoxyethanol)	•••				•••	•••		
Grain dust (oat, wheat, barley)			10					
Graphite, natural	7782-42-5							
Respirable dust			2.5					
Graphite, Synthetic								
			10		•••			
Total dust					•••			
Respirable fraction			5.0					
Guthion	•••		•••	•••				
(see Azinphosmethyl)								
Gypsum	13397-24-5							
Total dust			10				•••	
Respirable fraction			5.0	•••				
Hafnium	7440-58-6		0.5					
Helium		Simple	Asphyxiant					
Heptachlor	76-44-8	•••	0.5			•••••		" X

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	•	TWA STEL® CEILING						Skin
	CAS	TWA				CE		Desig-
Substance	Number		mg/m3 <sup>¥</sup>	ppm"	mg/m3 <sup>bl</sup>	ppm*	_mg/m3 <sup>¥</sup>	nation
Heptane (n-heptane)	142-82-5	400	1,600	500	2,000			
2-Heptanone,								
(see Methyl n-amyl ketone)								
3-Heptanone	•••							
(see Ethyl butyl ketone)	87-68-3	0.02	0.24					x
Hexachlorobutadiene Hexachlorocyclopentadiene	77-47-4	0.02	0.1					
Hexachloroethane	67-72-1	1.0	10					X
Hexachloronaphthalene	1335-87-1		0.2					X
Hexafluoroacetone	684-16-2	0.1	0.7					X
Hexane								
n-hexane	110-54-3	50	180	4 000	7 (00			
other Isomers	Varies w/compoun		1,800	1,000	3,600			
2-Hexanone	591-78-6	5.0	20					
(Methyl-n-butyl ketone)	108-10-1	50	205	75	300			
Hexone (Methyl isobutyl ketone)	106-10-1	50	203	.,				
sec-Hexyl acetate	108-84-9	50	300					
Hexylene Glycol	107-41-5					25	125	
Hydrazine	302-01-2	0.1	0.1					X
Hydrogen		Simple	Asphyxian		7.77			
Hydrogenated terphenyls	61788-32-7	0.5	5.0			7.0	10	
Hydrogen bromide	10035-10-6					3.0	10 7.0	
Hydrogen chloride	7647-01-0			4.7	5.0	5.0	7.0	X
Hydrogen cyanide	74-90-8			4.7		3.0	2.5	
Hydrogen fluoride	7664-39-3	1.0	1.4					
Hydrogen peroxide	7722-84-1 7783-07-5	0.05	0.2					
Hydrogen selenide (as Se) Hydrogen Sulfide	7783-06-4	10	14	15	21			,
Hydroguinone	123-31-9		2.0			•		
4-Hydroxy-4-methyl-2-pentanon					•••		•••	
(see Diacetone alcohol)								
2-Hydroxypropyl acrylate	999-61-1	0.5	3.0					X
Indene	95-13-6	10	45					
Indium and compounds (as In)	7440-74-6		0.1			0.1	1.0	
Iodine	7553-56-2		40			0.1	1.0	
Iodoform	75-47-8	0.6	10 					
Iron oxide dust and fume (as	Fe) 1309-37-1		5.0					
Total particulate	13463-40-6	0.1	0.8	0.2	1.6			
<pre>Iron pentacarbonyl (as Fe) Iron salts, soluble (as Fe)</pre>	Varies w/compou	_	1.0		•••			
Isoamyl acetate	123-92-2	100	525					
Isoamyl alcohol	123-51-3	100	360	125	450			
(primary and secondary)								
Isobutyl acetate	110-19-0	150	700					
Isobutyl alcohol	78-83-1	50	150		•••			X
Isooctyl alcohol	26952-21-6	50	270			5.0	25	
Isophorone	78-59-1	4.0	23 0.045	0.02		520		X
Isophorone diisocyanate	4098-71-9	0.005 25	105					
Isopropoxyethanol	109-59-1 108-21-4	250	950	310	1,185			
Isopropyl acetate	67-63-0	400	980	500	1,225			
Isopropyl alcohol Isopropylamine	75-31-0	5.0	12	10	24			
N-Isopropylaniline	768-52-5	2.0	10					X
Isopropyl ether	108-20-3	250	1,050					
Isopropyl glycidyl ether (IG		50	240	75	360			
Kaolin								
Total dust			10					
Respirable fraction			5.0	4.5	7.0			
Ketene	463-51-4	0.5	0.9	1.5	3.0			
Lead inorganic (as Pb)	7439-92-1		0.05					
(see WAC 296-62-07521)	7/07 74 0		0.05					
Lead arsenate	3687-31-8		0.05					
(see WAC 296-62-07347)	7758-97-6		0.05					
Lead chromate	1317-65-3		0.05					
Limestone Total dust	1311-03-3		10					
Respirable fraction			5.0	•••				
neaptrante fraction								

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	CAS	TWA :		st	EL <sup>ef</sup>	CE1	LING	Skin Desig-
Substance	Number	ppm"	mg/m3 <sup>w</sup>	ppm <sup>er</sup>	mg/m3 <sup>N</sup>	ppm"	mg/m3 <sup>4</sup>	nation
Lindane	58-89-9		0.5					χ.
Lithium hydride	7580-67-8		0.025					
L.P.G.	68476-85-7	1,000	1,800			•••	•••	
(liquified petroleum gas) .		-	•					
Magnesite	546-93-0							
Total dust			10				·	
Respirable fraction			5.0					
Magnesium oxide fume	1309-48-4							
Total particulate	• • •		10·			•••	•••	
Malathion	121-75-5							
Total dust			10					Х
Maleic anhydride	108-31-6	0.25	1.0			•••	•••	
Manganese and compound (as Mn)	7439-96-5						5.0	
Manganese tetroxide and fume (as Mn)	7439-96-5		1.0		3.0			
Manganese cyclopentadienyl tricarbonyl (as Mn)	12079-65-1		0.1			•••	•••	X
Manganese tetroxide (as Mn) Marble	1317-35-7 1317-65-3		1.0			•••	•••	
Total dust	1317-03-3		10					
Respirable fraction	•••	•••	5.0		•••	•••		
Mercury (aryl and inorganic)	7439-97-6					•••	0.1	X
(as Hg)								
Mercury (organo-alkyl compounds) (as Hg)		•••	0.01		0.03		•••	X
Mercury (vapor) (as Hg)	7439-97-6		0.05					X
Mesityl oxide	141-79-7	15	60	<b>25</b> .	100			
Methacrylic acid	79-41-4	20	70				•••	X
Methane		Simple	Asphyxiant					
Methanethiol (see Methyl mercaptan)			•••			•••		
Methomyl (lannate) Methoxychlor	16752-77-5 72-43-5		2.5				•••	
Total dust			10					
2-Methoxyethanol (Methyl cellosolve)	109-86-4	5.0	16					X
4-Methoxyphenol	150-76-5		5.0					
Methyl acetate	79-20-9	200	610	250	760			
Methyl acetylene (propyne)	74-99-7	1,000	1,650					
Methyl acetylene-propadiene mixture (MAPP)		1,000	1,800	1,250	2,250			
Methyl acrylate	96-33-3	10	35					x
Methylacrylonitrile	126-98-7	1.0	3.0					â
Methylal (Dimethoxy-methane)	109-87-5	1,000	3,100					
Methyl alcohol (methanol)	67-56-1	200	260	250	325			x
Methylamine	74-89-5	10	12					
Methyl amyl alcohol								
(see Methyl isobutyl carbinol)					*			
Methyl n-amyl ketone (2-Heptanone)	110-43-0	50	235	•••		•••	•••	
N-Methyl aniline (see Monomethyl aniline)		•••						
the state of the s	74-83-9	5.0	20					v
Methyl bromide Methyl butyl ketone	74-03-7							Х
(see 2-Hexanone)						-		
Methyl celiosolve (see 2-Methoxyethanol)	109-86-4	5.0	16				•••	Х
Methyl cellosolve acetate (2-Methoxyethyl acetate)	110-49-6	5.0	24					X
Methyl chloride	74-87-3	50	105	100	210			
Methyl chloroform (1, 1, 1-trichlorethane)	71-55-6	350	1,900	450	2,450			
Methyl chloromethyl ether (see WAC 296-62-073)	107-30-2				•			
Methyl 2-cyanoacrylate	137-05-3	2.0	8.0	4.0	16		•••	
Methylcyclohexane	108-87-2	400	1,600					
Methylcyclohexanol	25639-42-3	50	235	·		***	** * * * ***	
• •								,

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

		TWA		S.	STEL		CEILING	
Substance	CAS" Number	ppm*	mg/m3 <sup>M</sup>	ppm <sup>e</sup>	mg/m3 <sup>w</sup>	ppm*	ıg/m3 <sup>™</sup>	Desig- nation
Makhada and abanana	F07 (0 0	50	230	75	345			Χ.
Methylcyclohexanone Methylcyclopentadienyl	583-60-8 12108-13-3	50 	0.2	75	J4J			x ·
manganese tricarbonyl (as Mn)	12100-13-3		0.2					^
Methyl demeton	8022-00-2		0.5					x
Methylene bisphenyl isocyanate	101-68-8		•••			0.02	0.2	
(MDI)								
4, 4'-Methylene bis (2-chloroaniline (MBOCA)) (see WAC 296-62-073)	101-14-4	0.02	0.22	•••	•••	•••		X
Methylene bis (4-cyclohexylisocyanate)	5124-30-1		•••			0.01	0.11	
Methylene chloride	75-09-2	100		500		•••		
4, 4-Methylene dianiline	101-77-9	0.1	0.8			•••	•••	x
Methyl ethyl ketone (MEK)	78-93-3							
(see 2-Butanone)								
Methyl ethyl ketone peroxide (MEKP)	1338-23-4			•••	***	0.2	1.5	
Methyl formate	107-31-3	100	250	150	375			
5-Methyl-3-heptanone			•••					
(see Ethyl amyl ketone)						0.0	0.75	
Methyl hydrazine	60-34-4			•••		0.2	0.35	· Х
(see Monomethyl hydrazine)	7/ - 00 - /-	2.0	10					X
Methyl iodide Methyl isoamyl ketone	74-88-4 110-12-3	2.0 50	240			•••		<u> </u>
Methyl isobutyl carbinol	108-11-2	25	100	40	165		•••	x
Methyl isobutyl ketone								•••
(see Hexone)								
Methyl isocyanate	624-83-9	0.02	0.05					X
Methyl isopropyl ketone	563-80-4	200	705					
Methyl mercaptan	74-93-1	0.5	1.0					
Methyl methacrylate	80-62-6	100	410					
Methyl parathion	298-00-0		0.2		•••			Х
Methyl propyl ketone (see 2-Pentanone)					•••		•••	
Methyl silicate	684-84-5	1.0	6.0	400	 / 05			
alpha-Methyl styrene	98-83-9	50 	240	100	485	0.02	0.2	
Methylene bisphenyl isocyanate (MDI)	101-68-8							
Mevinphos (see Phosdrin)	21097-4/-0		5.0					
Metribuzin	21087-64-9			•••				
Mica (see Silicates) Molybdenum (as Mo)	7439-98-7							
Soluble compounds	1457 70 1		5.0					
Insoluble compounds								
Total dust			10					
Monocrotophos (Azodrin )	6923-22-4		0.25					•••
Monomethyl aniline	100-61-8	0.5	2.0					X
Monomethyl hydrazine						0.2	0.35	
Morpholine	110-91-8	20	70	30	105			X
Naled	300-76-5	100	3.0					X
Naphtha (Coal tar)	8030-30-6 91-20-3	100 10	400 50	15	75			X 
Naphthalene	134-32-7						•••	
alpha -Naphthylamine (see WAC 296-62-073)	91-59-8					•••		
beta-Naphthylamine (see WAC 296-62-073)								
Neon	7440-01-9	Simple	Asphyxian	t				
Nickel carbonyl (as Ni) Nickle, (as Ni)	13463-39-3 7440-02-0	0.001	0.007					
Metal and insoluble compounds			1.0					
Soluble compounds	F/ 44 F		0.1					
Nicotine	54-11-5		0.5					X 
Nitrapyrin (see 2-Chloro-6 trichloromethyl pyridine)	1929-82-4			•••				
Total dust			10 5.0			•		
Respirable fraction Nitric acid	7697-37-2	2.0	5.0	4.0	10	•		
HILLIC GCIU	1071 31-2	£.0	2.0	7.0				

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

		TWA		ST	EL"	r	EILING	ol.:-
Substance	CAS"					C	LILING	Skin Desig-
odos tarice	Number	bbu,	mg/m3 <sup>w</sup>	ppm"	mg/m3 <sup>w</sup>	ppm"	mg/m3 <sup>W</sup>	nation
Nitric oxide	10102-43-9	25	30					
p-Nitroaniline	100-01-6		3.0		•••			
Nitrobenzene	98-95-3	1.0	5.0					X
4-Nitrobiphenyl (see WAC 296-62-073)	92-93-3					•••		X 
p-Nitrochlorobenzene	100 00 5							
4-Nitrodiphenyl	100-00-5		0.5					x
(see WAC 296-62-073)							•••	
Nitroethane	79-24-3	100	310					
Nitrogen	7727-37-9	Simple	Asphyxiant					
Nitrogen dioxide	10102-44-0		nspriya rant	1.0	1.8		•••	
Nitrogen trifluoride	7783-54-2	10	29		1.0		•••	
Nitroglycerin	55-63-0		•••		0.1			
Nitromethane	75-52-5	100	250					X
1-Nitropropane	108-03-2	25 ·	90				•••	
2-Nitropropane N-Nitrosodimethylamine	79-46-9	10	35					
(see WAC 296-62-073)	62-75-9							
Nitrotoluene:								
o-isomer	88-72-2	2.0	44					
m-isomer	98-08-2	2.0	11 11			•		X
p-isomer	99-99-0	2.0	11	•••				X
Nitrotirchloromethane	•••			•••		•••		X
(see Chloropicrin)								
Nitrous Oxide	10024-97-2	30	54					
(Nitrogen oxide)							•••	
Nonane Ostashi ananamhthai	111-84-2	200	1,050				•••	
Octachloronaphthalene Octane	2234-13-1		0.1		0.3		•	X
Oil mist, mineral (particulate)	111-65-9	300	1,450	375	1,800			
Osmium tetroxide (as Os)	8012-95-1 20816-12-0	0.0002	5.0					
Oxalic acid	144-62-7	0.0002	0.002 1.0	0.0006	0.006			
Oxygen difluoride	7783-41-7		1.0		2.0			
Ozone	10028-15-6	0.1	0.2	0.3	0.6	0.05	0.1	
Paraffin wax fume	8002-74-2		2.0		0.0			
Paraquat (Respirable dust)	4685-14-7		0.1			•••	;	
	1910-42-5							X
Parathion	2074-50-2							
Particulate polycyclic	56-38-2 		0.1					x
aromatic hydrocarbons			•••					
(see coal tar pitch volatiles)	)							
Particulates not otherwise			•					
regulated (see WAC 296-62-0751	0)							
Total Dust			10					
Respirable Fraction	•••		5.0			•••		
Pentaborane	19624-22-7	0.005	0.01	0.015	0.03			
Pentachloronaphthalene	1321-64-8		0.5					X
Pentachlorophenol Pentaerythritol	87-86-5		0.5		•		•	x
Total dust	115-77-5	•••	40				/	
Respirable fraction	•••	•••	10					
Pentane	109-66-0	600	5.0 1,800	75.0				
2-Pentanone	107-87-9	200	700	750 250	2,250			
(methyl propyl ketone)				230	875			
Perchloroethylene	127-18-4	25	170					•••
(tetrachloroethylene)			•					
Perchloromethyl mercaptan	594-42-3	0.1	0.8					
Perchloryl fluoride Perlite	7616-94-6	3.0	14	6.0	28			
Total dust							•••	
Respirable fraction			10				•••	
Petroleum distillates		100	5.0			•••		·
(Naptha) (Rubber Solvent)		100	400				•••	
Phenol	108-95-2	5.0	19					
Phenothiazine	92-84-2		5.0		•••			X
p-Phenylene diamine	106-50-3		0,1					X
			•					X

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

		Permissible	Exposure Limi	ts (PEL)				
		TWA		ST	ELª	CEILI	NG	Skin Desig-
Substance	CAS <sup>i</sup> lumber	ppm <sup>4</sup>	mg/m3 <sup>W</sup>	ppm"	mg/m3 <sup>¥</sup>	ppm"mg	g/m3 <sup>₩</sup>	nation
	104 8/ 9	1.0	7.0					
Theny come (tapes)	101-84-8 	1.0 1.0	7.0					
Phenyl ether-diphenyl mixture (vapor)		1.0	,					
Phenyl glycidyl ether (PGE)	122-60-1	1.0	6.0					X
	100-63-0	5.0	20	10	45			2
Phenyl mercaptan	108-98-5	0.5	2.0			0.05	0.25	
i iicii) (piioopii iii	638-21-1		0.05		0.2			· x
11101.010	298-02-2 770/ 7/ 7	0.01	0.05	0.03	0.3			X
Thousand the first tributes of	7786-34-7 75-44-5	0.1	0.4					
	7803-51-2	0.3	0.4	1.0	1.0			
	7664-38-2		1.0		3.0			
	7723-14-0		0.1		·			
Phosphorous oxychloride	10025-87-3	0.1	0.6					
Phosphorus pentachloride	10026-13-8	0.1	1.0		3.0			
Phosphorus pentasulfide	1314-80-3		1.0	0.5	3.0			
rilospilot da ti relitor tee	7719-12-2	0.2	1.5	0.5				
, inclide to a.m., -,	85-44-9	1.0	6.0 5.0					
th-Luciacoannici ice	626-17-5					•••		
Picloram	1918-02-1		10					
Total dust			5.0					
Respirable fraction Picric acid	88-89-1		0.1					x
Pindone (see Pival)	83-26-1		0.1					
(2-Pivalyl-1, 3-indandione)								
Piperazine dihydrochloride	142-64-3		5.0					•••
Pival (see Pindone)								
Plaster of Paris	26499-65-0		40					
Total dust			10 5.0		•••		•••	
Respirable fraction			5.U 					
Platinum (as Pt)	7440-06-4		1.0					
Metal			0.002					
Soluble salts			•••					
Polychlorobiphenyls (see Chlorodiphenyls)								
Portland cement	65997-15-1							
Total dust			10					
Respirable fraction			5.0	•			2.0	
Potassium hydroxide	1310-58-3	4 000	4 900		•••			
Propane	74-98-6	1,000	1,800					x
Propargyl alcohol	107-19-7	1.0	2.0					
beta-Propiolactone	57-57-8						•	
(see WAC 296-62-073)	79-09-4	10	30					
Propionic acid	114-26-1		0.5					
Propoxur (Baygon) n-Propyl acetate	109-60-4	200	840	250	1,050			
n-Propyl alcohol	71-23-8	200	500 .	250	625			Х
n-Propyl nitrate	627-13-4	25	105	40	170			
Propylene		Simple	Asphyxian		 510			
Propylene dichloride	78-87-5	75	350	110	510			
(1, 2-Dichloropropane)	i	0.05	0.7					x
Propylene glycol dinitrate	6423-43-4	0.05	0.3					
Propylene glycol	407.00.3	100	360	150	540			
monomethyl ether	107-98-2	100 2.0	5.0					Χ̈́
Propylene imine	75-55-8 75-56-9	20	50					
Propylene oxide	/2-20-9							
Propyne, (see Methyl acetylene)	8003-34-7		5.0		•••		•••	
Pyrethrum Pyridine	110-86-1	5.0	15					
Pyridine Quinone	106-51-4	0.1	0.4					
RDX (See Cyclonite)			1.5					X 
Resorcinol	108-46-3	10	45	20	90		•••	•
Rhodium (as Rh)	7440-16-6							
Insoluble compounds,			0.4					
Metal fumes and dusts			0.1 0.001		•••			
Soluble compounds, salts			J. 44 .					

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

			•		•			
	CAS*	TWA		s.	TEL <sup>4</sup>	CEI	LING ·	Skin Desig-
Substance	Number	bbu <sub>4</sub>	mg/m3 <sup>W</sup>	ppm <sup>4</sup>	mg/m3 <sup>¥</sup>	ppm"	mg/m3 <sup>N</sup>	nation
Ronnel	299-84-3		10					
Rosin core solder, pyrolysis			0.1					
products (as formaldehyde)			0.,					•••
Rotenone	83-79-4		5.0					
Rouge								
Total dust			10					
Respirable fraction			5.0					
Rubber solvent (naphtha)	8002-05-9	100	400					
Selenium compounds (as Se) Selenium hexafluoride (as Se)	7782-49-2	0.05	0.2					
Sesone (see Crag herbicide)	7783-79-1	0.05	0.2					
Silane (see Silicon								
tetrahydride)								
Silica, amorphous, precipitated and gel	112926-00-8	•••	6.0	•••			****	
Silica, amorphous, diatomaceous	61790-53-2		6.0					
earth, containing less than 1% crystalline silica								
Total dust			6.0					
Respirable fraction			3.0					
Silica, crystalline	14464-46-1		0.05	•••				
cristobalite,			0.05					
respirable dust								
Silica, crystalline quartz, respirable dust	14808-60-7	•••	0.1 g/ h/					
Silica, crystalline	1317-95-9		0.1					
tripoli (as quartz),	13.1 /3 /		0.1					
respirable dust								
Silica, crystalline	15468-32-3		0.05					
tridymite,								
respirable dust								
Silica, fused, respirable dust	60676-86-0		0.1		•	•••		
Silicates (less than								
1% crystalline silica:	12001 2/ 2							
Mica (Respirable dust) Soapstone, Total dust	12001-26-2		3.0			•••		
Soapstone, Respirable dust			6.0 3.0				•••	
Talc (containing asbestos):			3.0					
use asbestos limit (see								
WAC 296-62-07517)								
Talc (containing no	14807-96-6		2.0					
asbestos), Respirable dust								
Tremolite								
(see WAC 296-62-07517) Silicon	7//0 24 7							
Total dust	7440-21-3		40					
Respirable fraction			10 5.0			•		
Silicon Carbide	409-21-2		5.0	•		•••		
Total dust			10					
Respirable fraction			5.0		•••	•••		
Silicon tetrahydride	7803-62-5	5.0	7.0					
Silver, metal dust and soluble	7440-22-4	• • •	0.01					
compounds (as Ag)								
Soapstone (see Silicates)		••-						
Sodium azide	26628-22-8							
(as KN3) (as NaN3)						0.1	0.3	X
Sodium bisulfite	7631-90-5		F 0			0.1	0.3	x
Sodium-2,	7031-90-3	•••	5.0					
4-dichlorophenoxyethyl								
sulfate (see Crag herbicide)								
Sodium fluoroacetate	62-74-8		0.05		0.15			x
Sodium hydroxide	1310-73-2						2.0	2
Sodium metabisulfite	7681-57-4		5.0		•••			
Starch	9005-25-8							
Total dust			10					
Respirable fraction		•••	5.0					

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TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	<b>i</b> i	TWA		STEL		CEILING		Skin Desig-
Substance	CAS <sup>V</sup> Number	ppm"	mg/m3 <sup>w</sup>	ppm*	mg/m3 <sup>w</sup>	ppm <sup>d</sup> mg	/m3 <sup>w</sup>	nation
Stibine	7803-52-3	0.1	0.5		•••			
Stoddard solvent	8052-41-3	100	525	• • •	• • •			
Strychnine	57-24-9		0.15					
Styrene	100-42-5	50	215	100	425			
Subtilisins	9014-01-1				0.00006	,		
					(60 min.)	j/		
Sucrose	57-50-1			• • • •				
Total dust			10	• • •		•••		
Respirable fraction			5.0		<b></b> ,			
Sulfotep (see TEDP)	•••							X
Sulfur dioxide	7446-09-5	2.0	5.0	5.0	13			
Sulfur hexafluoride	2551-62-4	1,000	6,000					
Sulfuric acid	7664-93-9		1.0			•••		
Sulfur monochloride	10025-67-9					1.0	6.0	
Sulfur pentafluoride	5714-22-1				•••	0.01	0.1	
Sulfur tetrafluoride	7783-60-0					0.1	0.4	
Sulfuryl fluoride	2699-79-8	5.0	20	10	40	•••		
Sulprofos	35400-43-2		1.0		• • •			
Systox (see Demeton )						•••		
2, 4, 5-T	93-76-5		10					•••
Talc (see Silicates)	•••							
Tantalum Metal and oxide dusts	7440-25-7		5.0					•••
TEDP (Sulfotep)	3689-24-5		0.2					X
Tellurium and compounds (as Te)	13494-80-9		0.1					
Tellurium hexafluoride (as Te)	7783-80-4	0.02	0.2					
Temephos	3383-96-8	•••			•••			
Total dust			10					
Respirable fraction			5.0			•••		
TEPP	107-49-3	0.004	0.05					X
Terphenyls	26140-60-3					0.5	5.0	
1, 1, 1, 2-Tetrachloro-2, 2-difluoroethane	76-11-0	500	4,170					***
1, 1, 2, 2-Tetrachloro-1, 2-difluoroethane	76-12-0	500	4,170					•
1, 1, 2, 2-Tetrachloroethane	79-34-5	1.0	7.0					X
Tetrachloroethylene (see Perchloroethylene)			•••	•••				

TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

	CAS	TWA		ST	EL4	CEILING		Skin Desig-
Substance	Number	ppm*	mg/m3 <sup>¥</sup>	ppm <sup>4</sup>	mg/π3 <sup>₩</sup>	ppm*'n	ıg∕m3 <sup>¥</sup>	Desig- nation
Tetrachloromethane (see Carbon tetrachloride)								•••
Tetrachloronaphhalene	1335-88-2		2.0					x
Tetraethyl lead (as Pb)	78-00-2		0.075				•	â
Tetrahydrofuan	109-99-9	200	590	250	735			·
Tetramethyl lead (as Pb)	75-74-1		0.075			•••		x
Tetramethyl succinonitrile	3333-52-6	0.5	3.0			•••		â
Tetranitromethane	509-14-8	1.0	8.0					^
Tetrasodium pyrophosphate	7722-88-5		5.0					
Tetryl (2, 4, 6-trinitrophenyl- methylnitramine)	479-45-8		1.5			•••	•••	x
Thallium (soluble compounds) (as Tl)	7440-28-0		0.1	•••				x
<pre>4, 4-Thiobis   (6-tert-butyl-m-cresol)</pre>	96-69-5	•••				•••	•••	
Total dust			10					
Respirable fraction	•••		5.0					
Thioglycolic acid	68-11-1	1.0	4.0					x
Thionyl chloride	7719-09-7					1.0	5.0	^
Thiram (see WAC 296-62-07519)	137-26-8		5.0					
Tin (as Sn) Inorganic compounds (except ox	7440-31-5	••-	2.0					
Tin, Organic compounds (as Sn)	7440-31-5		0.1					u
Tin Oxide (as Sn)	21651-19-4		2.0					X 
Titanium dioxide	13463-67-7		2.0					
Total dust	13403-07-7		10					
Toulene	108-88-3	100	375	150	560			
Toluene-2, 4-diisocyanate (TDI)	584-84-9	0.005	0.04	0.02	0.15			,

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TABLE 1: LIMITS FOR AIR CONTAMINANTS Permissible Exposure Limits (PEL)

		TWA		ST	EL <sup>d</sup>	CEIL	ING	Skin
Substance	CAS <sup>#</sup> Number	ppm <sup>4</sup> mg/m3 <sup>bl</sup>		ppm"	mg/m3 <sup>W</sup>	ppm⁴ m	g/m3 <sup>M</sup>	Desig-
		PP"		ррп		bbum	g/ms	nation
m-Toluidine	108-44-1	2.0	9.0					X
o-Toluidine	95-53-4	2.0	9.0					x
p-Toluidine	106-49-0	2.0	9.0					x
Toxaphene								
(see Chlorinated camphene)								
Tremolite (see Silicates)								
Tributyl phosphate	126- <i>7</i> 3-8	0.2	2.5					
Trichloroacetic acid	76-03-9	1.0	7.0					
1, 2, 4-Trichlorobenzene	120-82-1					5.0	40	
1, 1, 1-Trichloroethane								
(see Methyl chloroform)								
1, 1, 2-Trichloroethane	79-00-5	10	45		• • •			
Trichloroethylene	79-01-6	50	270	200	1,080	•••		
Trichlorofluoromethane	75-69-4					1,000	5,600	
Trichloromethane								
(see Chloroform)								
Trichloronaphthalene	1321-65-9		5.0					X
1, 2, 3-Trichloropropane	96-18-4	10	60				•••	x
1, 1, 2-Trichloro-1, 2,	76-13-1	1,000	7,600	1,250	9,500	•••		
2-trifluoroethane		.,	.,	.,	,,,,,,,			
Tricyclohexyltin hydroxide							•••	
(see Cyhexatin)								
Triethylamine	121-44-8	10	40	15	60			
Trifluorobromomethane	75-63-8	1,000	6,100					•••
Trimellitic anhydride	552-30-7	0.005	0.04	•••				
Trimethylamine	75-50-3	10	24	15	36			•••
Trimethyl benzene	25551-13-7	25	125					
Trimethyl phosphite	121-45-9	2.0	10					
2, 4, 6-Trinitrophenol								
(see Picric acid)								
2, 4, 6-Trinitrophenyl-					•••	•••		
methylnitramine					•			
(see Tetryl)								
2, 4, 6-Trinitrotoluene (TNT)	118-96-7		0.5					
Triorthocresyl phosphate	78-30-8		0.5					X
	603-34-9	•••	0.1			•••		X
Triphenyl amine			5.0					
Triphenyl phosphate	115-86-6		3.0		•••	•••		
Tungsten (as W)	7440-33-7					•••		
Soluble compounds			1.0		3.0	•		
Insoluble compounds			5.0		10	•••		
Turpentine	8006-64-2	100	560			•••		
Uranium (as U)	7440-61-1					•••		
Soluble compounds			0.05			•••		
Insoluble compounds			0.2		0.6			
n-Valeraldehyde	110-62-3	50	175					
Vanadium (as V205)	1314-62-1		0.05				•••	
Respirable dust and fume								
Vegetable oil mist		•					'	
Total dust			10				•••	
Respirable fraction			5.0					
Vinyl acetate	108-05-1	10	30	20	60			
Vinyl benzene (see Styrene)								
Vinyl bromide	593-60-2	5.0	20					
Vinyl chloride	75-01-4	•••	•••					
(see WAC 296-62-07329)								
Vinyl cyanid		•••						
(see Acrylonitrile)								- <b></b>
Vinyl cyclohexene dioxide	106-87-6	10	60			•		v
Vinyl toluene	25013-15-4	50	240	•				X
Vinylidene chloride	75-35-4	1.0	4.0	•••				
(1, 1-Dichloroethylene)	12 32-4	1.0	,7.0					
VM & P Naphtha	8032-32-4	300	1,350	400	1 900			
Warfarin	81-81-2		0.1	400	1,800			
Welding fumes f/	01-01-2	•••	5.0					
(total particulate)			7.0					

	TWA		STEL"		CEILING		Skin Desig-	
Substance	CAS <sup>4</sup> Number	ppm"	mg/m3 <sup>W</sup>	ppm*	mg/m3 <sup>™</sup>	ppm"mg	<b>ı/m3</b> ≌	nation
Wood dust: Nonallergenic;								
All soft woods and hard woods except allergenics			5.0		10			
Allergenics; (e.g. cedar,			2.5					
mahogany and teak)	1330-20-7	100	435	150	655			
Xylenes(Xylol)	1330-20-7	100						
(o-, m-, p-isomers)	1477-55-0						0.1	X
m-Xylene alpha, alpha-diamine	1300-73-8	2.0	10					X
Xylidine	7440-65-5		1.0					
Yttrium	7646-85-7		1.0		2.0			
Zinc chloride fume Zinc chromate (as Cr03)	Varies w/compoun 1314-13-2	nd	0.05				0.1	
Zinc oxide	1214-12.5		10					
Total dust			5.0					
Respirable fraction Zinc oxide fume	1314-13-2 557-05-1		5.0		10			
Zinc stearate	JJ7-0J-1		10					
Total dust			5.0			•		
Respirable fraction Zirconium compounds (as Zr)	7440-67-2		5.0		10			

Parts of vapor or gas per million parts of contaminated air by volume at 25°C and 760 mm. Hg. pressure Notes: a/

Milligrams of substance per cubic meter of air. When a numrical entry for a subtance is in the mg/m³ column and not in the ppm column, then the number in the mg/m³ column is exact. When numerical entries for a **b**/ substance are in both the ppm and mg/m³ columns, then the number in the ppm column is exact and the number in the mg/m<sup>2</sup> column may be rounded off.

Duration is for 15 minutes, unless otherwise noted.

The final benzene standard in WAC 296-62-07523 applies to all occupational exposures to benzene except some sub-segments of industry where exposures are consistently under the action level (i.e., distribution and

sale of fuels, sealed containers and pipelines, coke production, oil and gas drilling and production, natural gas processing, and the percentage exclusion for liquid mixtures).

This 8-hour TWA applies to respirable dust as measured by a vertical elutriator cotton dust sampler or equivalent instrument. The time-weighted average applies to the cotton waste processing operations of waste e/ recycling (sorting, blending, cleaning, and willowing) and garretting. See also WAC 296-62-14533 for cotton dust limits applicable to other sectors.

As determined from breathing-zone air samples. f/

Total dust formula for Silica (as quartz) is: 30 g/ % si02 + 3

Both concentration and percent quartz for the application of this limit are to be determined from the h/ fraction passing a size-selector with the following characteristics:

Aerodynamic diametor (unit_density_sphere)	Percent_passing_selector
2	90
7 E	· 75

3.5

containing less than 1% quartz if 1% quartz, use quartz limit.

The measurements under this note refer to the use of an AEC (now NRC) instrument. The respirable fraction of coal dust is determined with an MRE the figure corresponding to that of 2.4 mg/m3 in the table for coal dust is 4.5 mg/m3.

The CAS number is for information only. Enforcement is based on the substance name. For an entry covering Notes: 1/ more than one metal compound measured as the metal, the CAS number for the metal is given -- not CAS

numbers for the individual compounds. Compliance with the subtilisins PEL is assessed by sampling with a high volume sampler (600-800 liters per

j/ minute) for at least 60 minutes.

Sampling for the carbon monoxide ceiling shall be averaged over 5 minutes but an instantaeious reading over m/ 1500 ppm shall not be exceeded.

HT/PEL TABLE 1.36 TABLE 2 TRANSITIONAL LIMITS

The transitional limits listed are in effect until December 31, 1992. These limits require the use of engineering controls, where feasible, the additional protection to achieve the more protective limits listed in Table 1 may be achieved using protective control measures as set forth in WAC 296-62-07501(3).

	PI	:L	Ceil	table ing itration
Substance		mg/m³	ppm_	_mg/m²
Carbon disulfide	10	•••	15	•••
Carbon monoxide	50	55		
Carbon tetrachloride	5.0	•••	20	
Chloroform (Trichloromethane)	10	50	50	240
Coal dust-respirable (less than 5% SiO2)		2.4	•••	•••
Cobalt metal, dust and fume (as Co)		0.1		
Ethylene dichloride	10	•••	15	
Ethylene glycol dinitrate	0.05	0.3	0.2	1.0
Nitrogen dioxide		•••	5.0	9.0
Nitroglycerin	0.05	0.5	0.2	2.0
Perchloroethylene (Tetrachloroethylene)	50	•••	200	
Styrene	100		200	

AMENDATORY SECTION (Amending Order 92-01, filed 4/1/92, effective 5/5/92)

WAC 296-62-08001 Bloodborne pathogens. (1) Scope and application. This section applies to all occupational exposure to blood or other potentially infectious materials as defined by subsection (2) of this section.

(2) Definitions. For purposes of this section, the following shall apply:

"Blood" means human blood, human blood components, and products made from human blood.

"Bloodborne pathogens" means pathogenic microorganisms that are present in human blood and can cause disease in humans. These pathogens include, but are not limited to, hepatitis B virus (HBV) and human immunodeficiency virus (HIV).

"Clinical laboratory" means a workplace where diagnostic or other screening procedures are performed on blood or other potentially infectious materials.

"Contaminated" means the presence or the reasonably anticipated presence of blood or other potentially infectious materials on an item or surface.

"Contaminated laundry" means laundry which has been soiled with blood or other potentially infectious materials or may contain contaminated sharps.

"Contaminated sharps" means any contaminated object that can penetrate the skin including, but not limited to, needles, scalpels, broken glass, broken capillary tubes, and exposed ends of dental wires.

"Decontamination" means the use of physical or chemical means to remove, inactivate, or destroy bloodborne pathogens on a surface or item to the point where they are no longer capable of transmitting infectious particles and the surface or item is rendered safe for handling, use, or disposal.

"Director" means the director of the Washington state department of labor and industries; the state designee for the Washington state plan.

"Engineering controls" means controls (e.g., sharps disposal containers, self-sheathing needles) that isolate or remove the bloodborne pathogens hazard from the workplace.

"Exposure incident" means a specific eye, mouth, other mucous membrane, nonintact skin, or parenteral contact with blood or other potentially infectious materials that results from the performance of an employee's duties.

"Handwashing facilities" means a facility providing an adequate supply of running potable water, soap and single use towels or hot air drying machines.

"Licensed healthcare professional" is a person whose legally permitted scope of practice allows him or her to independently perform the activities required by subsection (6) of this section, entitled Hepatitis B vaccination and post-exposure evaluation and follow-up.

"HBV" means hepatitis B virus.

"HIV" means human immunodeficiency virus.

"Occupational exposure" means reasonably anticipated skin, eye, mucous membrane, or parenteral contact with blood or other potentially infectious materials that may result from the performance of an employee's duties.

"Other potentially infectious materials" means:

(a) The following human body fluids: Semen, vaginal secretions, cerebrospinal fluid, synovial fluid, pleural fluid, pericardial fluid, peritoneal fluid, amniotic fluid, saliva in dental procedures, any body fluid that is visibly contaminated with blood, and all body fluids in situations where it is difficult or impossible to differentiate between body fluids;

- (b) Any unfixed tissue or organ (other than intact skin) from a human (living or dead); and
- (c) HIV-containing cell or tissue cultures, organ cultures, and HIV- or HBV-containing culture medium or other solutions; and blood, organs, or other tissues from experimental animals infected with HIV or HBV.

"Parenteral" means piercing mucous membranes or the skin barrier through such events as needlesticks, human bites, cuts, and abrasions.

"Personal protective equipment" is specialized clothing or equipment worn by an employee for protection against a hazard. General work clothes (e.g., uniforms, pants, shirts, or blouses) not intended to function as protection against a hazard are not considered to be personal protective equipment.

"Production facility" means a facility engaged in industrial-scale, large-volume or high concentration production of HIV or HBV.

"Regulated waste" means liquid or semi-liquid blood or other potentially infectious materials; contaminated items that would release blood or other potentially infectious materials in a liquid or semi-liquid state if compressed; items that are caked with dried blood or other potentially infectious materials and are capable of releasing these materials during handling; contaminated sharps; and pathological and microbiological wastes containing blood or other potentially infectious materials.

"Research laboratory" means a laboratory producing or using research-laboratory-scale amounts of HIV or HBV. Research laboratories may produce high concentrations of HIV or HBV but not in the volume found in production facilities.

"Source individual" means any individual, living or dead, whose blood or other potentially infectious materials may be a source of occupational exposure to the employee. Examples include, but are not limited to, hospital and clinic patients; clients in institutions for the developmentally disabled; trauma victims; clients of drug and alcohol treatment facilities; residents of hospices and nursing homes; human remains; and individuals who donate or sell blood or blood components.

"Sterilize" means the use of a physical or chemical procedure to destroy all microbial life including highly resistant bacterial endospores.

"Universal precautions" are an approach to infection control. According to the concept of universal precautions, all human blood and certain human body fluids are treated as if known to be infectious for HIV, HBV, and other bloodborne pathogens.

"Work practice controls" means controls that reduce the likelihood of exposure by altering the manner in which a task is performed (e.g., prohibiting recapping of needles by a two-handed technique).

- (3) Exposure control.
- (a) Exposure control plan.
- (i) Each employer having an employee(s) with occupational exposure as defined by subsection (2) of this section shall establish a written exposure control plan designed to eliminate or minimize employee exposure.
- (ii) The exposure control plan shall contain at least the following elements:

- (A) The exposure determination required by (b) of this subsection:
- (B) The schedule and method of implementation for subsection (4) of this section, Methods of compliance; subsection (5) of this section, HIV and HBV research laboratories and production facilities; subsection (6) of this section, Hepatitis B vaccination and post-exposure evaluation and follow-up; subsection (7) of this section, Communication of hazards to employees; and subsection (8) of this section, Recordkeeping; and
- (C) The procedure for the evaluation of circumstances surrounding exposure incidents as required by subsection (6)(c)(i) of this section.
- (iii) Each employer shall ensure that a copy of the exposure control plan is accessible to employees in accordance with WAC 296-62-05209.
- (iv) The exposure control plan shall be reviewed and updated at least annually, and whenever necessary to reflect new or modified tasks and procedures which affect occupational exposure, and to reflect new or revised employee positions with occupational exposure.
- (v) The exposure control plan shall be made available to the director upon request for examination and copying.
  - (b) Exposure determination.
- (i) Each employer who has an employee(s) with occupational exposure as defined by subsection (2) of this section shall prepare an exposure determination. This exposure determination shall contain the following:
- (A) A list of all job classifications in which all employees in those job classifications have occupational exposure;
- (B) A list of job classifications in which some employees have occupational exposure; and
- (C) A list of all tasks and procedures or groups of closely related tasks and procedures in which occupational exposure occurs, and that are preformed by employees in job classifications listed in accordance with the provisions of (b)(i)(B) of this subsection.
- (ii) This exposure determination shall be made without regard to the use of personal protective equipment.
  - (4) Methods of compliance.
- (a) General. Universal precautions shall be observed to prevent contact with blood or other potentially infectious materials. Under circumstances in which differentiation between body fluid types is difficult or impossible, all body fluids shall be considered potentially infectious materials.
  - (b) Engineering and work practice controls.
- (i) Engineering and work practice controls shall be used to eliminate or minimize employee exposure. Where occupational exposure remains after institution of these controls, personal protective equipment shall also be used.
- (ii) Engineering controls shall be examined and maintained or replaced on a regular schedule to ensure their effectiveness.
- (iii) Employers shall provide handwashing facilities which are readily accessible to employees.
- (iv) When provision of handwashing facilities is not feasible, the employer shall provide either an appropriate antiseptic hand cleanser in conjunction with clean cloth/paper towels or antiseptic towelcttes. When antiseptic hand cleansers or towelettes are used, hands shall be washed with soap and running water as soon as feasible.

PROPOSED

- (v) Employers shall ensure that employees wash their hands immediately or as soon as feasible after removal of gloves or other personal protective equipment.
- (vi) Employers shall ensure that employees wash hands and any other skin with soap and water, or flush mucous membranes with water immediately or as soon as feasible following contact of such body areas with blood or other potentially infectious materials.
- (vii) Contaminated needles and other contaminated sharps shall not be bent, recapped, or removed except as noted in (b)(vii)(A) and (B) of this subsection. Shearing or breaking of contaminated needles is prohibited.
- (A) Contaminated needles and other contaminated sharps shall not be <u>bent</u>, recapped or removed unless the employer can demonstrate that no alternative is feasible or that such action is required by a specific medical <u>or dental</u> procedure.
- (B) Such <u>bending</u>, recapping or needle removal must be accomplished through the use of a mechanical device or a one-handed technique.
- (viii) Immediately or as soon as possible after use, contaminated reusable sharps shall be placed in appropriate containers until properly reprocessed. These containers shall be:
  - (A) Puncture resistant:
- (B) Labeled or color-coded in accordance with this standard:
  - (C) Leakproof on the sides and bottom; and
- (D) In accordance with the requirements set forth in (d)(ii)(E) of this subsection for reusable sharps.
- (ix) Eating, drinking, smoking, applying cosmetics, or lip balm, and handling contact lenses are prohibited in work areas where there is a reasonable likelihood of occupational exposure.
- (x) Food and drink shall not be kept in refrigerators, freezers, shelves, cabinets, or on countertops or benchtops where blood or other potentially infectious materials are present.
- (xi) All procedures involving blood or other potentially infectious materials shall be performed in such a manner as to minimize splashing, spraying, spattering, and generation of droplets of these substances.
- (xii) Mouth pipetting/suctioning of blood or other potentially infectious materials is prohibited.
- (xiii) Specimens of blood or other potentially infectious materials shall be placed in a container which prevents leakage during collection, handling, processing, storage, transport, or shipping.
- (A) The container for storage, transport, or shipping shall be labeled or color-coded according to subsection (7)(a)(i) of this section and closed prior to being stored, transported, or shipped. When a facility utilizes universal precautions in the handling of all specimens, the labeling/color-coding of specimens is not necessary provided containers are recognizable as containing specimens. This exemption only applies while such specimens/containers remain within the facility. Labeling or color-coding in accordance with subsection (7)(a)(i) of this section is required when such specimens/containers leave the facility.
- (B) If outside contamination of the primary container occurs, the primary container shall be placed within a second container which prevents leakage during handling,

- processing, storage, transport, or shipping and is labeled or color-coded according to the requirements of this standard.
- (C) If the specimen could puncture the primary container, the primary container shall be placed within a secondary container which is punctured-resistant in addition to the above characteristics.
- (xiv) Equipment which may become contaminated with blood or other potentially infectious materials shall be examined prior to servicing or shipping and shall be decontaminated as necessary, unless the employer can demonstrate that decontamination of such equipment or portions of such equipment is not feasible.
- (A) A readily observable label in accordance with subsection (7)(a)(i)(H) of this section shall be attached to the equipment stating which portions remain contaminated.
- (B) The employer shall ensure that this information is conveyed to all affected employees, the servicing representative, and/or the manufacturer, as appropriate, prior to handling, servicing, or shipping so that appropriate precautions will be taken.
  - (c) Personal protective equipment.
- (i) Provision. When there is occupational exposure, the employer shall provide, at no cost to the employee, appropriate personal protective equipment such as, but not limited to, gloves, gowns, laboratory coats, face shields or masks and eye protection, and mouthpieces, resuscitation bags, pocket masks, or other ventilation devices. Personal protective equipment will be considered "appropriate" only if it does not permit blood or other potentially infectious materials to pass through to or reach the employee's work clothes, street clothes, undergarments, skin, eyes, mouth, or other mucous membranes under normal conditions of use and for the duration of time which the protective equipment will be used.
- (ii) Use. The employer shall ensure that the employee uses appropriate personal protective equipment unless the employer shows that the employee temporarily and briefly declined to use personal protective equipment when, under rare and extraordinary circumstances, it was the employee's professional judgment that in the specific instance its use would have prevented the delivery of health care or public safety services or would have posed an increased hazard to the safety of the worker or the co-worker. When the employee makes this judgment, the circumstances shall be investigated and documented in order to determine whether changes can be instituted to prevent such occurrences in the future.
- (iii) Accessibility. The employer shall ensure that appropriate personal protective equipment in the appropriate sizes is readily accessible at the worksite or is issued to employees. Hypoallergenic gloves, glove liners, powderless gloves, or other similar alternatives shall be readily accessible to those employees who are allergic to the gloves normally provided.
- (iv) Cleaning, laundering, and disposal. The employer shall clean, launder, and dispose of personal protective equipment required by subsections (4) and (5) of this section, at no cost to the employee.
- (v) Repair and replacement. The employer shall repair or replace personal protective equipment as needed to maintain its effectiveness, at no cost to the employee.

- (vi) If a garment(s) is penetrated by blood or other potentially infectious materials, the garment(s) shall be removed immediately or as soon as feasible.
- (vii) All personal protective equipment shall be removed prior to leaving the work area.
- (viii) When personal protective equipment is removed it shall be placed in an appropriately designated area or container for storage, washing, decontamination, or disposal.
- (ix) Gloves. Gloves shall be worn when it can be reasonably anticipated that the employee may have hand contact with blood, other potentially infectious materials, mucous membranes, and nonintact skin; when performing vascular access procedures except as specified in (c)(ix)(D) of this subsection; and when handling or touching contaminated items or surfaces.
- (A) Disposable (single use) gloves such as surgical or examination gloves, shall be replaced as soon as practical when contaminated or as soon as feasible if they are torn, punctured, or when their ability to function as a barrier is compromised.
- (B) Disposable (single use) gloves shall not be washed or decontaminated for re-use.
- (C) Utility gloves may be decontaminated for re-use if the integrity of the glove is not compromised. However, they must be discarded if they are cracked, peeling, torn, punctured, or exhibit other signs of deterioration or when their ability to function as a barrier is compromised.
- (D) If an employer in a volunteer blood donation center judges that routine gloving for all phlebotomies is not necessary then the employer shall:
  - (I) Periodically reevaluate this policy;
- (II) Make gloves available to all employees who wish to use them for phlebotomy;
- (III) Not discourage the use of gloves for phlebotomy; and
- (IV) Require that gloves be used for phlebotomy in the following circumstances:
- —When the employee has cuts, scratches, or other breaks in his or her skin;
- —When the employee judges that hand contamination with blood may occur, for example, when performing phlebotomy on an uncooperative source individual; and
- —When the employee is receiving training in phlebotomy.
- (x) Masks, eye protection, and face shields. Masks in combination with eye protection devices, such as goggles or glasses with solid side shields, or chin-length face shields, shall be worn whenever splashes, spray, spatter, or droplets of blood or other potentially infectious materials may be generated and eye, nose, or mouth contamination can be reasonably anticipated.
- (xi) Gowns, aprons, and other protective body clothing. Appropriate protective clothing such as, but not limited to, gowns, aprons, lab coats, clinic jackets, or similar outer garments shall be worn in occupational exposure situations. The type and characteristics will depend upon the task and degree of exposure anticipated.
- (xii) Surgical caps or hoods and/or shoe covers or boots shall be worn in instances when gross contamination can reasonably be anticipated (e.g., autopsies, orthopaedic surgery).
  - (d) Housekeeping.

- (i) General. Employers shall ensure that the worksite is maintained in a clean and sanitary condition. The employer shall determine and implement an appropriate written schedule for cleaning and method of decontamination based upon the location within the facility, type of surface to be cleaned, type of soil present, and tasks or procedures being performed in the area.
- (ii) All equipment and environmental and working surfaces shall be cleaned and decontaminated after contact with blood or other potentially infectious materials.
- (A) Contaminated work surfaces shall be decontaminated with an appropriate disinfectant after completion of procedures; immediately or as soon as feasible when surfaces are overtly contaminated or after any spill of blood or other potentially infectious materials; and at the end of the workshift if the surface may have become contaminated since the last cleaning.
- (B) Protective coverings, such as plastic wrap, aluminum foil, or imperviously-backed absorbent paper used to cover equipment and environmental surfaces, shall be removed and replaced as soon as feasible when they become overtly contaminated or at the end of the workshift if they may have become contaminated during the shift.
- (C) All bins, pails, cans, and similar receptacles intended for reuse which have a reasonable likelihood for becoming contaminated with blood or other potentially infectious materials shall be inspected and decontaminated on a regularly scheduled basis and cleaned and decontaminated immediately or as soon as feasible upon visible contamination.
- (D) Broken glassware which may be contaminated shall not be picked up directly with the hands. It shall be cleaned up using mechanical means, such as a brush and dust pan, tongs, or forceps.
- (E) Reusable sharps that are contaminated with blood or other potentially infectious materials shall not be stored or processed in a manner that requires employees to reach by hand into the containers where these sharps have been placed.
  - (iii) Regulated waste.
  - (A) Contaminated sharps discarding and containment.
- (I) Contaminated sharps shall be discarded immediately or as soon as feasible in containers that are:
  - --Closable;
  - —Puncture resistant;
  - -Leakproof on sides and bottom; and
- —Labeled or color-coded in accordance with subsection (7)(a)(i) of this section.
  - (II) During use, containers for contaminated sharps shall
- —Easily accessible to personnel and located as close as is feasible to the immediate area where sharps are used or can be reasonably anticipated to be found (e.g., laundries);
  - -Maintained upright throughout use; and
  - -Replaced routinely and not be allowed to overfill.
- (III) When moving containers of contaminated sharps from the area of use, the containers shall be:
- —Closed immediately prior to removal or replacement to prevent spillage or protrusion of contents during handling, storage, transport, or shipping;
- —Placed in a secondary container if leakage is possible. The second container shall be:

- · Closable;
- Constructed to contain all contents and prevent leakage during handling, storage, transport, or shipping; and
- Labeled or color-coded according to subsection (7)(a)(i) of this section.
- (IV) Reusable containers shall not be opened, emptied, or cleaned manually or in any other manner which would expose employees to the risk of percutaneous injury.
  - (B) Other regulated waste containment.
- (I) Regulated waste shall be placed in containers which are:
  - --Closable:
- —Constructed to contain all contents and prevent leakage of fluids during handling, storage, transport, or shipping;
- —Labeled or color-coded in accordance with subsection (7)(a)(i) of this section; and
- —Closed prior to removal to prevent spillage or protrusion of contents during handling, storage, transport, or shipping.
- (II) If outside contamination of the regulated waste container occurs, it shall be placed in a second container. The second container shall be:
  - ---Closable:
- —Constructed to contain all contents and prevent leakage of fluids during handling, storage, transport, or shipping;
- —Labeled or color-coded in accordance with subsection (7)(a)(i) of this section; and
- —Closed prior to removal to prevent spillage or protrusion of contents during handling, storage, transport, or shipping.
- (C) Disposal of all regulated waste shall be in accordance with applicable regulations of the United States, states and territories, and political subdivisions of states and territories.
  - (iv) Laundry.
- (A) Contaminated laundry shall be handled as little as possible with a minimum of agitation.
- (I) Contaminated laundry shall be bagged or containerized at the location where it was used and shall not be sorted or rinsed in the location of use.
- (II) Contaminated laundry shall be placed and transported in bags or containers labeled or color-coded in accordance with subsection (7)(a)(i) of this section. When a facility utilizes universal precautions in the handling of all soiled laundry, alternative labeling or color-coding is sufficient if it permits all employees to recognize the containers as requiring compliance with universal precautions.
- (III) Whenever contaminated laundry is wet and presents a reasonable likelihood of soak-through of or leakage from the bag or container, the laundry shall be placed and transported in bags or containers which prevent soak-through and/or leakage of fluids to the exterior.
- (B) The employer shall ensure that employees who have contact with contaminated laundry wear protective gloves and other appropriate personal protective equipment.
- (C) When a facility ships contaminated laundry off-site to a second facility which does not utilize universal precautions in the handling of all laundry, the facility generating the contaminated laundry must place such laundry

- in bags or containers which are labeled or color-coded in accordance with subsection (7)(a)(i) of this section.
- (5) HIV and HBV research laboratories and production facilities.
- (a) This subsection applies to research laboratories and production facilities engaged in the culture, production, concentration, experimentation, and manipulation of HIV and HBV. It does not apply to clinical or diagnostic laboratories engaged solely in the analysis of blood, tissues, or organs. These requirements apply in addition to the other requirements of the standard.
- (b) Research laboratories and production facilities shall meet the following criteria:
- (i) Standard microbiological practices. All regulated waste shall either be incinerated or decontaminated by a method such as autoclaving known to effectively destroy bloodborne pathogens.
  - (ii) Special practices.
- (A) Laboratory doors shall be kept closed when work involving HIV or HBV is in progress.
- (B) Contaminated materials that are to be decontaminated at a site away from the work area shall be placed in a durable, leakproof, labeled, or color-coded container that is closed before being removed from the work area.
- (C) Access to the work area shall be limited to authorized persons. Written policies and procedures shall be established whereby only persons who have been advised of the potential biohazard, who meet any specific entry requirements, and who comply with all entry and exit procedures shall be allowed to enter the work areas and animal rooms.
- (D) When other potentially infectious materials or infected animals are present in the work area or containment module, a hazard warning sign incorporating the universal biohazard symbol shall be posted on all access doors. The hazard warning sign shall comply with subsection (7)(a)(ii) of this section.
- (E) All activities involving other potentially infectious materials shall be conducted in biological safety cabinets or other physical-containment devices within the containment module. No work with these other potentially infectious materials shall be conducted on the open bench.
- (F) Laboratory coats, gowns, smocks, uniforms, or other appropriate protective clothing shall be used in the work area and animal rooms. Protective clothing shall not be worn outside of the work area and shall be decontaminated before being laundered.
- (G) Special care shall be taken to avoid skin contact with other potentially infectious materials. Gloves shall be worn when handling infected animals and when making hand contact with other potentially infectious materials is unavoidable.
- (H) Before disposal all waste from work areas and from animal rooms shall either be incinerated or decontaminated by a method such as autoclaving known to effectively destroy bloodborne pathogens.
- (I) Vacuum lines shall be protected with liquid disinfectant traps and high-efficiency particulate air (HEPA) filters or filters of equivalent or superior efficiency and which are checked routinely and maintained or replaced as necessary.

- (J) Hypodermic needles and syringes shall be used only for parenteral injection and aspiration of fluids from laboratory animals and diaphragm bottles. Only needle-locking syringes or disposable syringe-needle units (i.e., the needle is integral to the syringe) shall be used for the injection or aspiration of other potentially infectious materials. Extreme caution shall be used when handling needles and syringes. A needle shall not be bent, sheared, replaced in the sheath or guard, or removed from the syringe following use. The needle and syringe shall be promptly placed in a puncture-resistant container and autoclaved or decontaminated before reuse or disposal.
- (K) All spills shall be immediately contained and cleaned up by appropriate professional staff or others properly trained and equipped to work with potentially concentrated infectious materials.
- (L) A spill or accident that results in an exposure incident shall be immediately reported to the laboratory director or other responsible person.
- (M) A biosafety manual shall be prepared or adopted and periodically reviewed and updated at least annually or more often if necessary. Personnel shall be advised of potential hazards, shall be required to read instructions on practices and procedures, and shall be required to follow them.
  - (iii) Containment equipment.
- (A) Certified biological safety cabinets (Class I, II, or III) or other appropriate combinations of personal protection or physical containment devices, such as special protective clothing, respirators, centrifuge safety cups, sealed centrifuge rotors, and containment caging for animals, shall be used for all activities with other potentially infectious materials that pose a threat of exposure to droplets, splashes, spills, or aerosols.
- (B) Biological safety cabinets shall be certified when installed, whenever they are moved and at least annually.
- (c) HIV and HBV research laboratories shall meet the following criteria:
- (i) Each laboratory shall contain a facility for hand washing and an eyewash facility which is readily available within the work area.
- (ii) An autoclave for decontamination of regulated waste shall be available.
- (d) HIV and HBV production facilities shall meet the following criteria:
- (i) The work areas shall be separated from areas that are open to unrestricted traffic flow within the building. Passage through two sets of doors shall be the basic requirement for entry into the work area from access corridors or other contiguous areas. Physical separation of the high-containment work area from access corridors or other areas or activities may also be provided by a double-doored clothes-change room (showers may be included), airlock, or other access facility that requires passing through two sets of doors before entering the work area.
- (ii) The surfaces of doors, walls, floors, and ceilings in the work area shall be water resistant so that they can be easily cleaned. Penetrations in these surfaces shall be sealed or capable of being sealed to facilitate decontamination.
- (iii) Each work area shall contain a sink for washing hands and a readily available eye wash facility. The sink

- shall be foot, elbow, or automatically operated and shall be located near the exit door of the work area.
- (iv) Access doors to the work area or containment module shall be self-closing.
- (v) An autoclave for decontamination of regulated waste shall be available within or as near as possible to the work area.
- (vi) A ducted exhaust-air ventilation system shall be provided. This system shall create directional airflow that draws air into the work area through the entry area. The exhaust air shall not be recirculated to any other area of the building, shall be discharged to the outside, and shall be dispersed away from occupied areas and air intakes. The proper direction of the airflow shall be verified (i.e., into the work area).
- (e) Training requirements. Additional training requirements for employees in HIV and HBV research laboratories and HIV and HBV production facilities are specified in subsection (7)(b)(ix) of this section.
- (6) Hepatitis B vaccination and post-exposure evaluation and follow-up.
  - (a) General.
- (i) The employer shall make available the hepatitis B vaccine and vaccination series to all employees who have occupational exposure, and post-exposure evaluation and follow-up to all employees who have had an exposure incident.
- (ii) The employer shall ensure that all medical evaluations and procedures including the hepatitis B vaccine and vaccination series and post-exposure evaluation and follow-up, including prophylaxis, are:
  - (A) Made available at no cost to the employee;
- (B) Made available to the employee at a reasonable time and place;
- (C) Performed by or under the supervision of a licensed physician or by or under the supervision of another licensed healthcare professional; and
- (D) Provided according to recommendations of the United States Public Health Service current at the time these evaluations and procedures take place, except as specified by this subsection (6).
- (iii) The employer shall ensure that all laboratory tests are conducted by an accredited laboratory at no cost to the employee.
  - (b) Hepatitis B vaccination.
- (i) Hepatitis B vaccination shall be made available after the employee has received the training required in subsection (7)(b)(vii)(I) of this section and within ten working days of initial assignment to all employees who have occupational exposure unless the employee has previously received the complete hepatitis B vaccination series, antibody testing has revealed that the employee is immune, or the vaccine is contraindicated for medical reasons.
- (ii) The employer shall not make participation in a prescreening program a prerequisite for receiving hepatitis B vaccination.
- (iii) If the employee initially declines hepatitis B vaccination but at a later date while still covered under the standard decides to accept the vaccination, the employer shall make available hepatitis B vaccination at that time.
- (iv) The employer shall assure that employees who decline to accept hepatitis B vaccination offered by the

Proposed [ 110 ]

employer sign the statement in WAC 296-62-08050, appendix A.

- (v) If a routine booster dose(s) of hepatitis B vaccine is recommended by the United States Public Health Service at a future date, such booster dose(s) shall be made available in accordance with (a)(ii) of this subsection.
- (c) Post-exposure evaluation and follow-up. Following a report of an exposure incident, the employer shall make immediately available to the exposed employee a confidential medical evaluation and follow-up, including at least the following elements:
- (i) Documentation of the route(s) of exposure, and the circumstances under which the exposure incident occurred;
- (ii) Identification and documentation of the source individual, unless the employer can establish that identification is infeasible or prohibited by state or local law;
- (A) The source individual's blood shall be tested as soon as feasible and after consent is obtained in order to determine HBV and HIV infectivity. If consent is not obtained, the employer shall establish that legally required consent cannot be obtained. When the source individual's consent is not required by law, the source individual's blood, if available, shall be tested and the results documented.
- (B) When the source individual is already known to be infected with HBV or HIV, testing for the source individual's known HBV or HIV status need not be repeated.
- (C) Results of the source individual's testing shall be made available to the exposed employee, and the employee shall be informed of applicable laws and regulations concerning disclosure of the identity and infectious status of the source individual.
- (iii) Collection and testing of blood for HBV and HIV serological status;
- (A) The exposed employee's blood shall be collected as soon as feasible and tested after consent is obtained.
- (B) If the employee consents to baseline blood collection, but does not give consent at that time for HIV serologic testing, the sample shall be preserved for at least ninety days. If, within ninety days of the exposure incident, the employee elects to have the baseline sample tested, such testing shall be done as soon as feasible.
- (iv) Post-exposure prophylaxis, when medically indicated, as recommended by the United States Public Health Service:
  - (v) Counseling; and
  - (vi) Evaluation of reported illnesses.
  - (d) Information provided to the healthcare professional.
- (i) The employer shall ensure that the healthcare professional responsible for the employee's hepatitis B vaccination is provided a copy of this regulation.
- (ii) The employer shall ensure that the healthcare professional evaluating an employee after an exposure incident is provided the following information:
  - (A) A copy of this regulation;
- (B) A description of the exposed employee's duties as they relate to the exposure incident;
- (C) Documentation of the route(s) of exposure and circumstances under which exposure occurred;
- (D) Results of the source individual's blood testing, if available; and

- (E) All medical records relevant to the appropriate treatment of the employee including vaccination status which are the employer's responsibility to maintain.
- (e) Healthcare professional's written opinion. The employer shall obtain and provide the employee with a copy of the evaluating healthcare professional's written opinion within fifteen days of the completion of the evaluation.
- (i) The healthcare professional's written opinion for hepatitis B vaccination shall be limited to whether hepatitis B vaccination is indicated for an employee, and if the employee has received such vaccination.
- (ii) The healthcare professional's written opinion for post-exposure evaluation and follow-up shall be limited to the following information:
- (A) That the employee has been informed of the results of the evaluation; and
- (B) That the employee has been told about any medical conditions resulting from exposure to blood or other potentially infectious materials which require further evaluation or treatment.
- (iii) All other findings or diagnoses shall remain confidential and shall not be included in the written report.
- (f) Medical recordkeeping. Medical records required by this standard shall be maintained in accordance with subsection (8)(a) of this section.
  - (7) Communication of hazards to employees.
  - (a) Labels and signs.
  - (i) Labels.
- (A) Warning labels shall be affixed to containers of regulated waste, refrigerators and freezers containing blood or other potentially infectious material; and other containers used to store, transport or ship blood or other potentially infectious materials, except as provided in (a)(i)(E), (F), and (G) of this subsection.
- (B) Labels required by this section shall include the following legend:



((BIOHAZARD))

- (C) These labels shall be fluorescent orange or orangered or predominantly so, with lettering  $((\Theta F))$  and symbols in a contrasting color.
- (D) Labels ((are required to)) shall be affixed as close as feasible to the container by string, wire, adhesive, or other method that prevents their loss or unintentional removal.
- (E) Red bags or red containers may be substituted for labels.

- (F) Containers of blood, blood components, or blood products that are labeled as to their contents and have been released for transfusion or other clinical use are exempted from the labeling requirements of subsection (7) of this section
- (G) Individual containers of blood or other potentially infectious materials that are placed in a labeled container during storage, transport, shipment or disposal are exempted from the labeling requirement.
- (H) Labels required for contaminated equipment shall be in accordance with this subitem and shall also state which portions of the equipment remain contaminated.
- (I) Regulated waste that has been decontaminated need not be labeled or color-coded.
  - (ii) Signs.
- (A) The employer shall post signs at the entrance to work areas specified in subsection (5) of this section, entitled HIV and HBV research laboratory and production facilities, which shall bear the following legend:



((BIOHAZARD))

(Name of the Infectious Agent)
(Special requirements for entering the area)
(Name, telephone number of the laboratory director or other responsible person.)

- (B) These signs shall be fluorescent orange-red or predominantly so, with lettering ((of)) and symbols in a contrasting color.
  - (b) Information and training.
- (i) Employers shall ensure that all employees with occupational exposure participate in a training program which must be provided at no cost to the employee and during working hours.
  - (ii) Training shall be provided as follows:
- (A) At the time of initial assignment to tasks where occupational exposure may take place;
- (B) Within ninety days after the effective date of the standard; and
  - (C) At least annually thereafter.
- (iii) For employees who have received training on bloodborne pathogens in the year preceding the effective date of the standard, only training with respect to the provisions of the standard which were not included need be provided.
- (iv) Annual training for all employees shall be provided within one year of their previous training.

- (v) Employers shall provide additional training when changes such as modification of tasks or procedures or institution of new tasks or procedures affect the employee's occupational exposure. The additional training may be limited to addressing the new exposures created.
- (vi) Material appropriate in content and vocabulary to educational level, literacy, and language of employees shall be used.
- (vii) The training program shall contain at a minimum the following elements:
- (A) An accessible copy of the regulatory text of this standard and an explanation of its contents;
- (B) A general explanation of the epidemiology and symptoms of bloodborne diseases:
- (C) An explanation of the modes of transmission of bloodborne pathogens;
- (D) An explanation of the employer's exposure control plan and the means by which the employee can obtain a copy of the written plan;
- (E) An explanation of the appropriate methods for recognizing tasks and other activities that may involve exposure to blood and other potentially infectious materials;
- (F) An explanation of the use and limitations of methods that will prevent or reduce exposure including appropriate engineering controls, work practices, and personal protective equipment;
- (G) Information on the types, proper use, location, removal, handling, decontamination and disposal of personal protective equipment;
- (H) An explanation of the basis for selection of personal protective equipment;
- (I) Information on the hepatitis B vaccine, including information on its efficacy, safety, method of administration, the benefits of being vaccinated, and that the vaccine and vaccination will be offered free of charge;
- (J) Information on the appropriate actions to take and persons to contact in an emergency involving blood or other potentially infectious materials;
- (K) An explanation of the procedure to follow if an exposure incident occurs, including the method of reporting the incident and the medical follow-up that will be made available;
- (L) Information on the post-exposure evaluation and follow-up that the employer is required to provide for the employee following an exposure incident;
- (M) An explanation of the signs and labels and/or color coding required by (a) of this subsection; and
- (N) An opportunity for interactive questions and answers with the person conducting the training session.
- (viii) The person conducting the training shall be knowledgeable in the subject matter covered by the elements contained in the training program as it relates to the workplace that the training will address.
- (ix) Additional initial training for employees in HIV and HBV laboratories and production facilities. Employees in HIV or HBV research laboratories and HIV or HBV production facilities shall receive the following initial training in addition to the above training requirements:
- (A) The employer shall assure that employees demonstrate proficiency in standard microbiological practices and techniques and in the practices and operations specific

to the facility before being allowed to work with HIV or HBV.

- (B) The employer shall assure that employees have prior experience in the handling of human pathogens or tissue cultures before working with HIV or HBV.
- (C) The employer shall provide a training program to employees who have no prior experience in handling human pathogens. Initial work activities shall not include the handling of infectious agents. A progression of work activities shall be assigned as techniques are learned and proficiency is developed. The employer shall assure that employees participate in work activities involving infectious agents only after proficiency has been demonstrated.
  - (8) Recordkeeping.
  - (a) Medical records.
- (i) The employer shall establish and maintain an accurate record for each employee with occupational exposure, in accordance with WAC 296-62-052.
  - (ii) This record shall include:
- (A) The name and Social Security number of the employee;
- (B) A copy of the employee's hepatitis B vaccination status including the dates of all the hepatitis B vaccinations and any medical records relative to the employee's ability to receive vaccination as required by subsection (6)(b) of this section:
- (C) A copy of all results of examinations, medical testing, and follow-up procedures as required by subsection (6)(c) of this section;
- (D) The employer's copy of the healthcare professional's written opinion as required by subsection (6)(e) of this section; and
- (E) A copy of the information provided to the healthcare professional as required by subsection (6)(d)(ii)(B), (C), and (D) of this section.
- (iii) Confidentiality. The employer shall ensure that employee medical records required by (a) of this subsection
  - (A) Kept confidential; and
- (B) ((Are)) Not disclosed or reported without the employee's express written consent to any person within or outside the workplace except as required by this section or as may be required by law.
- (iv) The employer shall maintain the records required by subsection (8) of this section for at least the duration of employment plus thirty years in accordance with WAC 296-62-052.
  - (b) Training records.
- (i) Training records shall include the following information:
  - (A) The dates of the training sessions;
  - (B) The contents or a summary of the training sessions;
- (C) The names and qualifications of persons conducting the training; and
- (D) The names and job titles of all persons attending the training sessions.
- (ii) Training records shall be maintained for three years from the date on which the training occurred.
  - (c) Availability.
- (i) The employer shall ensure that all records required to be maintained by this section shall be made available upon request to the director for examination and copying.

- (ii) Employee training records required by this section shall be provided upon request for examination and copying to employees, to employee representatives, <u>and</u> to the director ((in accordance with WAC 296 62 052)).
- (iii) Employee medical records required by this section shall be provided upon request for examination and copying to the subject employee, to anyone having written consent of the subject employee, to the director in accordance with WAC 296-62-052.
  - (d) Transfer of records.
- (i) The employer shall comply with the requirements involving transfer of records set forth in WAC 296-62-052.
- (ii) If the employer ceases to do business and there is no successor employer to receive and retain the records for the prescribed period, the employer shall notify the director, at least three months prior to their disposal and transmit them to the director, if required by the director to do so, within that three-month period.
  - (9) Dates.
- (a) Effective date. The standard shall become effective on May 26, 1992.
- (b) The exposure control plan required by subsection (3)((<del>(b))</del>)) of this section shall be completed on or before June 26, 1992.
- (c) Subsection (7)(b) of this section, entitled Information and training; and subsection (7)(h) of this section, entitled Recordkeeping; shall take effect on or before July 27, 1992.
- (d) Subsection (4)(b) of this section, entitled Engineering and work practice controls; subsection (4)(c) of this section, entitled Personal protective equipment; subsection (4)(d) of this section, entitled Housekeeping; subsection (5) of this section, entitled HIV and HBV research laboratories and production facilities; subsection (6) of this section, entitled Hepatitis B vaccination and post-exposure evaluation and follow-up; and subsection (7)(a) of this section, entitled Labels and signs; shall take effect August 27, 1992.

AMENDATORY SECTION (Amending Order 86-14, filed 1/21/86)

- WAC 296-155-300 Accident prevention signs and tags. (1) General. Signs and symbols required by this section shall be visible at all times when work is being performed, and shall be removed or covered promptly when the hazards no longer exist.
  - (2) Danger signs.
- (a) Danger signs (see Figure E-1) shall be used only where an immediate hazard exists.
- (b) Danger signs shall have red as the predominating color for the upper panel; black outline on the boarders; and a white lower panel for additional sign wording.
  - (3) Caution signs.
- (a) Caution signs (see Figure E-2) shall be used only to warn against potential hazards or to caution against unsafe practices.
- (b) Caution signs shall have yellow as the predominating color; black upper panel and borders; yellow lettering of "caution" on the black panel; and the lower yellow panel for additional sign wording. Black lettering shall be used for additional wording.

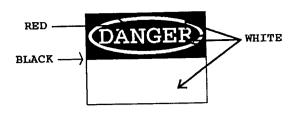


FIGURE E-1

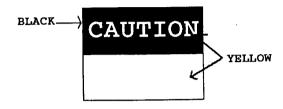


FIGURE E-2

- (4) Exit signs.
- (a) Every exit sign shall have the word "exit" in plainly legible letters not less than 6 inches high, with the principal strokes of letters not less than three-fourths-inch wide.
- (b) Every exit sign shall be distinctive in color and shall provide contrast with decorations, interior finish, or other signs.
- (5) Safety instruction signs. Safety instruction signs, when used, shall be white with green upper panel with white letters to convey the principal message. Any additional wording on the sign shall be black letters on the white background.
- (6) Directional signs. Directional signs, other than automotive traffic signs specified in subsection (7) of this section, shall be white with a black panel and a white directional symbol. Any additional wording on the sign shall be black letters on the white background.
  - (7) Traffic signs.
- (a) Construction areas shall be posted with legible traffic signs at points of hazard.
- (b) All traffic control signs or devices used for protection of construction workers shall conform to and be set up according to American National Standards Institute D6.1-1978, Manual on Uniform Traffic Control Devices for Streets and Highways as amended by the Washington state department of transportation (M24-OT (HT)).
  - (8) Accident prevention tags.
- (a) Accident prevention tags shall be used as a temporary means of warning employees of an existing hazard, such as defective tools, equipment, etc. They shall not be used in place of, or as a substitute for, accident prevention signs.
- (b) Specifications for accident prevention tags similar to those in Table E-1 shall apply.
- (i) Additional rules. American National Standards Institute (ANSI) Z35.1-1972, Specifications for Accident Prevention signs, and Z35.2-1968, Specifications for Accident Prevention Tags, contain rules which are additional to the rules prescribed in this section. The employer shall comply with ANSI Z35.1-1972 and Z35.2-1968 with respect to rules not specifically prescribed in this part.









TABLE E-1

White tag-White letters on red square White tag-White letters on red oval with a black square

Yellow tag-Yellow letters on a black background White tag-White letters on black background

Basic Stock (Background)	Safety Colors (lnk)	Copy Specification (Letters)
White	Red	Do Not Operate
White	Black and Red	Danger
Yellow	Black	Caution
White	Black	Out of Order- Do Not Use

AMENDATORY SECTION (Amending Order 89-03, filed 5/15/89, effective 6/30/89)

#### WAC 296-155-305 Signaling. Flaggers.

- (1) When operations are such that signs, signals, and barricades do not provide the necessary protection on or adjacent to a highway or street, flaggers or other appropriate traffic controls shall be provided.
- (2) Signaling directions by flaggers shall conform to American National Standards Institute D6.1-1978, Manual on Uniform Traffic Control Devices for Streets and Highways, as amended by the Washington state department of transportation. (M24-01 (HT).)
- (3) Hand signaling by flaggers shall be by use of sign paddles at least 18 inches in diameter with series "C" letters at least 6 inches high or lights approved by the transportation commission. When hand signaling is done in periods of darkness, the sign paddles must be reflectorized or illuminated as required by ANSI D6.1-1978, Manual on Uniform Traffic Control Devices. The "stop" side of the paddle shall have a red background with white lettering. When a paddle has a "SLOW" side, the background shall be orange and the lettering black. Colors shall conform to ANSI D6.1 current edition.
- (4) Flaggers shall wear an orange warning garment and a yellow protective helmet while flagging. Warning garments worn at night shall be of reflectorized material. Yellow is specified as the color of helmets; the issue is clearly one of high visibility. Other colors providing equal visibility than the specified yellow will be acceptable. The iridescent or reflectorized hard hats, available in several colors, which provide "high visibility" in both day and night applications, will meet standard specifications.

(5) Each flagger shall ((have in their possession a valid certificate of completion of an approved flagging course)) be trained in accordance with the American National Standards Institute (ANSI) D6.1-1978 manual on uniform traffic control devices as amended by the Washington State Department of Transportation (M 24-01 (HT)) every three vears.

Note:

Personnel that have not completed a flagging course may be assigned duties as flaggers only during emergencies when a sudden, generally unexpected, set of circumstances demands immediate attention.

(6) Each flagger shall have in their possession a valid certificate which verifies completion of the training prescribed in subsection (5) of this section. Each certificate shall contain the date on which training was completed.









TABLE E-1

White tag-White letters on red square

White tag-White letters on red oval with a black square

Yellow tag-Yellow letters on a black background

White tag-White letters on black background

Basic Stock (Background)	Safety Colors (Ink)	Copy Specification (Letters)
White	Red	Do Not Operate
White	Black and Red	Danger
Yellow	Black	Caution
White	Black	Out of Order- Do Not Use

#### WSR 92-19-132 PROPOSED RULES PUBLIC DISCLOSURE COMMISSION

[Filed September 22, 1992, 2:34 p.m.]

Original Notice.

Title of Rule: Commercial advertiser, public inspection of records.

Purpose: Details what records are public at a commercial advertiser.

Statutory Authority for Adoption: RCW 42.17.370. Statute Being Implemented: RCW 42.17.110.

Summary: Describes nature and extend [extent] of records a commercial advertiser must make available for public inspection.

Reasons Supporting Proposal: Recent questions and controversy about commercial advertisers' responsibilities indicate that clarification and guidance is needed.

Name of Agency Personnel Responsible for Drafting: Roselyn Marcus, AG, Olympia, 586-1913; Implementation and Enforcement: Graham Johnson, Public Disclosure Commission, Olympia, 753-1111.

Name of Proponent: Public Disclosure Commission, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The rule describes the nature and extend [extent] of financial and other business records various types of "commercial advertisers" must keep and make available to the public regarding political advertising work they do. The rule will provide guidance to advertisers and to the public so that confrontations between them over what is and isn't to be available for inspection can be avoided.

Proposal does not change existing rules.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: Second Floor Conference Room, Evergreen Plaza Building, 711 Capitol Way, Olympia, WA 98501, on October 27, 1992, at 9 a.m.

Submit Written Comments to: Public Disclosure Commission, P.O. Box 40908, Olympia, WA 98504-0908, by October 15, 1992.

Date of Intended Adoption: October 27, 1992.

September 22, 1992 David R. Clark Assistant Director

#### **NEW SECTION**

WAC 390-18-050 Commercial advertisers; public inspection of records. (1) Pursuant to RCW 42.17.110, any person, without reference to or permission from the Public Disclosure Commission, is entitled to inspect the political advertising records of a commercial advertiser.

- (2) No commercial advertiser shall be required to make available for public inspection information regarding political advertising prior to the time when the advertisement has initially received public distribution or broadcast.
- (3) The documents and books of account which must be maintained open for public inspection pursuant to RCW 42.17.110 (1)(a), (b) and (c) shall at a minimum include the following information:
- (a) The name of the candidate or ballot measure supported or opposed;
- (b) The name and address of the person who sponsored the advertising:
- (c) The total cost of the advertising, how much of that amount has been paid, who made the payment, when it was paid, and how payment was made;
- (d) Date(s) the services of the commercial advertiser was rendered:
- (e) A copy of the finished product or text of the advertisement. Alternatively, for electronic advertisements, the commercial advertiser may make a copy of the advertisement available for listening or viewing;

- (f) RCW 42.17.110 (1)(c) requires the maintenance of records which show the exact nature and extent of services rendered. Sufficient information describing the major work components or tasks which were required to provide the advertising services satisfies this requirement; examples of which include, but are not limited to, the following:
- (i) for printers, newspapers and similar print commercial advertisers: quantity or items, amount of space, item description, design, layout, typesetting, photography, printing, silk screening, bindery;
- (ii) for mailing services: quantity of items mailed, bindery or stuffing, labeling, list or directory services, postage or delivery;
- (iii) for broadcast media: time or number of spot advertisements, copy writing, talent, production, tape reproduction;
- (iv) for billboard or sign companies: number and location of signs, design, printing and art work, erection/removal costs;
- (v) for specialty or novelty commercial advertisers: quantity of items provided, silk screening, design, printing and art work.

## WSR 92-19-133 PROPOSED RULES SUPERINTENDENT OF PUBLIC INSTRUCTION

[Filed September 22, 1992, 3:52 p.m.]

Original Notice.

Title of Rule: Chapter 392-121 WAC, General apportionment—General provisions, reporting requirements and salary allocations.

Purpose: To update general apportionment reporting requirements and salary allocation definitions and procedures.

Statutory Authority for Adoption: RCW 28A.150.290. Statute Being Implemented: RCW 28A.150.260, chapter 16, Laws of 1991 and chapter 232, Laws of 1992.

Summary: Provisions of chapter 392-117 WAC, Timely reporting apply to chapter 392-121 WAC. References to LEAP salary allocation documents are made generic, eliminating specific document number reference. Certain definitions and routine procedures are brought up-to-date.

Name of Agency Personnel Responsible for Drafting: Richard Wilson, Old Capitol Building, Olympia, 753-2298; Implementation: Thomas Case, Old Capitol Building, Olympia, 753-6708; and Enforcement: David Moberly, Old Capitol Building, Olympia, 753-6742.

Name of Proponent: Superintendent of Public Instruction, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: Changes are of a routine nature and are needed to keep chapter 392-121 WAC up-to-date with the biennial Operating Appropriations Act and agency procedures.

Proposal Changes the Following Existing Rules: See Purpose and Summary above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: Old Capitol Building, Wanamaker Conference Room, 2nd Floor, Olympia, WA 98504-7200, on October 30, 1992, at 9:00 a.m.

Submit Written Comments to: Richard M. Wilson, P.O. Box 47200, Olympia, WA 98504-7200, by October 27, 1992. Date of Intended Adoption: November 10, 1992.

September 22, 1992 Judith A. Billings Superintendent of Public Instruction

#### **NEW SECTION**

WAC 392-121-011 General provisions. The following general provisions apply to this chapter:

- (1) Calculations made by the superintendent of public instruction shall use the most current school district information for the school year on file with the superintendent of public instruction at the time of the calculation unless otherwise provided in this chapter or in chapter 392-117 WAC, Timely reporting.
- (2) Full-time equivalent staff shall be rounded to the nearest three decimal places.
- (3) Full-time equivalent enrollment shall be rounded to the nearest two decimal places.
- (4) Ratios of full-time equivalent staff to students shall be expressed as a ratio of staff to one thousand students and shall be rounded to the nearest two decimal places (e.g., 51.21/1000).
- (5) Unless otherwise stated, report forms, staff, salary, and enrollment data references in these rules are report forms, staff, salary, or enrollment data for the school year for which calculations pursuant to this chapter are being made.
- (6) Employee assignments and account codes for program, duty, and activity shall mean the same as defined in the accounting manual for public school districts in the state of Washington and in instructions for personnel reporting provided by the superintendent of public instruction.
- (7) School districts shall have available upon request by the superintendent of public instruction and for audit purposes, such documentation as necessary to support all data reported to the superintendent of public instruction pursuant to this chapter.

AMENDATORY SECTION (Amending Order 88-8, filed 1/11/88)

### WAC 392-121-021 Reporting requirements. ((The reporting requirements of school districts are as follows:

- (1) Each school district shall provide, upon request of the superintendent of public instruction, such data as the superintendent deems appropriate to substantiate the district's entitlement to state basic education apportionment.
- (2) The superintendent of public instruction shall provide each district with necessary report forms and shall advise each district of the due dates established by the superintendent for the return of such completed report forms

to the educational service districts or to the superintendent of public instruction as now or hereafter established by the superintendent of public instruction and published in bulletins of the division of financial services. There shall be no adverse action taken by the superintendent as the result of any late submission of data unless educational service districts and school districts are notified in advance by bulletin of the division of financial services that adverse action in the form of a delay in the apportionment of state funds or otherwise may be taken.

- (3) In the event any district fails to submit data in the form required by the superintendent of public instruction or submits data so that it is received by the educational service district superintendent or the superintendent of public instruction after the close of business on the date now or hereafter established by the superintendent of public instruction, but not later than the close of business on the fifth business day after the date the report is due, the district's then current monthly payment of basic education apportionment funds shall be delayed a minimum of ten calendar days from the first day of the next ensuing month.
- (4) In the event any district submits data so that it is received by the educational service district or the superintendent of public instruction later than the close of business of the fifth business day following the due date established by the superintendent of public instruction pursuant to bulletins of the division of financial services, the district's then current monthly payment of basic education apportionment funds shall be delayed until the next monthly payment date: Provided, That the superintendent of public instruction has a reasonable period of time to edit and process the data submitted according to the monthly apportionment schedule established annually by the superintendent and now or hereafter published in bulletins of the division of financial services.
- (5) In the event a district has extenuating circumstances, the district may deliver required reports directly to the superintendent of public instruction: Provided, That not later than the due date(s) established pursuant to this section, the school district notifies the educational service district superintendent or designee of the extenuating circumstances and the decision to deliver such report to the superintendent of public instruction; such reports are received by the superintendent of public instruction not later than the close of business on the date established by the superintendent of public instruction; and the school district provides the educational service district superintendent with a copy of such report(s) within a reasonable amount of time following the due date.)) The provisions of chapter 392-117 WAC, Timely reporting, apply to allocations made pursuant to this chapter. Failure of a school district to report in the form or by the deadline required by the superintendent of public instruction may result in the reduction or delay of apportionment payments.

AMENDATORY SECTION (Amending Order 88-8, filed 1/11/88)

WAC 392-121-210 Definition—Basic education certificated instructional employee. As used in this chapter, "basic education certificated instructional employee" means a certificated instructional employee assigned in

whole or in part to the following programs as defined in the accounting manual for public school districts in the state of Washington:

- (1) Basic education, program 01;
- (2) ((Secondary)) Vocational ((education)), basic, state, program 31;
  - (3) Skills center, basic, state, program 45;
  - (4) ((General)) Instruction support, program 94; and
- (5) ((General)) <u>District-wide</u> support ((services)), program 97.

#### **NEW SECTION**

WAC 392-121-266 Definition—LEAP salary allocation documents. As used in this chapter, "LEAP salary allocation documents" means the computerized tabulations prepared by the legislative evaluation and accountability program (LEAP) and identified in the state Operating Appropriations Act as part of the formula for determining average salaries for the purpose of allocating state moneys to school districts.

AMENDATORY SECTION (Amending Order 51, filed 1/2/91, effective 2/2/91)

WAC 392-121-270 Placement of certificated instructional staff with degrees on the state-wide salary allocation schedule and on LEAP salary allocation documents ((1 and 1R)). Each certificated instructional employee with a degree shall be placed on the state-wide salary allocation schedule and on LEAP salary allocation documents ((1 and 1R)) based on the employee's years of experience, highest degree level, and total eligible credits as defined in this chapter.

- (1) If an employee holds more than one degree of the same level, additional credits shall be counted after the first degree.
- (2) A certificated instructional employee who holds a valid vocational certificate acquired as the result of industrial experience rather than college training, and who also has earned a college degree which is incidental to or not related to the vocational certificate shall be reported by the school district as holding no degree.
- (3) For placement on the state-wide salary allocation schedule and on LEAP salary allocation documents ((1 and 1R)), years of experience and total eligible credits shall be rounded to the nearest whole number. One-half year or credit shall be rounded to the next highest year or credit.
- (4) Effective for the 1992-93 school year and thereafter, an employee whose highest degree is a bachelor's degree, whose total eligible credits are ninety or greater, and whose total eligible credits earned prior to January 1, 1992, were less than one hundred thirty-five shall be placed on the BA + 90 column of the state-wide salary allocation table and LEAP salary allocation documents ((1 and 1R)).

AMENDATORY SECTION (Amending Order 51, filed 1/2/91, effective 2/2/91)

WAC 392-121-272 Placement of nondegree certificated instructional personnel on the state-wide salary allocation schedule and on LEAP salary allocation documents ((1-and-1R)). Certificated employees without

college degrees shall be placed on the state-wide salary allocation schedule and on LEAP salary allocation documents ((1-and 1R)) as follows:

- (1) Persons holding a valid initial or provisional certificate as a school nurse, a life teaching certificate, or a valid certificate as a special elementary or secondary consultant, or special crafts teacher shall be placed on the BA column.
- (2) For certificated instructional employees having no degree of bachelor's level or higher, no credits earned beyond degree may be reported except as provided in subsections (3) and (4) of this section.
- (3) Persons holding a valid continuing or standard school nurse certificate shall be placed on the BA + 30 credits column.
- (4) Persons holding valid vocational certificates as provided for in chapter 180-77 WAC shall be placed on the state-wide salary allocation schedule and on LEAP salary allocation documents ((1 and 1R)) as follows:
- (a) Persons meeting the minimum certification requirements shall be placed on the BA column; and
- (b) Additional quarter credit hours earned shall be recognized on the basis of one quarter hour for each ten clock hours of approved teacher training and/or one quarter hour for each 100 clock hours of occupational experience as defined in chapter 180-77 WAC each earned after meeting the minimal vocational certification requirements. Persons reaching the BA + 135 credits column with this process shall be placed on the MA column.
- (5) Years of experience and quarter credit hours shall be rounded to the nearest whole number. One-half year or credit shall be rounded to the next highest year or credit.

AMENDATORY SECTION (Amending Order 51, filed 1/2/91, effective 2/2/91)

WAC 392-121-280 Placement on state-wide salary allocation schedule and on LEAP salary allocation documents ((1-and-1R))—Documentation required. School districts shall have documentation on file and available for review which substantiates each certificated employee's placement on the state-wide salary allocation schedule and on LEAP salary allocation documents ((1-and

- (1) Districts shall document the date of awarding or conferring of the highest degree. Documentation shall include the date upon which the degree was awarded or conferred as recorded on the diploma or official transcript: Provided, That if the degree was awarded by an institution which does not confer degrees after each term, and all degree requirements were completed at a time other than the date recorded on the diploma or transcript, an official notarized statement from the institution verifying a prior completion date shall be adequate documentation.
- (2) Districts shall document academic credits by having on file an official transcript or letter from the institution granting the credits.
- (3) Districts shall document in-service credits by having on file a document meeting standards established in WAC 180-85-107 (1) through (3).
- (4) Districts shall document years of experience that are eligible for application on the state-wide salary allocation

schedule and on LEAP salary allocation documents ((1 and 1R)). Documentation for years of experience shall be on letters or any other documents that provide evidence of employment including dates of employment.

AMENDATORY SECTION (Amending Order 51, filed 1/2/91, effective 2/2/91)

WAC 392-121-295 Definition—District average staff mix factor for basic education certificated instructional staff. As used in this chapter, "district average staff mix factor for basic education certificated instructional staff" means the number rounded to five decimal places determined as follows:

- (1) Assign a staff mix factor to each basic education certificated instructional employee by placing the employee on the appropriate LEAP salary allocation document ((1-or <del>1R</del>)) pursuant to WAC 392-121-270 or 392-121-272;
- (2) Multiply the result by the full-time equivalency for the time each employee meets the definition of full-time equivalent basic education certificated instructional employee pursuant to WAC 392-121-215;
- (3) Sum the results obtained in subsection (2) of this section for all basic education certificated instructional employees of the school district; and
- (4) Divide the result by the district's total full-time equivalent basic education certificated instructional staff.
- (5) For the purpose of this section basic education certificated instructional staff are those employed by the school district as of October 1 of the school year as reported to the superintendent of public instruction on Form S-275.

#### **APPORTIONMENT**

AMENDATORY SECTION (Amending Order 18, filed 7/19/90, effective 8/19/90)

WAC 392-121-400 ((Payment)) Apportionment of basic education ((allocation funds)) moneys. From the basic education ((allocation funds)) moneys appropriated to the superintendent of public instruction, the superintendent shall ((make)) allocate moneys as follows:

(1) Allocations shall be made pursuant to chapter 28A.150 RCW, the state Operating Appropriations Act, and this chapter.

- (2) Allocations shall be made in twelve monthly payments during ((each)) the school year pursuant to RCW 28A.510.250 to each school district operating a program approved by the state board of education((: Provided, That each school district submits data in a timely manner as requested by the superintendent of public instruction)).
- (a) Initial monthly payments shall be based on estimates of such data as the superintendent of public instruction deems necessary to commence payment for the school year, such estimates to be submitted by school districts to the educational service districts or superintendent of public instruction on forms provided by the superintendent of public instruction. The latest date on which a school district may make changes in these data shall be the date on which the school district files its budget with the educational service district.
- (b) As the school year progresses, monthly payments to school districts shall be adjusted to reflect actual full-time

equivalent students enrolled, district average basic education certificated instructional staff salary per placement on the state-wide salary allocation schedule, other school district characteristics, deductible revenues and such other data as are deemed necessary by the superintendent and reported by school districts and other governmental agencies on forms provided or approved by the superintendent of public instruction. ((The superintendent of public instruction annually shall advise each school district and educational service district of the dates on which data are required to be submitted to educational service districts or the superintendent of public instruction and dates on which payments will be made to school districts.))

#### **REPEALER**

The following sections of the Washington Administrative Code are repealed:

WAC 392-121-268 Definition—LEAP Document 12.

WAC 392-121-269 Definition—LEAP Document

1R

WAC 392-121-405 Termination of an interdistrict

cooperative agreement.

### WSR 92-19-137 PROPOSED RULES UTILITIES AND TRANSPORTATION COMMISSION

[Filed September 22, 1992, 4:44 p.m.]

Continuance of WSR 92-19-087.

Title of Rule: Amending WAC 480-09-300 and 480-09-310, and adopting WAC 480-09-335, relating to establishing prefiling rules for solid waste companies seeking an increase in rates and substituting the term periodic rate adjustment proceedings for the term energy cost adjustment proceedings. The proposed amendatory sections were shown as Appendix A, Docket No. TG-920486.

Purpose: The proposed rule will improve the quality of solid waste rate filings at the commission. It will formally include solid waste general rate increases as a type of public service company filing requiring concurrent documentation; address what constitutes a general rate increase and clarify those filings not classified a general rate increase; outline in detail the necessary accounting information that must be submitted with a request for a rate increase; and substitute periodic rate adjustments for energy cost adjustment proceedings.

Statutory Authority for Adoption: RCW 80.01.040.
Statute Being Implemented: RCW 81.77.070, 81.77.160, and 81.04.130.

Summary: See Purpose above.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Paul Curl, Secretary, 1300 South Evergreen Park Drive S.W., Olympia, WA 98503 [98504], (206) 753-6461.

Name of Proponent: Washington Utilities and Transportation Commission, governmental.

Agency Comments or Recommendations, if any, as to Statutory Language, Implementation, Enforcement, and Fiscal Matters: There are no comments or recommendations being submitted inasmuch as the proposal is pursuant to legislative authorization as reflected in RCW 80.01.040.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: See Purpose above.

Proposal Changes the Following Existing Rules: The proposal amends WAC 480-09-300 by adding a reference to new section WAC 480-09-335 and by adding solid waste collection companies to those listed. The proposal amends WAC 480-09-310 by adding a reference to WAC 480-09-335, by including companies regulated under chapter 81.77 RCW, by deleting a reference to energy cost adjustment proceedings, by adding a reference to periodic rate adjustments for electric utilities and by defining which solid waste filings are not considered general rate increases.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

This proposal pertains to less than 10 percent of the businesses within the pertinent standard industrial code, and imposes no economic burden.

Hearing Location: Commission Hearing Room, Second Floor, Chandler Plaza Building, 1300 South Evergreen Park Drive S.W., Olympia, WA 98504, on November 4, 1992, at 9:00 a.m.

Submit Written Comments to: Paul Curl, P.O. Box 47250, Olympia, WA 98504-7250, by October 16, 1992.

Date of Intended Adoption: November 4, 1992.

September 22, 1992 Paul Curl Secretary

## WSR 92-19-138 PROPOSED RULES UTILITIES AND TRANSPORTATION COMMISSION

[Filed September 22, 1992, 4:45 p.m.]

Original Notice.

Title of Rule: WAC 480-70-120 relating to eliminating the requirement that solid waste applications be notarized. The proposed amendatory section is shown below as Appendix A, Docket No. TG-920686.

Purpose: To eliminate the requirement that solid waste applications be sworn to before a notary public.

Statutory Authority for Adoption: RCW 80.01.040.

Summary: See Title of Rule above.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Paul Curl, Secretary, 1300 South Evergreen Park Drive S.W., Olympia, WA 98504, (206) 753-6451.

Name of Proponent: Washington Utilities and Transportation Commission, governmental.

Agency Comments or Recommendations, if any, as to Statutory Language, Implementation, Enforcement, and Fiscal Matters: There are no comments or recommendations

being submitted inasmuch as the proposal is pursuant to legislative authorization as reflected in RCW 80.01.040.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: See Purpose above.

Proposal Changes the Following Existing Rules: Eliminates requirement that solid waste applications be sworn to before a notary public.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: Commission Hearing Room, Second Floor, Chandler Plaza Building, 1300 South Evergreen Park Drive S.W., Olympia, WA 98504, on November 4, 1992, at 9:00 a.m.

Submit Written Comments to: Paul Curl, P.O. Box 47250, Olympia, WA 98504-7250, by October 14, 1992.

Date of Intended Adoption: November 4, 1992.

September 22, 1992 Paul Curl Secretary

AMENDATORY SECTION (Amending Order R-240, Cause No. TG-1903, filed 9/25/85)

WAC 480-70-120 Certificates, application for. Applications for certificates, extension of service, line, route, or territory under certificates, shall be typewritten, on forms to be furnished by the commission, giving all information therein requested((, sworn to before a notary public)) and accompanied by the applicable fee. Such applications must specifically and fully describe the line, route, or territory by reference to specific known and ascertainable streets, avenue, roads, or highways or boundaries, or by metes and bounds. In addition, such applications must have attached thereto a map specifically delineating the line, route, or territory for which application to serve is made. Where such line, route, or territory is not specifically described as required in this rule, the commission may defer consideration of the application until this rule is complied with, or, in its discretion, may reject the application. Applications for authority to provide service under a contract with the United States of America or any agency thereof shall be accompanied by a certified copy of the fully executed contract. Such contract authority will be issued without hearing for a period coextensive with the duration of the contract subject to compliance by the applicant with all other applicable requirements of chapter 81.77 RCW and chapter 480-70 WAC.

## WSR 92-19-140 PROPOSED RULES OFFICE OF INSURANCE COMMISSIONER

[Filed September 23, 1992, 11:20 a.m.]

Original Notice.

Title of Rule: Requirement to file annual statement—Form of annual statement—Requirement to file quarterly statements—Authority to require filing of monthly financial statements—Statutory accounting practices required.

Purpose: Define the form and accounting method for annual statements. Provide for more timely reporting of financial information by requiring the filing of quarterly financial statements. Provide for intensive monitoring of financial condition in cases identified by the commissioner as evidencing financial weakness by requiring the filing of monthly financial reports.

Other Identifying Information: Insurance Commissioner Matter No. R 92-19.

Statutory Authority for Adoption: RCW 48.02.060 (3)(a) and 48.46.200.

Statute Being Implemented: RCW 48.46.080.

Summary: This rule specifies the form to be used for required annual financial statement filing. This rule also requires the filing of quarterly financial reports and specifies the form to be used for quarterly reports. This rule authorizes the commissioner to require filing of monthly financial reports where there appears to be a need to more closely monitor financial condition.

Reasons Supporting Proposal: RCW 48.46.080 requires the commissioner to designate the form to be used for annual statements. Currently, financial information is received by the commissioner a minimum of four months after the end of the reporting year. The dynamics of the economic and financial markets require more current reporting in order to provide meaningful monitoring of solvency. Quarterly, or monthly if necessary, financial reporting will allow the commissioner, on a more timely basis, to work with health maintenance organizations to address and resolve factors which could potentially lead to insolvency.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: James T. Odiorne, Insurance Building, Olympia, Washington, (206) 586-5590.

Name of Proponent: Dick Marquardt, Insurance Commissioner, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: This rule designates the form of annual financial statement to be used by health maintenance organizations. The rule requires the use of statutory accounting practices and requires that the annual statement be supplemented with audited financial statements prepared according to statutory accounting practices. Quarterly financial reports prepared according to statutory accounting practices and reported on NAIC defined forms are required by this rule for calendar quarters ending on and after March 31, 1993. This rule also authorizes the commissioner to require the filing of monthly financial reports when there is an indication of financial weakness. The purposes of this rule are to provide uniformity in financial information reporting by health maintenance organizations, accumulate more timely financial information on health maintenance organizations, provide more timely monitoring of the financial condition of health maintenance organizations, and with more timely information work with health maintenance organizations to bolster weakening financial status at a time when there is a chance of survival rather than resolving financial weakness through receivership. It is anticipated that this rule will result in more timely, uniform reporting of the financial conditions of health maintenance organizations. Improved reporting of financial condition will allow the commissioner to intervene earlier in attempts to bolster financially troubled companies, lessening the need to rely on receivership with its attendant costs, lessening the need to allocate subscribers to other health maintenance organizations, and providing the public with a more stable health maintenance industry.

Proposal does not change existing rules.

Small Business Economic Impact Statement: All health maintenance organizations are currently required to file annual financial statements. Most currently report on forms approved by the NAIC. The rule requirement to use NAIC approved forms merely codifies current practice and will have no economic impact. The rule requires the health maintenance organization to supplement its annual financial statement with an independent audit report prepared according to statutory accounting practices. Most health maintenance organizations currently, for their internal purposes, engage an independent auditor to certify the health maintenance organization's financial statements prepared on a GAAP basis. It is anticipated that preparing certified financial statements on the basis of statutory accounting practices rather than on GAAP basis should not significantly increase costs. Implementation of the audit requirement is delayed until the filing of annual statements for years ended on and after December 31, 1993, in an effort to allow health maintenance organizations to negotiate timing and costs of audits with their independent auditors. There will be some additional cost to health maintenance organizations for completing quarterly financial statements. Since all health maintenance organizations currently prepare internal financial statements on a monthly basis, it is anticipated that transferring monthly financial information to the NAIC form on a quarterly basis will not significantly increase costs. The cost of compliance with this rule is not easily identified, and is not meaningfully measured by cost per employee, cost per hour of labor, or cost per hundred dollars of sales. Any cost of compliance incurred by large or small health maintenance organizations should be offset by the benefits to the public of closer, more timely monitoring of financial condition of health maintenance organizations.

Hearing Location: John A. Cherberg Building, Hearing Room #1, State Capitol Campus, 14th and Water Streets, Olympia, Washington, on October 27, 1992, at 10:00 a.m.

Submit Written Comments to: Insurance Commissioner, Insurance Building, P.O. Box 40255, Olympia, WA 98504-0255, by October 27, 1992.

Date of Intended Adoption: October 30, 1992.

September 22, 1992
Dick Marquardt
Insurance Commissioner
by Allen Morrow
Deputy Insurance Commissioner

#### **NEW SECTION**

WAC 284-46-060 Requirement to file annual statement—Form of annual statement—Requirement to file quarterly statements—Authority to require filing of monthly financial statements—Statutory accounting practices required. (1) Every health maintenance organization shall annually, within one hundred twenty days of the closing date of its fiscal year, file with the commissioner a statement, prepared according to statutory

accounting practices, verified by at least two of the principal officers of the health maintenance organization showing its financial condition as of the closing date of its fiscal year. For the purposes of this section only, fiscal year shall mean that period from and including January 1 of each year, to and including December 31 of that same calendar year.

(2) The form of such annual statement shall be in the current form and content as approved by the National Association of Insurance Commissioners for health maintenance organizations and, for years ending after December 31, 1992, supplemented with an audited financial statement prepared according to statutory accounting practices for the year reported in the annual statement, and additional information required by this chapter and by the commissioner. The statement, completed in black ink or typewritten, shall be filed in duplicate, each of which shall be verified by the oaths and original signatures of at least two of the health maintenance organization's principal officers, and notarized. The annual statement shall be accompanied by an additional data statement form IC-14-HMO.

(3)(a) Every health maintenance organization shall file quarterly reports of its financial condition with the commissioner. Such reports shall be filed in the commissioner's office not later than the forty-fifth day after the end of each of the health maintenance organization's calendar quarters. Such quarterly reports shall be prepared on the same statutory accounting basis as the annual statements required in subsections (1) and (2) of this section. and shall be in the form and content as approved by the National Association of Insurance Commissioners for quarterly reporting by health maintenance organizations, and as supplemented for additional information required by this chapter and by the commissioner. The statement, completed in black ink or typewritten, shall be filed in duplicate, each of which shall be verified by the oaths and original signatures of at least two of the health maintenance organization's principal officers, and notarized.

- (b) The first such quarterly report shall be due for the calendar quarter ending March 31, 1993.
- (c) Quarterly reports for the fourth quarter of each year may be omitted, if and only if, the annual financial statement with a year ended as of the same date as the omitted fourth quarter report is filed with the commissioner on or before the filing due date of the fourth quarter report.
- (4) The commissioner may require, as a part of any investigation by the commissioner, any health maintenance organization to file monthly financial reports whenever, in the commissioner's discretion, there is a need to more closely monitor the financial activities of the health maintenance organization. Monthly financial reports shall be filed in the commissioner's office no later than the twenty-fifth day of the month following the month for which the financial report is being filed. Such monthly financial reports shall be the internal financial statements of the company, accompanied by a schedule converting the financial statements to reflect financial position according to statutory accounting practices and submitted in a form using the same format and designations as quarterly financial reports of health maintenance organizations.

## WSR 92-19-141 PROPOSED RULES OFFICE OF INSURANCE COMMISSIONER

[Filed September 23, 1992, 11:22 a.m.]

Original Notice.

Title of Rule: Requirement to file annual statement—Form of annual statement—Requirement to file quarterly statements—Authority to require filing of monthly financial statements—Statutory accounting practices required.

Purpose: Define the form and accounting method for annual statements. Provide for more timely reporting of financial information by requiring the filing of quarterly financial statements. Provide for intensive monitoring of financial condition in cases identified by the commissioner as evidencing financial weakness by requiring the filing of monthly financial reports.

Other Identifying Information: Insurance Commissioner Matter No. R 92-20.

Statutory Authority for Adoption: RCW 48.02.060 (3)(a) and 48.44.050.

Statute Being Implemented: RCW 48.44.095.

Summary: This rule specifies the form to be used for required annual financial statement filing. This rule also requires the filing of quarterly financial reports and specifies the form to be used for quarterly reports. This rule authorizes the commissioner to require filing of monthly financial reports when there appears to be a need to more closely monitor financial condition.

Reasons Supporting Proposal: RCW 48.44.095 requires the commissioner to designate the form to be used for annual statements. Currently, financial information is received by the commissioner a minimum of four months after the end of the reporting year. The dynamics of the economic and financial markets require more current reporting in order to provide meaningful monitoring of solvency. Quarterly, or monthly if necessary, financial reporting will allow the commissioner, on a more timely basis, to work with health care service contractors to address and resolve factors which could potentially lead to insolvency.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: James T. Odiorne, Insurance Building, Olympia, Washington, (206) 586-5590.

Name of Proponent: Dick Marquardt, Insurance Commissioner, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: This rule designates the form of annual financial statement to be used by health care service contractors. The rule requires the use of statutory accounting practices and requires that the annual statement be supplemented with audited financial statements prepared according to statutory accounting practices. Quarterly financial reports prepared according to statutory accounting practices and reported on NAIC defined forms are required by this rule for calendar quarters ending on and after March 31, 1993. This rule also authorizes the commissioner to require the filing of monthly

financial reports when there is an indication of financial weakness. The purposes of this rule are to provide uniformity in financial information reporting by health care service contractors, accumulate more timely financial information on health care service contractors, provide more timely monitoring of the financial condition of health care service contractors, and with more timely information work with health care service contractors to bolster weakening financial status at a time when there is a chance of survival rather than resolving financial weakness through receivership. It is anticipated that this rule will result in more timely, uniform reporting of the financial conditions of health care service contractors. Improved reporting of financial condition will allow the commissioner to intervene earlier in attempts to bolster financially troubled companies, lessening the need to rely on receivership with its attendant costs, lessening the need to allocate subscribers to other health care service contractors, and providing the public with a more stable health care coverage industry.

Proposal does not change existing rules.

Small Business Economic Impact Statement: All health care service contractors are currently required to file annual financial statements. Most currently report on forms approved by NAIC. The rule requirement to use NAIC approved forms merely codifies current practice and will have no economic impact. The rule requires the health care service contractor to supplement its annual financial statement with an independent audit report prepared according to statutory accounting practices. Most health care service contractors currently, for their internal purposes, engage an independent auditor to certify the health care service contractor's financial statements prepared on a GAAP basis. It is anticipated that preparing certified financial statements on the basis of statutory accounting practices rather than on GAAP basis should not significantly increase costs. Implementation of the audit requirement is delayed until the filing of annual statements for years ended on and after December 31, 1993, in an effort to allow health care service contractors to negotiate timing and cost of audits with their independent auditors. There will be some additional cost to health care service contractors for completing quarterly financial statements. Since all health care service contractors currently prepare internal financial statements on a monthly basis, it is anticipated that transferring monthly financial information to the NAIC form on a quarterly basis will not significantly increase costs. The cost of compliance with this rule is not easily identified and is not meaningfully measured by cost per employee, cost per hour of labor, or cost per hundred dollars of sales. Any cost of compliance incurred by large or small health care service contractors should be offset by the benefit to the public of closer more timely monitoring of financial condition of health care service contractors.

Hearing Location: John A. Cherberg Building, Hearing Room #1, State Capitol Campus, 14th and Water Streets, Olympia, Washington, on October 27, 1992, at 1:30 p.m.

Submit Written Comments to: Insurance Commissioner, Insurance Building, P.O. Box 40255, Olympia, WA 98504-0255, by October 27, 1992.

Date of Intended Adoption: October 30, 1992.

Proposed [ 122 ]

September 22, 1992
Dick Marquardt
Insurance Commissioner
by Allen Morrow
Deputy Insurance Commissioner

#### **NEW SECTION**

WAC 284-44-345 Requirement to file annual statement—Form of annual statement—Requirement to file quarterly statements—Authority to require filing of monthly financial statements—Statutory accounting practices required. (1) Every health care service contractor shall annually, within one hundred twenty days of the closing date of its fiscal year, file with the commissioner a statement, prepared according to statutory accounting practices, verified by at least two of the principal officers of the health care service contractor showing its financial condition as of the closing date of its fiscal year. For purposes of WAC 284-44-345 only, fiscal year shall mean that period from and including January 1 of each year, to and including December 31 of that same calendar year.

- (2) The form of such annual statement shall be in the current form and content as approved by the National Association of Insurance Commissioners for hospital. medical, and dental service or indemnity corporations, and, for years ending after December 31, 1992, supplemented with an audited financial statement prepared according to statutory accounting practices for the year reported in the annual statement, and additional information required by this chapter and by the commissioner. The statement, completed in black ink or typewritten, shall be filed in duplicate, each of which shall be verified by the oaths and original signatures of at least two of the health care service contractor's principal officers, and notarized. The annual statement shall be accompanied by a monthly enrollment data Form IC-16-HC, and an additional data statement Form IC-13A-HC.
- (3)(a) Every health care service contractor shall file quarterly reports of its financial condition with the commissioner. Such reports shall be filed in the commissioner's office not later than the forty-fifth day after the end of each of the health care service contractor's calendar quarters. Such quarterly reports shall be prepared on the same statutory accounting basis as the annual statement required in subsections (1) and (2) of this section, and shall be in the form and content as approved by the National Association of Insurance Commissioners for quarterly reporting by hospital, medical, and dental service or indemnity corporations, and as supplemented for additional information required by this chapter and by the commissioner. The statement, completed in black ink or typewritten, shall be filed in duplicate, each of which shall be verified by the oaths and original signatures of at least two of the health care service contractor's principal officers, and notarized.
- (b) The first such quarterly report shall be due for the calendar quarter ending March 31, 1993.
- (c) Quarterly reports for the fourth quarter of each year may be omitted, if and only if, the annual financial statement with a year ended as of the same date as the omitted fourth

quarter report is filed with the commissioner on or before the filing due date of the fourth quarter report.

(4) The commissioner may require, as a part of any investigation by the commissioner, any health care service contractor to file monthly financial reports whenever, in the commissioner's discretion, there is a need to more closely monitor the financial activities of the health care service contractor. Monthly financial reports shall be filed in the commissioner's office no later than the twenty-fifth day of the month following the month for which the financial report is being filed. Such monthly financial reports shall be the internal financial statements of the company, accompanied by a schedule converting the financial statements to reflect financial position according to statutory accounting practices and submitted in a form using the same format and designations as quarterly financial reports of health care service contractors.

#### WSR 92-19-142 PROPOSED RULES FOREST PRACTICES BOARD

[Filed September 23, 1992, 11:23 a.m.]

Original Notice.

Title of Rule: Amendment to forest practices rules, Title 222 WAC.

Purpose: To modify provisions of forest practices rules to protect public resources while maintaining a viable timber industry.

Statutory Authority for Adoption: RCW 76.09.040, 76.09.060, and chapter 34.05 RCW.

Statute Being Implemented: Chapter 76.09 RCW.

Summary: To modify forest practice rules to extend the term of forest practices applications and notifications to two years; to correct nonsubstantial wording errors in rules adopted June 26, 1992.

Reasons Supporting Proposal: To implement changes to chapter 76.09 RCW adopted by the 1992 legislature (SHB 2230).

Name of Agency Personnel Responsible for Drafting: Judith Holter, 1111 Washington Street S.E., Olympia, WA, (206) 902-1412; Implementation and Enforcement: Jack Hulsey, 1111 Washington Street S.E., Olympia, WA, (206) 902-1400.

Name of Proponent: State of Washington Forest Practices Board, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The proposal extends the term of a forest practices application to 2 years from approval and extends the term of an accepted notification to 2 years from the date of receipt. The rest of the proposal corrects inadvertent, nonsubstantial wording errors in the rules adopted June 26, 1992.

Proposal Changes the Following Existing Rules: Same as above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Hearing Location: Natural Resources Building, Conference Room 172, 1111 Washington Street S.E., Olympia, WA 98504, on November 12, 1992, at 10 a.m.

Submit Written Comments to: Judith Holter, Department of Natural Resources, Forest Practices Division, P.O. Box 47012, Olympia, WA 98504-7012, by October 30, 1992.

Date of Intended Adoption: November 12, 1992.

September 21, 1992
Patricia Harper
for Brian Boyle
Commissioner of Public Lands

AMENDATORY SECTION (Amending Order 263, filed 6/16/76)

WAC 222-20-080 Application and notification expiration. The approval given by the department to an application to conduct a forest practice shall be effective for a term of ((\(\frac{1}{4}\))) two years from the date of approval. A notification is also effective for a term of ((\(\frac{1}{4}\))) two years from the date of receipt.

AMENDATORY SECTION (Amending Order 535 [WSR 92-15-011], filed 11/16/87 [7/2/92], effective 1/1/88 [8/2/92])

WAC 222-24-030 Road construction. (1) Right of way timber. Merchantable right of way timber shall be removed or decked in suitable locations where the decks will not be covered by fill material or act as support for the fill or embankment.

#### \*(2) Debris burial.

- (a) In permanent road construction, do not bury:
- (i) Loose stumps, logs or chunks containing more than 5 cubic feet in the load-bearing portion of the road, except as puncheon across swampy ground or for culvert protection.
- (ii) Any significant amount of organic debris within the top 2 feet of the load-bearing portion of the road, except as puncheon across swampy ground or for culvert protection.
- (iii) Excessive accumulation of debris or slash in any part of the load-bearing portion of the road fill, except as puncheon across ((swampy ground)) wetlands or for culvert protection.
- (b) In the cases where temporary roads are being constructed across known areas of unstable soils and where possible construction failure would directly impact waters, the requirements in (a), (i), (ii) and (iii) of this subsection shall apply. A temporary road is a roadway which has been opened for the purpose of the forest practice operation in question, and thereafter will be an inactive or abandoned road.
- (3) Compact fills. During road construction, fills or embankments shall be built up by layering. Each layer shall be compacted by operating the tractor or other construction equipment over the entire surface of the layer. Chemical compacting agents may be used in accordance with WAC 222-38-020.
- \*(4) **Stabilize soils.** When soil, exposed by road construction, appears to be unstable or erodible and is so located that slides, slips, slumps, or sediment may reasonably be expected to enter Type 1, 2, 3 or 4 Water and thereby cause damage to a public resource, then such exposed soil

areas shall be seeded with grass, clover, or other ground cover, or be treated by erosion control measures acceptable to the department.

\*(5) Channel clearance. Clear stream channel of all debris and slash generated during operations prior to the removal of equipment from the vicinity, or the winter season, whichever is first.

#### \*(6) Drainage.

- (a) All required ditches, culverts, cross drains, drainage dips, water bars, and diversion ditches shall be installed concurrently with the construction of the roadway.
- (b) Uncompleted road construction to be left over the winter season or other extended periods of time shall be drained by outsloping or cross draining. Water bars and/or dispersion ditches may also be used to minimize eroding of the construction area and stream siltation.
- \*(7) **Moisture conditions.** Construction shall be accomplished when moisture and soil conditions are not likely to result in excessive erosion and/or soil movement, so as to avoid damage to public resources.
- \*(8) End haul/sidecasts. End haul or overhaul construction is required where significant amounts of sidecast material would rest below the 50-year flood level of a Type 1, 2, 3, or 4 Water or where the department determines there is a potential for mass soil failure from overloading on unstable slopes or from erosion of side cast material causing damage to the public resources.
- \*(9) Waste disposal. When spoil, waste and/or other debris is generated during construction, this material shall be deposited or wasted in suitable areas or locations and be governed by the following:

Spoil or other debris shall be deposited above the 50-year flood level of Type 1, 2, 3, or 4 Waters or in other locations so as to prevent damage to public resources. The material shall be stabilized by erosion control measures as necessary to prevent the material from entering the waters.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

AMENDATORY SECTION (Amending WSR 92-15-011, filed 7/2/92, effective 8/2/92)

### WAC 222-24-040 Water crossing structures. \*(1) Bridge construction.

- (a) Bridges are required for new crossings of any Type 1 or 2 Waters regularly used for recreational boating.
- (b) Permanent bridges shall not constrict clearly defined channels and shall be designed to pass the 50-year flood level or the road shall be constructed to provide erosion protection from the 50-year flood waters which exceed the water-carrying capacity of the drainage structure.
- (c) One end of each new permanent log or wood bridge shall be tied or firmly anchored if any of the bridge structure is within 10 vertical feet of the 50-year flood level.
- (d) Excavation for bridges, placement of sills or abutments, and the placement of stringers or girders shall be accomplished from outside the ordinary high-water mark of all waters, except when such operations are authorized by a hydraulic project approval.
- (e) Earth embankments constructed for use as bridge approaches shall be protected from erosion by high water.

Some examples of protection are: Planted or seeded ground cover, bulkheads, rock riprap, or retaining walls.

- (f) When earthen materials are used for bridge surfacing, curbs of sufficient size shall be installed to be above the surface material and prevent such surface material from falling into the stream bed.
- \*(2) Culvert installation: All permanent culverts installed in forest roads shall be of a size that is adequate to carry the 50-year flood or the road shall be constructed to provide erosion protection from the 50-year flood waters which exceed the water-carrying capacity of the drainage structure. Refer to Part 5 "Recommended culvert sizes" in the forest practices board manual for the size of permanent culverts recommended for use in forest roads. If the department determines that because of unstable slopes the culvert size shown on that table is inadequate to protect public resources, it may require culvert sizes in accordance with the nomograph (chart) contained in Part 5 of the forest practices board manual or with other generally accepted engineering principles.
- (a) No permanent culverts shall be installed that are smaller than:
- (i) 24 inches in diameter or the equivalent for anadromous fish streams or wetlands where anadromous fish are present.
- (ii) 18 inches or the equivalent for resident game fish treams.
- (iii) 18 inches or the equivalent for all other water or wetland crossings in western Washington.
- (((iii))) (iv) 15 inches or the equivalent for all other water or wetland crossings in eastern Washington.
- (b) The alignment and slope of the culvert shall parallel the natural flow of the stream whenever possible.
- (c) When fish life is present, construct the bottom of the culvert at or below the natural stream bed at the inlet and outlet.
- (d) Terminate culverts on materials that will not readily erode, such as riprap, the original stream bed (if stable), or other suitable materials.
- (e) If water is diverted from its natural channel, return this water to its natural stream bed via culvert, flume, spillway, or the equivalent.
- (f) When flumes, downspouts, downfall culverts, etc., are used to protect fill slopes or to return water to its natural courses, the discharge point shall be protected from erosion by: (i) Reducing the velocity of the water, (ii) use of rock spillways, (iii) riprap, (iv) splash plates, or (v) other methods or structures demonstrated to be equally effective.
- (g) Stream beds shall be cleared for a distance of 50 feet upstream from the culvert inlet of such slash or debris that reasonably may be expected to plug the culvert.
- (h) The entrance of all culverts should have adequate catch basins and headwalls to minimize the possibility of erosion or fill failure.
- \*(3) Culverts in anadromous fish streams. In addition to the requirements of subsection (2) of this section, in streams used by anadromous fish:
- (a) Culverts shall be either open bottomed or have the bottom covered with gravel and installed at least 6 inches below the natural stream bed at the inlet and outlet.
- (b) Closed bottom culverts shall not slope more than 1/2 percent; except as provided in (e) of this subsection; open

bottom culverts shall not slope more than the natural slope of the stream bed.

- (c) Where multiple culverts are used, one culvert shall be at least 6 inches lower than the other(s).
- (d) Culverts shall be set to retain normal stream water depth throughout the culvert length. A downstream control may be required to create pooled water back into the culvert and to insure downstream stream bed stability.
- (e) Closed bottom culverts, set at existing stream gradients between 1/2 percent and 3 percent slope shall be designed with baffles for water velocity control, or have an approved designed fishway.
- (f) The department, after consultation with the departments of fisheries and wildlife, shall impose any necessary limitations on the time of year in which such culverts may be installed to prevent interference with migration or spawning of anadromous fish.
- (g) Any of the requirements in (a) through (f) of this subsection may be superseded by a hydraulic project approval.

#### \*(4) Temporary water crossings.

- (a) Temporary bridges and culverts, adequate to carry the highest anticipated flow in lieu of carrying the 50-year flood, may be used:
- (i) In the westside region if installed after June 1 and removed by September 30 of the same year.
- (ii) In the eastside region if installed after the spring runoff and removed prior to the snow buildup which could feed a heavy runoff.
- (iii) At other times, when the department and applicant can agree to specific dates of installation and removal.
- (b) Temporary bridges and culverts shall be promptly removed upon completion of use, and the approaches to the crossing shall be water barred and stabilized at the time of the crossing removal.
- (c) Temporary wetland crossings shall be abandoned and restored based on a written plan approved by the department prior to construction.
- (5) Properly prepared and maintained fords may be used during periods of low water providing a hydraulic permit is acquired.

AMENDATORY SECTION (Amending WSR 92-15-011, filed 7/2/92, effective 8/2/92)

# WAC 222-30-020 Harvest unit planning and design. (1) Logging system. The logging system should be appropriate for the terrain, soils, and timber type so yarding or skidding can be economically accomplished in compliance with these regulations.

- \*(2) Landing locations. Locate landings to prevent damage to public resources. Avoid excessive excavation and filling.
- \*(3) Western Washington riparian management zones. These zones shall be measured horizontally from the ordinary high-water mark of Type 1, 2 or 3 Water and extend to the line where vegetation changes from wetland to upland plant community, or the line required to leave sufficient shade as required by WAC 222-30-040, whichever is greater, but shall not be less than 25 feet in width nor more than the maximum widths described in (c) of this subsection, provided that the riparian management zone

width shall be expanded as necessary to include wetlands or ponds adjacent to the stream. When the riparian management zone overlaps a Type A or B Wetland or a wetland management zone, the requirement which best protects public resources shall apply.

- (a) Harvest units shall be designed so that felling, bucking, yarding or skidding, and reforestation can be accomplished in accordance with these regulations, including those regulations relating to stream bank integrity and shade requirements to maintain stream temperature. Where the need for additional actions or restrictions adjacent to waters not covered by the following become evident, WAC 222-12-050 and 222-12-060 may apply.
- (b) When requested in writing by the applicant, the department shall assist in preparation of an alternate plan for the riparian management zone.
- (c) Within the riparian management zone, there shall be trees left for wildlife and fisheries habitat as provided for in the chart below. Fifty percent or more of the trees shall be live and undamaged on completion of the harvest. The leave trees shall be randomly distributed where feasible; some clumping is allowed to accommodate operational considerations. The number, size, species and ratio of leave trees, deciduous to conifer, is specified by the bed material and average width of the water type within the harvest unit. Trees left according to (d) of this subsection may be included in the number of required leave trees in this subsection.

WATER TYPE/ AVERAGE WIDTH	RMZ MAXIMUM WIDTH	RATIO OF CONIFER TO DECIDUOUS/ MINIMUM SIZE LEAVE TREES	# TREES/1000 FT. EACH SIDE  GRAVEL/ COBBLE <10" DIAMETER	BOULDER/ BEDROCK
1 & 2 Water 75' & over	100'	represen- tative of stand	50 trees	25 trees
1 & 2 Water under 75'	75'	represen- tative of stand	100 trees	50 trees
3 Water 5' & over	50'	2 to 1/ 12" or next largest available	75 trees	25 trees
3 Water less than 5'	25'	1 to 1/ 6" or next largest available	25 trees	25 trees

"Or next largest available" requires that the next largest trees to those specified in the rule be left standing when those available are smaller than the sizes specified. Ponds or lakes which are Type 1, 2 or 3 Waters shall have the same leave tree requirements as boulder/bedrock streams.

(d) For wildlife habitat within the riparian management zone, leave an average of 5 undisturbed and uncut wildlife trees per acre at the ratio of 1 deciduous tree to 1 conifer tree equal in size to the largest existing trees of those species within the zone. Where the 1 to 1 ratio is not possible, then substitute either species present. Forty percent or more of the leave trees shall be live and undamaged on completion of harvest. Wildlife trees shall be left in clumps whenever possible.

- (e) When 10 percent or more of the harvest unit lies within any combination of a riparian management zone of Type 1, 2 or 3 Waters or a wetland management zone and the harvest unit is a clearcutting of 30 acres or less, leave not less than 50 percent of the trees required in (c) of this subsection
- \*(4) Eastern Washington riparian management zones. These zones shall be measured horizontally from the ordinary high-water mark of Type 1, 2 or 3 Waters and extend to the line where vegetation changes from wetland to upland plant community, or to the line required to leave sufficient shade as required by WAC 222-30-040, whichever is greater, but shall not be less than the minimum width nor more than the maximum widths described in (c) of this subsection, provided that the riparian management zone width shall be expanded as necessary to include wetlands or ponds adjacent to the stream. When the riparian management zone overlaps a Type A or B Wetland or a wetland management zone, the requirement which best protects public resources shall apply.
- (a) Harvest units shall be designed so that felling, bucking, yarding or skidding, and reforestation can be accomplished in accordance with these regulations, including those regulations relating to stream bank integrity and shade requirements to maintain stream temperature. Where the need for additional actions or restrictions adjacent to waters not covered by the following become evident, WAC 222-12-050 and 222-12-060 may apply.
- (b) When requested in writing by the applicant, the department shall assist in preparation of an alternate plan for the riparian management zone.
- (c) Within the riparian management zone, there shall be trees left for wildlife and fisheries habitat as provided for below. Fifty percent or more of the trees shall be live and undamaged on completion of the harvest. The leave trees shall be randomly distributed where feasible; some clumping is allowed to accommodate operational considerations.
- (i) The width of the riparian management zone shall be based on the adjacent harvest type as defined in WAC 222-16-010(33) Partial cutting. When the adjacent unit harvest type is:

Partial cutting - The riparian management zone width shall be a minimum of 30 feet to a maximum of 50 feet on each side of the stream.

Other harvest types - The riparian management zone shall average 50 feet in width on each side of the stream with a minimum width of 30 feet and a maximum of 300 feet on each side of the stream.

- (ii) Leave tree requirements within the riparian management zones of Type 1, 2 or 3 Waters:
- (A) Leave all trees 12 inches or less in diameter breast height (dbh); and
- (B) Leave all wildlife reserve trees within the riparian management zone where operations in the vicinity do not violate the state safety regulations (chapter 296-54 WAC and chapter 49.17 RCW administered by department of labor and industries, safety division); and
- (C) Leave 16 live conifer trees/acre between 12 inches dbh and 20 inches dbh distributed by size, as representative of the stand; and
- (D) Leave 3 live conifer trees/acre 20 inches dbh or larger and the 2 largest live deciduous trees/acre 16 inches

dbh or larger. Where these deciduous trees do not exist, and where 2 wildlife reserve trees/acre 20 inches or larger do not exist, substitute 2 live conifer trees/acre 20 inches dbh or larger. If live conifer trees of 20 inches dbh or larger do not exist within the riparian management zone, then substitute the 5 largest live conifer trees/acre; and

- (E) Leave 3 live deciduous trees/acre between 12 inches and 16 inches dbh where they exist.
- (iii) Minimum leave tree requirements per acre for Type 1, 2 and 3 Waters. Trees left for (c)(ii) of this subsection shall be included in the minimum counts.
- (A) On streams with a boulder/ bedrock bed, the minimum leave tree requirements shall be 75 trees/acre 4 inches dbh or larger.
- (B) On streams with a gravel/cobble (less than 10 inches diameter) bed, the minimum leave tree requirement shall be 135 trees/acre 4 inches dbh or larger.
- (C) On lakes or ponds the minimum leave tree requirement shall be 75 trees/acre 4 inches dbh or larger.

Note: (See the Forest Practices Board Manual for assistance in calculating trees/acre and average RMZ widths.)

- (d) When 10 percent or more of the harvest unit lies within any combination of a riparian management zone of Type 1, 2 or 3 Waters or a wetland management zone and either the harvest unit is a clearcutting of 30 acres or less or the harvest unit is a partial cutting of 80 acres or less, leave not less than 50 percent of the trees required in (c) of this subsection. (See WAC 222-16-010(33) Partial cutting.)
- \*(5) Riparian leave tree areas. The department will require trees to be left along Type 4 Water where such practices are necessary to protect public resources. Where such practices are necessary leave at least 25 conifer or deciduous trees, 6 inches in diameter or larger, on each side of every 1000 feet of stream length within 25 feet of the stream. The leave trees may be arranged to accommodate the operation.
- (6) Forested wetlands. Within the wetland, unless otherwise approved in writing by the department, harvest methods shall be limited to low impact harvest or cable systems. Where feasible, at least one end of the log shall be suspended during yarding.
- (a) When forested wetlands are included within the harvest area, landowners are encouraged to leave a portion (30 to 70%) of the wildlife reserve tree requirement for the harvest area within a wetland. In order to retain undisturbed habitat within forested wetlands, these trees should be left in clumps. Leave tree areas should be clumped adjacent to streams, riparian management zones, or wetland management zones where possible and they exist within forested wetlands. Green recruitment trees should be representative of the size and species found within the wetland. Leave nonmerchantable trees standing where feasible.
- (b) If a RMZ or WMZ lies within a forested wetland, the leave tree requirement associated with those areas may be counted toward the percentages in (a) of this subsection.
- (c) If the conditions described in (a) and (b) of this subsection are met, the distribution requirements for wildlife reserve trees and green recruitment trees (subsection (11)(e) of this section) are modified as follows: For purposes of distribution, no point within the harvest unit shall be more

- than 1000 feet from a wildlife reserve tree and green recruitment tree retention area.
- (d) Approximate determination of the boundaries of forested wetlands greater than 5 acres shall be required. Approximate boundaries and areas shall be deemed to be sufficient for harvest operations.
- (e) The department shall consult with the department of wildlife, the department of fisheries, and affected Indian tribes about site specific impacts of forest practices on wetland-sensitive species in forested wetlands.
- (7) Wetland management zones (WMZ). These zones shall apply to Type A and B Wetlands, ((0.5 acre in size of larger)) as indicated in (a) of this subsection, and shall be measured horizontally from the wetland edge or the point where the nonforested wetland becomes a forested wetland, as determined by the method described in the board manual, and shall be of an average width as described in (a) of this subsection. These zones shall not be less than the minimum nor more than the maximum widths described in (a) of this subsection. When these zones overlap a riparian management zone the requirement which best protects public resources shall apply.
- \*(a) Wetland management zones (WMZ) shall have variable widths based on the size of the wetland and the wetland type, described as follows:

#### WETLAND MANAGEMENT ZONE WIDTHS

Wetland Type	Acres of Nonforested Wetland	Maximum WMZ Width	Average WMZ Width	Minimum WMZ Width
Α	Greater			
	than 5	200 feet	100 feet	50 feet
Α	0.5 to 5	100 feet	50 feet	25 feet
A Bog/Fen	0.25 to 0.5	100 feet	50 feet	25 feet
В	Greater			
	than 5	100 feet	50 feet	25 feet
В	0.5 to 5			25 feet
В	0.25 to 0.5	No WMZ		
	Required			

- (b) Within the WMZ, leave a total of 75 trees per acre of WMZ greater than 6 inches dbh in Western Washington and greater than 4 inches dbh in Eastern Washington, 25 of which shall be greater than 12 inches dbh including 5 trees greater than 20 inches dbh, where they exist. Leave trees shall be representative of the species found within the WMZ.
- (c) Retain wildlife reserve trees where feasible. Type 1 and 3 wildlife reserve trees may be counted among, and need not exceed, the trees required in (b) of this subsection. Leave all cull logs on site.
- (d) Partial-cutting or removal of groups of trees is acceptable within the WMZ. The maximum width of openings created by harvesting within the WMZ shall not exceed 100 feet as measured parallel to the wetland edge. Openings within WMZs shall be no closer than 200 feet. Landowners are encouraged to concentrate leave trees within the WMZ to the wetland edge.
- \*(e) Tractors, wheeled skidders, or other ground based harvesting systems shall not be used within the minimum WMZ width without written approval of the department.
- \*(f) When 10% or more of a harvest unit lies within any combination of a wetland management zone or a riparian management zone of Type 1, 2, or 3 Waters and either the harvest unit is a clearcut of 30 acres or less or the harvest

unit is a partial cut of 80 acres or less, leave not less than 50% of the trees required in (b) of this subsection.

- \*(8) Nonforested wetlands (Type A or B). Within the boundaries of Type A or B Wetlands the following shall apply:
- (a) Individual trees or forested wetland areas less than 0.5 acre in size may occur. These trees have a high habitat value to the nonforested wetland. Leave individual trees or forested wetlands less than 0.5 acre. These trees may be counted toward the WMZ requirements.
- (b) Harvest of upland areas or forested wetlands which are surrounded by Type A or B Wetlands must be conducted in accordance with a plan, approved in writing by the department.
- (c) No timber shall be felled into or cable yarded across Type A or B Wetlands without written approval of the department.
- (9) Future productivity. Harvesting shall leave the land in a condition conducive to future timber production except:
- (a) To the degree required for riparian management zones; or
- (b) Where the lands are being converted to another use or classified urban lands as specified in WAC 222-34-050.
- (10) Wildlife habitat. This subsection is designed to encourage timber harvest practices that would protect wildlife habitats, provided, that such action shall not unreasonably restrict landowners action without compensation.
- (a) The applicant should make every reasonable effort to cooperate with the department of wildlife to identify critical wildlife habitats (state) as defined by the board. Where these habitats are known to the applicant, they shall be identified in the application or notification.
- (b) Harvesting methods and patterns in established big game winter ranges should be designed to insure adequate access routes and escape cover where practical.
- (i) Where practical, cutting units should be designed to conform with topographical features.
- (ii) Where practical on established big game winter ranges, cutting units should be dispersed over the area to provide cover, access for wildlife, and to increase edge effect
- (11) Wildlife reserve tree management. In areas where leaving wildlife reserve trees under this section will not create a significant fire hazard, or significant hazard to overhead power lines and operations that are proposed in the vicinity of wildlife reserve trees will not create a significant safety or residential hazard nor conflict with achieving conformance with the limitation of or performance with the provisions of chapter 76.04 RCW (snag falling law) and chapter 49.17 RCW (safety), wildlife reserve trees will be left to protect habitat for cavity nesting wildlife in accordance with the following:
- (a) In Western Washington, for each acre harvested 3 wildlife reserve trees, 2 green recruitment trees, and 2 down logs shall be left. In Eastern Washington for each acre harvested 2 wildlife reserve trees, 2 green recruitment trees, and 2 down logs shall be left. Type 1 wildlife reserve trees may be counted, at the landowner's option, either as a wildlife reserve tree or as a green recruitment tree. If adequate wildlife reserve trees are not available, no additional green recruitment trees will be required as

- substitutes. Landowners shall not under any circumstances be required to leave more than 2 green recruitment trees per acre for the purpose of wildlife reserve tree recruitment, or be required to leave Type 3 or 4 wildlife reserve trees.
- (b) In Eastern Washington, for 5 years from the effective date of this subsection where over-story harvest of seed trees left for purpose of reforestation are proposed and less than 10 trees per acre will be harvested within the 5-year period, 50% of the green recruitment trees otherwise required in this subsection may be left.
- (c) In Western Washington, only those wildlife reserve trees 10 or more feet in height and 12 or more inches dbh shall be counted toward wildlife reserve tree retention requirements. In Eastern Washington, only those wildlife reserve trees 10 or more feet in height and 10 or more inches dbh shall be counted toward wildlife reserve tree retention requirements. Green recruitment trees, 10 or more inches dbh and 30 or more feet in height and with at least 1/3 of their height in live crown, left standing after harvest may be counted toward green recruitment tree requirements. Green recruitment trees and/or wildlife reserve trees left to meet other requirements of the rules or those left voluntarily by the landowner shall be counted toward satisfying the requirements of this section. Large, live defective trees with broken tops, cavities, and other severe defects are preferred as green recruitment trees. Only down logs with a small end diameter greater than or equal to 12 inches and a length greater than or equal to 20 feet or equivalent volume shall be counted under (a) of this subsection. Large cull logs are preferred as down logs.
- (d) In the areas where wildlife reserve trees are left, the largest diameter wildlife reserve trees shall be retained to meet the specific needs of cavity nesters. Where the opportunity exists, larger trees with numerous cavities should be retained and count as recruitment trees.
- (e) In order to facilitate safe and efficient harvesting operations, wildlife reserve trees and recruitment trees may be left in clumps. For purposes of distribution, no point within the harvest unit shall be more than 800 feet from a wildlife reserve tree or green recruitment tree retention area. Subject to this distribution requirement, the location of these retention areas and the selection of recruitment trees shall be at the landowner's discretion. Closer spacing of retention areas through voluntary action of the landowner is encouraged. Wildlife reserve tree and green recruitment tree retention areas may include, but are not limited to, riparian management zones, riparian leave tree areas, other regulatory leave areas, or voluntary leave areas that contain wildlife reserve trees and/or green recruitment trees.
- (f) In order to provide for safety, landowners may remove any Type 3 or 4 wildlife reserve tree which poses a threat to humans working, recreating, or residing within the hazard area of that tree. In order to provide for fire safety, the distribution of wildlife reserve tree retention areas, described in (e) of this subsection, may be modified as necessary based on a wildlife reserve tree management plan proposed by the landowner and approved by the department.

Proposed [ 128 ]

### WSR 92-19-143 PROPOSED RULES BUILDING CODE COUNCIL

[Filed September 23, 1992, 11:43 a.m.]

Original Notice.

Title of Rule: Washington State Energy Code.

Purpose: To adopt or amend and adopt revised standards for energy efficiency for new or altered nonresidential buildings.

Statutory Authority for Adoption: Chapter 19.27A RCW and chapter 122, Laws of 1991.

Statute Being Implemented: Chapter 122, Laws of 1991.

Summary: The purpose of the rule is to adopt changes to the Washington State Energy Code in accordance with chapter 19.27A RCW and chapter 122, Laws of 1991.

Reasons Supporting Proposal: The council received petitions from several groups including the Northwest Power Planning Council, Washington State Energy Office, Puget Sound Chapter of ASHRAE and the Natural Resources Defense Council to upgrade the Washington State Energy Code regulations for new nonresidential buildings.

Name of Agency Personnel Responsible for Drafting and Implementation: Judith Darst, P.O. Box 48300, Olympia, WA 98504-8300 (206) 586-2251; and Enforcement: Local governments.

Name of Proponent: Washington Building Code Council, governmental.

Agency Comments or Recommendations, if any, as to Statutory Language, Implementation, Enforcement, and Fiscal Matters: The council especially seeks comments on the following issues and options that are proposed in the rule:

Which one of three proposed implementation dates are most appropriate: July 1, 1993, January 1, 1994 or July 1, 1994.

New requirements for buildings 10,000 sf and less.

New class of semi-heated buildings and the requirements.

Elimination of equipment sizing requirement, substituting minimum part load equipment efficiencies.

Options for transport energy.

Options for economizer requirements.

Options for reduced lighting power levels in the following areas: Office lighting and school lighting.

New prescriptive path for lighting levels.

Any additional clarifying amendments that may be needed.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The proposed rule separates the State Energy Code requirements into two distinct parts. Part One (chap 1-10) applies only to new or altered residential buildings. Part Two (chap 11-20) applies to new or altered nonresidential buildings. These changes are intended to improve the usability of the code document. Proposed changes to Part One are editorial in nature and necessary in order to clarify and separate the requirements. Proposed changes to Part Two are substantive in nature and will increase the level of energy efficiency in new and altered commercial buildings.

Proposal Changes the Following Existing Rules: The following substantive changes are proposed to the existing nonresidential energy code requirements:

Chapter 11. Administration: More detailed documentation is required to be submitted with plans to demonstrate compliance with the Energy Code. Exemptions for components of buildings are now placed within the sections dealing with those components.

Chapter 12. Definitions: Unused definitions have been removed and new terms and concepts added as required.

Chapter 13. Design Conditions: Minimal change - design cooling temperature has been lowered to 75 degrees F. to be more in line with actual practice.

Chapter 14. Systems Analysis: This chapter has been broken apart as in the Seattle Energy Code so that Chapter 14 only gives the general outline of a systems analysis compliance path and Chapter 19 outlines the specific analytic requirements. A much more structured approach is now required to documenting compliance using this path. The approach still requires a demonstration of energy use equivalence between a standard and proposed design.

Chapter 15. Component Performance:

Envelope: Basic envelope heat loss standards are revised to conform to ASHRAE Standard 90.1-1989 for walls. These levels approximate current requirements, but will generally result in the use of tinted glass in most cooled buildings. More compliance options not requiring calculations are offered. Use of ASHRAE based levels allows the use of a computer assisted component compliance tool developed by ASHRAE. This program provides more custom design flexibility with minimal calculation. Floor and roof assembly insulation standards are adjusted to reflect current economic experience. Nonresidential buildings 10,000 square feet or less must use envelope compliance paths as stringent as the Group R paths. A new class of semi-heated buildings (such as distribution warehouses) is created for which only roof insulation is required, provided that installed heating capacity is regulated within limits. Greenhouses are exempt from the code's building envelope requirements. New Tables 15-2A and 15-2B contain the new envelope requirements.

Mechanical: Limits on maximum equipment sizing are eliminated and minimum part load equipment efficiencies are substituted. Limits on simultaneous heating and cooling are tightened, with new requirements for temperature reset and heat recovery in high percentage outside air systems. Minimum equipment efficiency standards are revised to follow ASHRAE standards to allow conformance to national markets. Electric motors, except in package equipment, that are over 1 hp must meet NEMA high efficiency standards. Energy used for fans and pumps is more strictly limited, with credit given for efficient variable air volume control systems. Consensus was not reached for the transport energy minimum requirements for supply air. Economy cooling with outside air is now required on all 7 1/2 ton units and 5 ton rooftop units. Consensus was not reached on the need and size of an overall limit for small units without economy cooling within a building. Automatic 7 day control of building system operation is required. Duct and pipe insulation requirements have been revised. Efficiency requirements have been placed on all hot water generation and storage equipment. Covers are required on swimming

pools and electric resistance heat prohibited on larger pools. Water flow limits on plumbing fixtures have been eliminated from the nonresidential part of the Energy Code in favor of their being added to the Washington State Plumbing Code. All mechanical designs are intended to comply with the new Washington Ventilation and Indoor Air Quality Code. New Tables 15-3 through 15-13 contain new equipment efficiency requirements. New Table 15-14 lists minimum motor efficiency standards. Revised Tables 15-15 and 15-16 provide duct and pipe insulation requirements.

Lighting: Allowed lighting power levels have been substantially reduced. Office lighting levels are lowered. Consensus was not reached with options proposed for both 1.2 and 1.0 watts/sf. Retail lighting is controlled at 1.0 to 1.5 watts/sf with most display lighting exempted. School lighting levels were another nonconsensus item with options for regulation at 1.35 and 1.2 watts/sf. Warehouse areas are regulated at 0.5 watts/sf with credit for rack storage areas and above average building height. Lighting area use categories have been expanded to provide more clarity. Current code credits for controls in the calculation of building lighting power allowance are eliminated. No tradeoff is allowed to increase the interior lighting allowance from the exterior allowance. Automatic (sweep) controls are required to turn off lights in larger building spaces when unoccupied. New Table 15-17 gives unit lighting power allowances.

Chapter 16. Prescriptive Compliance: Envelope requirements for nonresidential building are now part of Chapter 15.

Chapter 17. Standards: Standard references are updated to current editions.

Chapter 18. Suggested Software: This section is revised and updated.

Chapter 19. Systems Compliance Assumptions: This section details the assumptions that must be used when simulating building energy consumption in the systems analysis compliance path. The guidance will produce more uniform and accurate comparisons. New Tables 19-1 through 19-3 give new standard simulation assumptions.

Chapter 20. Default Heat Loss Coefficients: Coefficients for metal stud frame construction, heated slabs, and compressed batt insulation have been added and values for masonry wall construction included.

Small Business Economic Impact Statement

I. INTRODUCTION: The 1991 legislature (ESSB 5770) directed the Washington State Building Code Council to consider revisions to the Nonresidential Energy Code (NREC), and to ensure that the proposed changes were cost-effective to building owners and tenants. The proposed amendments to chapter 51-11 WAC were prepared in fulfillment of this obligation. This impact statement identifies the economic impact of the proposed amendment on small businesses affected by the proposed code, specifically estimates the potential economic savings from the amendments, and provides information as required by the Regulatory Fairness Act.

II. DESCRIPTION OF THE PROPOSED RULEMAKING: The proposed code increases the level of energy efficiency in newly constructed and substantially remodeled nonresidential buildings. The code is designed to

provide flexibility in achieving these greater energy savings in new buildings. The major areas of increased energy efficiency are:

Building Shell: Energy saving glass and insulation requirements are strengthened.

Mechanical Systems: National standards for equipment efficiency are added, and economy cooling (use of outside air in lieu of air conditioning where feasible) requirements are clarified and are applied to smaller units where cost-effective. The selection of efficient electric motors is required.

Lighting: Maximum lighting power use is reduced to reflect currently available efficient technologies and the lighting levels typically required by modern buildings. Automatic lighting controls are required in larger buildings.

To a great extent, the proposed NREC is based upon the 1991 Commercial Model Conservation Standards promulgated by the Northwest Power Planning Council (NWPPC). While some individual measures are more expensive, the average cost of the measures included in the code revision is less than \$.02/kwh (1991\$) based on the analysis by the NWPPC in the 1991 Pacific Northwest Conservation and Electric Power Plan. The additional cost of new construction of nonresidential buildings will, in nearly all cases, be more than offset by energy bill savings. Therefore, we anticipate the net impacts on small business will be positive.

III. SMALL BUSINESS ECONOMIC IMPACTS OF THE PROPOSAL: There is no existing data on the small business economic impact related to cost per employee, cost per hour of labor, or cost per one hundred dollars of sales. The small business economic impacts are therefore analyzed based on costs of construction and value of energy savings. Impacts will occur to three separate groups of small business. First, small businesses which are owners and/or tenants of new commercial buildings will save money, since the proposed standards provide energy savings at costs significantly lower than the average retail electric and gas rates paid by small businesses. Second, the proposed standards will generate additional work and income for small businesses involved in the construction trades. Finally, the proposed standards will help to reduce utility requirements for new energy resources, which will tend to mitigate expected rate increases for utilities which serve all citizens in the state, including small businesses which may be otherwise unaffected by the proposed code.

A. Impact on Owners and Tenants of New Commercial Buildings.

In most cases, it is expected that the proposed code will increase the initial construction cost for new nonresidential buildings. However, in nearly all cases, these increased construction costs will be offset by reduced energy bills. Therefore, the net impact on such owners and tenants will be positive.

In some cases, the standards will result in lower construction costs. For example, the use of more efficient lighting fixtures means that less waste heat is generated inside the building. This means that air conditioning systems can be smaller, reducing both construction costs and operating costs.

For example, a small business using 10,000 kwh/month at the average retail rate of \$.05/kwh currently pays \$500 per

month for electricity. Assuming the proposed standards reduce this by 20%, small businesses occupying new buildings will use 8,000 kwh/month and pay only \$400/month. The savings will come with an approximate cost of an additional \$40/month on the mortgage or lease payments for the business. Thus, after paying the increased initial costs of the recommended measures, a significant savings will remain with the business. This analysis is based upon the use of typically available technology to meet the requirements of the proposed code in the least costly manner.

The proposed code does not have uniform levelized costs across all building types. The NWPPC has developed cost estimates for various types of buildings occupied by small businesses as shown below:

Expected Costs and Savings
Northwest Power Planning Council Model Conservation Standards
Building Types Occupied by Small Business

Building Type	Additional Construction Cost \$/ft <sup>2</sup>	O&M Cost Savings \$/ft²/yr	Energy Savings kwh/ft²/yr	Cost of Savings \$/kwh
Small Office	\$.49(\$.65)	\$.003	1.36(2.25)	\$.038
Large Office	\$.34	\$.003	1.69	\$.02
Small Retail	\$.29(\$1.99)	\$.106	.61(5.55)	<\$.01
Warehouse	\$.11	\$.017	.97	<\$.01
Grocery	\$.00	\$.00	0.0	\$.00
Fast Food	\$1.17	\$.037	3.25	\$.016

Note: Costs and savings in (parentheses) are from Puget Power commercial conservation program experience, and support the conclusion that the proposed measures are cost-effective to building owners and tenants.

Where the costs are shown as less than \$.01, this generally indicates that the operating cost savings (apart from energy costs) fully offset the higher initial costs. This impact will vary depending upon what electric utility serves the building. Listed below are some typical average electric rates for commercial customers receiving power at secondary voltage for Washington utilities.

Typical Commercial Electric Rates and Costs of Proposed Energy-Saving Measures

Utility	Commercial Rate; \$/kwh
Statewide Average:	\$.045
Pacific Power	\$.06
Washington Water Power	\$.06
Puget Power	\$.05
Seattle City Light	\$.04
Snohomish County PUD	\$.04
Clark County PUD	\$.04
Tacoma City Light	\$.035
Average Cost of NREC Conservation	on Savings: \$.02

Where the cost/kwh paid by small businesses for electricity exceeds the levelized cost of the energy conservation measures required by the proposed cost, the affected business is afforded a benefit by the proposed code; where the cost/kwh for electricity is lower than the levelized cost of the energy conservation measures, the affected customer is worse off with the code.

The large utilities listed above serve some 80% of the state population, and over 90% of expected new

nonresidential construction is forecast to occur within their service territories. A few utilities, notably Grant, Chelan, Douglas, and Pend Oreille County Public Utility Districts have nonresidential electric rates which are below \$.03/kwh. A very small percentage of new construction is expected in these areas relative to that forecast for the portions of the state served by the utilities listed above. In these areas, the affected building owners and tenants will receive bill savings which approximately equal the incremental costs they will incur to comply with the proposed code, so that there will be no net costs or savings.

In addition, for some specific building applications with unusual design and/or construction characteristics, the generalized cost assumptions for most buildings may not apply, the cost of complying with the code may be higher, and the economic benefits may be lower. The benefits to small businesses described in the subsequent sections, however, will apply equally in these low-cost utility service territories. Conversely, as technology evolves and builders become more familiar with the requirements of the new code, experience with residential energy codes suggests that the cost of compliance may be reduced, and therefore the economic benefits will increase.

Energy costs are typically a very small proportion of total operating costs for small businesses, seldom rising above 3% of total expense. Labor costs, taxes, inventory carrying costs, and other cost categories are typically much larger. The proposed NREC will result in a significant percentage reduction in energy costs, but even a 30% reduction of a cost item accounting for 3% of total costs will produce less than a 1% change in total costs. While net cost savings to small business are expected, these will generally not be large in the context of total costs of doing business.

B. Impact on Small Businesses Involved in the Construction Trades.

Many small businesses are involved in the design and construction of new nonresidential buildings. These include architects, engineers, general and specialty contractors, building commissioning and energy system service specialists, and others. Because the proposed code increases the amount of engineering, design, and construction work in new nonresidential buildings (the costs of which are offset by lower energy bills), the proposed NREC will provide increased work for these firms, and thereby benefit small business involved in the construction trades.

New commercial building construction in the Northwest is expected to total 500 million to 1.1 billion square feet over the period 1994-2003. Slightly more than half of this regional total is forecast to occur in the state of Washington. The average cost per square foot of the incremental measures required by the code is about \$.50 per square foot of newly constructed space. Therefore, the proposed code should be expected to provide between \$150 million and \$300 million in gross income to businesses involved in the construction of nonresidential buildings.

The portion of this benefit which will accrue to small businesses is unknown, but many general contractors and nearly all architectural and engineering firms, electrical, mechanical, plumbing and other subcontractors fall within the definition of a small business (fifty employees or less).

There will also be some costs for these small businesses related to education and training on the new code revisions.

A portion of these costs will be offset by funding provided by the Bonneville Power Administration and utilities to support these programs.

C. Energy Cost Impact on Small Businesses Which may be Otherwise Unaffected by the Proposed Code.

Most small businesses neither occupy newly constructed space nor are engaged in the construction trades. Nonetheless, the energy savings resulting from the proposed NREC will positively impact these businesses by forestalling electric rate increases which they would otherwise face.

The alternative to the proposed NREC would be construction of new electric power generating resources and acquisition of new natural gas resources. Both are considerably more expensive than the resources made available by the proposed NREC. The bulk of the available resources identified by the NWPPC are two to three times as expensive as the resources conserved for alternative use by the proposed NREC. Acquisition of the resources contained in the NREC will reduce the need for utilities to acquire more expensive resources, and therefore hold down utility rates.

Furthermore, many of the resources in the NREC are currently being subsidized by utilities seeking to avoid higher cost resources; by shifting these costs from electric consumers at large to the building owners, rate impacts on nonparticipating ratepayers are reduced, while the benefits of the savings are secured for the participants and nonparticipants alike. Presently, voluntary utility assistance programs are achieving only partial penetration of the market in achieving these energy savings, and the costs are borne by all electric power consumers. The proposed code would affect all new construction. Thus, compared with the conservation subsidy programs operated by some utilities, the proposed NREC is far more beneficial to the vast majority of small businesses who neither occupy new building space nor are involved in the construction trades, because greater energy savings are achieved, and the costs are borne by the direct beneficiaries (the owners and tenants of the new buildings) rather than by energy consumers generally.

The estimated savings from implementation of the proposed code will be to conserve 15 - 50 billion kwh over the expected 50 year life of the buildings to be constructed over the next ten years. Since the average cost of alternative resources is approximately \$.02/kwh more expensive than the resources included in the proposed code, the proposed code should be expected to provide total cost savings of \$300 million - \$1 million to electric ratepayers. Similar savings, although of a smaller scale, will accrue to natural gas utilities and their ratepayers. Only a portion of these savings will be retained within the state of Washington, and only a portion of those will accrue to nonparticipating small business ratepayers. However, the energy savings resulting from implementation of the proposed code will benefit all nonparticipating regional small business energy consumers.

IV. MITIGATION REQUIRED UNDER THE REGULATORY FAIRNESS ACT: The Regulatory Fairness Act requires that an agency adopting rules reduce the economic impact of the proposed rules on small businesses.

The proposed rule clarifies, consolidates, and simplifies the existing rule as required by RCW 19.85.020 (1)(b) by establishing prescriptive, component performance, and building performance alternatives for complying with the code requirements. Generally, the prescriptive requirements are considered to be less burdensome for small business.

All businesses engaged in the design and construction of nonresidential buildings are presently required to submit requested documentation to the building official when seeking construction permits. This requirement is clarified (Section 11.04) by requiring that the plans and specifications for the building include certain information relating to the energy components of the building. This may create increased recordkeeping responsibilities for design professionals, although it may be more than offset by more expeditious handling of permit applications than would be the case if this code were to be enforced by building officials without the benefit of a defined requirement for documentation

The proposed code also requires that certain maintenance information be posted on major building components. This may create a small record keeping burden for businesses engaged in the design and construction of nonresidential buildings, which will be offset by reduced maintenance burdens (including locating this information) for the small businesses which are owners and tenants of nonresidential buildings.

The prescriptive alternatives for building design included in the code should minimize the need for professional services in building design and engineering. Component performance and system analysis options provide increased flexibility to building owners, but may require additional professional design and engineering services. This is not a change procedurally from the current code applied to nonresidential buildings; only the stringency of the code is being materially changed. Because it is expected that the proposed rules will cause greater initial cost of new nonresidential buildings coupled with smaller energy bills, it is assumed that on balance, the amount devoted to professional services (and construction services) will be increased by the proposed rules. Professional services typically amount to a relatively small percentage of the total cost of new nonresidential buildings, any increase would also be expected to be relatively small compared to the cost of construction.

V. SUMMARY: The proposed nonresidential energy code will increase the initial cost of new buildings used by small businesses, but these increased initial costs will be more than offset in nearly all cases by significant savings in long-term building operating costs for these buildings. In almost all parts of the state, and almost all types of new buildings, the savings will exceed the additional annual costs of building ownership and/or tenancy.

Hearing Location: SeaTac Fire Department, 2929 South 200th, SeaTac, WA, on November 13, 1992, at 9:00 a.m.

Submit Written Comments to: State Building Code Council, P.O. Box 48300, Olympia, WA 98504-8300, Attn: Gene J. Colin, by November 20, 1992.

Date of Intended Adoption: December 11, 1992.

September 11, 1992 G. J. Colin Chair

Proposed [ 132 ]

AMENDATORY SECTION (Amending WSR 91-01-112, filed 12/19/90, effective 7/1/91)

### WAC 51-11-0101 Section 101. Scope and general requirements.

- 101.1 Title: Chapters 1 through 10 of this Code shall be known as the "Washington State Residential Energy Code" and may be cited as such; and will be referred to herein as "this Code."
- 101.2 Purpose and Intent: The purpose of this Code is to provide minimum standards for new or altered buildings and structures or portions thereof to achieve efficient use and conservation of energy.

The purpose of this Code is not to create or otherwise establish or designate any particular class or group of persons who will or should be especially protected or benefitted by the terms of this Code.

It is intended that these provisions provide flexibility to permit the use of innovative approaches and techniques to achieve efficient use and conservation of energy. These provisions are structured to permit compliance with the intent of this Code by any one of the following three paths of design:

- 1. A systems analysis approach for the entire building and its energy-using sub-systems which may utilize renewable energy sources, Chapter 4.
- 2. A component performance approach for various building elements and mechanical systems and components, Chapter 5.
  - 3. A prescriptive requirements approach, Chapter 6.

Compliance with any one of these approaches meets the intent of this Code. This Code is not intended to abridge any safety or health requirements required under any other applicable codes or ordinances.

The provisions of this Code do not consider the efficiency of various energy forms as they are delivered to the building envelope. A determination of delivered energy efficiencies in conjunction with this Code will provide the most efficient use of available energy in new building construction.

101.3 Scope: This Code sets forth minimum requirements for the design of new buildings and structures that provide facilities or shelter for ((public assembly, educational, business, mercantile, institutional, storage and)) residential occupancies, as well as those portions of factory and industrial occupancies designed primarily for human occupancy by regulating their exterior envelopes and the selection of their HVAC, service water heating, electrical distribution and illuminating systems and equipment for efficient use and conservation of energy.

Buildings shall be designed to comply with the requirements of either Chapter 4, 5, or 6 of this Code.

101.3.1 Exempt Buildings: Buildings and structures or portions thereof meeting any of the following criteria shall be exempt from the building envelope requirements of sections 502 and sections 602 and 605, but shall comply

with all other requirements for building mechanical systems, service water heating and lighting systems.

- 101.3.1.1: Buildings and structures or portions thereof whose peak design rate of energy usage is less than three and four tenths (3.4) Btu/h per square foot or one point zero (1.0) watt per square foot of floor area for space conditioning requirements.
- 101.3.1.2: Buildings and structures or portions thereof which are neither heated according to the definition of heated space in Chapter 2, nor cooled by a non-renewable energy source, provided that the non-renewable energy use for space conditioning complies with requirements of section 101.3.1.1.
- 101.3.1.3: Greenhouses isolated from any conditioned space and not intended for occupancy.
- 101.3.2 Application to Existing Buildings: Additions, historic buildings, changes of occupancy or use, and alterations or repairs shall comply with the requirements in the subsections below.

EXCEPTION:

The building official may approve designs of alterations or repairs which do not fully conform with all of the requirements of this Code where in the opinion of the building official full compliance is physically impossible and/or economically impractical and:

- 1. The alteration or repair improves the energy efficiency of the building; or
- 2. The alteration or repair is energy efficient and is necessary for the health, safety, and welfare of the general public.

In no case, shall building envelope requirements or mechanical system requirements be less than those requirements in effect at the time of the initial construction of the building.

101.3.2.1 Additions to Existing Buildings: Additions to existing buildings or structures may be made to such buildings or structures without making the entire building or structure comply, provided that the new additions shall conform to the provisions of this Code.

EXCEPTION:

New additions which do not fully comply with the requirements of this Code and which have a floor area which is less than seven hundred fifty square feet shall be approved provided that improvements are made to the existing occupancy to compensate for any deficiencies in the new addition. Compliance shall be demonstrated by either systems analysis or component performance calculations. The nonconforming addition and upgraded, existing occupancy shall have an energy budget or heat loss which is less than or equal to the unimproved existing building, with the addition designed to comply with this Code.

101.3.2.2 Historic Buildings: The building official may modify the specific requirements of this Code for historic buildings and require in lieu thereof alternate requirements which will result in a reasonable degree of energy efficiency. This modification may be allowed for those buildings which have been specifically designated as historically significant by the state or local governing body, or listed in The National Register of Historic Places or which have been determined to be eligible for listing.

101.3.2.3 Change of Occupancy or Use:

- ((1. Any Other than Group R Occupancy which is presently unconditioned where the occupancy or use is changed to require conditioning shall be required to be brought into full compliance with this Code.
- 2. The use or occupancy of any Other than Group R Occupancies which are presently conditioned may be changed without complying with this code, provided additional heat or cooling is not added.
- 3. Any Other than Group R Occupancy which is converted to Group R Occupancy shall be brought into full compliance with this Code.
- 4. Any Group R Occupancy which is converted to Other than Group R Occupancy shall be required to comply with all of the provisions of this code if either new or increased heating or cooling is provided.
- 5. All Occupancies, which are converted from a Group R Occupancy or an Other than Group R Occupancy or use, to a new Other than Group R Occupancy or use shall comply with the lighting standards set forth in this code unless the existing lighting is not altered.)) Reserved.
- 101.3.2.4 Alterations and Repairs: All alterations and repairs to buildings or portions thereof originally constructed subject to the requirements of this Code shall conform to the provisions of this Code without exception. For all other existing buildings, initial tenant alterations shall comply with the new construction requirements of this Code. Other alterations and repairs may be made to existing buildings and moved buildings without making the entire building comply with all of the requirements of this Code for new buildings, provided the following requirements are met:
- 101.3.2.5 Building Envelope: The result of the alterations or repairs both:
  - 1. Improves the energy efficiency of the building, and
- 2. Complies with the overall average thermal transmittance values of the elements of the exterior building envelope in Table 5-1 ((or.5.2)) of Chapter 5 or the nominal R-values and glazing requirements of the reference case in Tables 6-1 to 6-6 ((or.6.7)).

#### **EXCEPTIONS:**

- 1. Untested storm windows may be installed over existing glazing for an assumed U-value of 0.90, however, where glass and sash are being replaced in Group R Occupancy, glazing with a maximum area weighted average U-value of 0.40 shall be installed where there is an electric resistance space heating system and glazing with a maximum U-value of 0.65 (Climate Zone I) and 0.60 (Climate Zone II) shall be installed where there is any other space heating system.
- 2. Where the structural elements of the altered portions of roof/ceiling, wall or floor are not being replaced, these elements shall be deemed to comply with this Code if all existing framing cavities which are exposed during construction are filled to the full depth with batt insulation or insulation having an equivalent nominal R-value while, for roof/ceilings, maintaining the required space for

- ventilation. Existing walls and floors without framing cavities need not be insulated. Existing roofs shall be insulated to the requirements of this Code if
- a. The roof is uninsulated or insulation is removed to the level of the sheathing, or
- b. All insulation in the roof/ceiling was previously installed exterior to the sheathing or nonexistent.
- 101.3.2.6 Building Mechanical Systems: Those parts of systems which are altered or replaced shall comply with section 503 of this Code.
- 101.3.2.7 Service Water Heating: Those parts of systems which are altered or replaced shall comply with section 504.
- 101.3.2.8 ((Lighting: Those parts of systems which are altered or replaced in buildings initially constructed subject to the requirements of this Code shall comply with section 505. Other remodels or replacements of lighting systems which are part of a substantial remodel shall comply with sections 505. In addition, remodeling of any size area with or without putting a new ceiling grid or suspension system when reusing existing fixtures and/or adding new ones shall not require-compliance with the lighting power-budget as long as the installed wattage is maintained or reduced. Remodeling of an entire floor or an entire tenant space that includes a new lighting system with or without a new ceiling grid or suspension system shall require compliance of a lighting power budget of section 505. Compliance with switching requirements of section 505.2 is only required when new wiring is being run related to adding fixtures and/ or-fixtures are being relocated to a new circuit.)) Reserved.
- 101.3.3 Mixed Occupancy: When a building houses more than one occupancy, each portion of the building shall conform to the requirements for the occupancy housed therein. Where approved by the building official, where minor accessory uses do not occupy more than ten percent of the area of any floor of a building, the major use may be considered the building occupancy.
- 101.4 Amendments by Local Government: Except as provided in RCW 19.27A.020(7), this Code shall be the maximum and minimum energy code for Group R Occupancy in each town, city and county, no later than July 1, 1991. ((This Code shall be the minimum energy code for all other than Group R Occupancies in each town, city and county.))

AMENDATORY SECTION (Amending WSR 91-01-112, filed 12/19/90, effective 7/1/91)

#### WAC 51-11-0401 Scope.

401.1 General: This chapter establishes design criteria in terms of total energy use by a building, including all of its systems. Analysis of design for all Group R Occupancy shall comply with section 402.1 to 402.6. ((Analysis of design for other buildings shall comply with sections 402.2 to 402.6.))

Proposed [ 134 ]

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

#### WAC 51-11-0502 Building envelope requirements.

#### 502.1 General:

502.1.1: The stated U- or F-value of any component assembly, listed in Table 5-1 or 5-2, such as roof/ceiling, opaque wall or opaque floor may be increased and the U-value for other components decreased, provided that the total heat gain or loss for the entire building envelope does not exceed the total resulting from compliance to the U-values specified in this Section.

The U-values for typical construction assemblies are included in Chapter 10. These values shall be used for all calculations. Where proposed construction assemblies are not represented in Chapter 10, values shall be calculated in accordance with Chapters 19-27 in RS-1 listed in Chapter 7, using the framing factors listed in Chapter 10 where applicable.

For envelope assemblies containing metal framing, the U-value shall be determined by one of the following methods:

- 1. Results of laboratory or field measurements.
- 2. Standard RS-25, listed in Chapter 7, where the metal framing is bonded on one or both sides to a metal skin or covering.
- 3. The zone method as provided in Chapter 22 of RS-1, listed in Chapter 7.
- 4. Effective framing/cavity R-values as provided from the following table for metal stud walls:

WALL FRAMING	CAVITY	INSULATION
	R-11	R-19
2 x 4 @ 16" o.c.	5.50	-
2 x 4 @ 24" o.c.	6.60	_
2 x 6 @ 16" o.c.	•	7.60
2 x 6 @ 24" o.c.	-	8 55

- 502.1.2: For consideration of thermal mass effects, see section 402.4.
- 502.1.3: When return air ceiling plenums are employed, the roof/ceiling assembly shall:
- For thermal transmittance purposes, not include the ceiling proper nor the plenum space as part of the assembly;
   and
- b. For gross area purposes, be based upon the interior face of the upper plenum surface.

#### 502.1.4 Insulation:

502.1.4.1 General: All insulating materials shall comply with sections 1712 and/or 1713 of the Uniform Building Code. Substantial contact of the insulation with the surface being insulated is required. All insulation materials shall be installed according to the manufacturer's instructions to achieve proper densities, and maintain uniform R-values. To the maximum extent possible, insulation shall extend over the full component area to the intended R-value.

502.1.4.2 Insulation Materials: All insulation materials including facings such as vapor barriers or breather papers installed within floor/ceiling assemblies, roof/ceiling assemblies, walls, crawl spaces, or attics shall have a flame spread rating of less than twenty-five and a smoke density not to exceed four hundred fifty when tested in accordance with UBC Standard 42-1.

#### **EXCEPTIONS:**

- 1. Foam plastic insulation shall comply with section 1712 of the Uniform Building Code.
- 2. When such materials are installed in concealed spaces of Types III, IV, and V construction, the flame spread and smoke developed limitations do not apply to facing, provided that the facing is installed in substantial contact with the unexposed surface of the ceiling, floor, or wall finish.
- 3. Cellulose insulation shall comply with section 1713 of the Uniform Building Code.
- 502.1.4.3 Clearances: Where required, insulation shall be installed with clearances according to manufacturers specifications. Insulation shall be installed so that required ventilation is unobstructed. For blown or poured loose fill insulation clearances shall be maintained through installation of a permanent retainer.
- 502.1.4.4 Access Hatches and Doors: Access doors from conditioned spaces to unconditioned spaces (e.g., attics and crawl spaces) shall be weatherstripped and insulated to a level equivalent to the insulation on the surrounding surfaces. Access shall be provided to all equipment which prevents damaging or compressing the insulation. A wood framed or equivalent baffle or retainer must be provided when loose fill insulation is installed, the purpose of which is to prevent the loose fill insulation from spilling into the living space when the attic access is opened, and to provide a permanent means of maintaining the installed R-value of the loose fill insulation.
- 502.1.4.5 Roof/Ceiling Insulation: Open-blown or poured loose-fill insulation may be used in attic spaces where the slope of the ceiling is not more than three feet in twelve and there is at least thirty inches of clear distance from the top of the bottom chord of the truss or ceiling joist to the underside of the sheathing at the roof ridge. When eave vents are installed, baffling of the vent openings shall be provided so as to deflect the incoming air above the surface of the insulation. Baffles shall be, rigid material, resistant to wind driven moisture. Requirements for baffles for ceiling insulation shall meet the Uniform Building Code section 3205(c) for minimum ventilation requirements. When feasible, the baffles shall be installed from the top of the outside of the exterior wall, extending inward, to a point six inches vertically above the height of noncompressed insulation, and twelve inches vertically above loose fill insulation.
- 502.1.4.6 Wall Insulation: Insulation installed in exterior walls shall comply with the provisions of this section. All wall insulation shall fill the entire cavity. Exterior wall cavities isolated during framing shall be fully

insulated to the levels of the surrounding walls. All faced insulation shall be face stapled to avoid compression.

502.1.4.7 Floor Insulation: Floor insulation shall be installed in a permanent manner in substantial contact with the surface being insulated. Insulation supports shall be installed so spacing is no more than twenty-four inches on center. Foundation vents shall be placed so that the top of the vent is below the lower surface of the floor insulation.

EXCEPTION:

Insulation may be omitted from floor areas over heated basements, heated garages, or underfloor areas used as HVAC supply plenums. See Uniform Mechanical Code section 1008 for underfloor supply plenum requirements. When foundation walls are insulated, the insulation shall be attached in a permanent manner. The insulation shall not block the airflow through foundation vents when installed. When foundation vents are not placed so that the top of the vent is below the lower surface of the floor insulation, a permanently attached baffle shall be installed at an angle of thirty degrees from horizontal, to divert air flow below the lower surface of the floor insulation.

502.1.4.8 Slab-On-Grade: Slab-on-grade insulation, installed inside the foundation wall, shall extend downward from the top of the slab for a minimum distance of twenty-four inches or downward and then horizontally beneath the slab for a minimum combined distance of twenty-four inches. Insulation installed outside the foundation shall extend downward to a minimum of twenty-four inches or to the frostline. Above grade insulation shall be protected.

EXCEPTION: For monolithic slabs, the insulation shall extend downward from the top of the slab to the bottom of the footing.

502.1.4.9 Radiant Slabs: The entire area of a radiant slab shall be thermally isolated from the soil, with a minimum of R-10 insulation. The insulation shall be an approved product for its intended use. If a soil-gas control system is present below the radiant slab, which results in increased convective flow below the radiant slab, the radiant slab shall be thermally isolated from the sub-slab gravel layer.

#### 502.1.4.10 Below-Grade Walls:

- a. Below grade exterior wall insulation used on the exterior (cold) side of the wall shall extend from the top of the below-grade wall to the top of the footing and shall be approved for below-grade use. Above grade insulation shall be protected.
- b. Insulation used on the interior (warm) side of the wall shall extend from the top of the below-grade wall to the below- grade floor level.
- 502.1.5 Glazing and Door U-Values: For Group R Occupancy, glazing and door U-values shall be determined in accordance with section 502.1.5.1. ((For other occupancies, glazing and door U-values shall be determined in accordance with either section 502.1.5.1 or 502.1.5.2.))
- 502.1.5.1 Standard Procedure for Determination of Glazing and Door U-Values: U-values for glazing and doors, including all fire doors, shall be the tested U-values for thermal transmittance due to conduction resulting from either the AAMA 1503.1-88 test procedure or the ASTM C236-87 or C976-82 test procedures, provided that testing shall be conducted under established winter horizontal heat flow test conditions using fifteen mile per hour wind speed

directed perpendicular to the exterior surface of the glazing as specified under AAMA 1503.1-88.

AAMA 1503.1-88 testing, shall be conducted by a laboratory accredited by AAMA to perform that test. ASTM C236-87 or C976-82 testing shall be conducted by an independent laboratory accredited by a nationally recognized accreditation program, independent of that laboratory. All tested U-values reported for listing by the state building code council after January 1, 1991, shall include certification by the manufacturer of gas content in the sealed insulated glass unit used for testing and in the production unit.

Product samples tested shall be production line units or representative of units as purchased by the consumer or contractor. Product sample sizes tested shall be in accordance with AAMA 1503.1-88, except that skylights shall be tested with a nominal two foot by four foot size, or a nominal four foot by four foot size. The installation of the test sample shall be in accordance with AAMA 1503.1-88, section 8.4. All testing performed after January 1, 1991, shall not include screens. All glazing and doors shall be identified with a label that states an overall product U-value that is no less than the actual tested U-value. The labeled U-value shall be used in all calculations to determine compliance with this Code. Sealed insulating glass shall conform to, or be in test for, ASTM E-774-81 level A.

#### **EXCEPTIONS:**

- 1. The exterior frame dimensions of the product sample size tested shall not deviate by more than three inches from the height and width specified, except that skylights are allowed to be tested in the closest production line size to that specified above.
- 2. Passive air inlets are not required to be part of the tested assembly.
- 3. Products tested prior to December 31, 1990, to AAMA 1503.1- 80, ASTM C236-80 or C976-82 which are not in compliance with the test size requirement above, and which are in compliance with the product sample sizes in AAMA 1503.1-80, shall be acceptable until December 31, 1994.
- 4. Untested glazing and doors shall be assigned the default U-values listed in Chapter 10. The default values for the opaque portions of doors shall be those listed in Chapter 10, provided that the U-value listed for a door with a thermal break shall only be allowed if both the door and the frame have a thermal break.
- 5. The U-value of an insulated glazing product which has a 'grille pattern' installed between the glazing layers shall be deemed equal to the U-value of an insulated glazing product which is tested without a 'grille pattern' in between glazing layers, provided a minimum one-eighth inch air space exists between the 'grille pattern' and both glass lites.
- 6. For a glazing product which is manufactured with an alternative 'low-e coating' than the 'low-e coating' of the tested glazing product, the U-value shall be deemed equal provided that the alternative 'low-e coating' material has an equal or lower rated emissivity.

- 7. U-factors, either tested or simulated, labeled and certified in accordance with the National Fenestration Rating Council's (NFRC) procedure 100-91 are acceptable if based on model size AA.
- 502.1.5.2 ((Alternate Glazing and Door U Values for Other Than Group R Occupancy: Glazing U values for other than Group R Occupancy are also allowed to be taken from Table 13 of Chapter 27 of RS 1 listed in Chapter 7 or calculated in accordance with the procedures of Chapter 27 of RS 1 listed in Chapter 7 and door U values are also allowed to be taken from Table 6 in Chapter 22 of RS 1 listed in Chapter 7.)) Reserved.

#### 502.1.6 Moisture Control:

502.1.6.1: Vapor retarders shall be installed on the warm side (in winter) of insulation as specified in the following cases.

EXCEPTION: Vapor retarder installed with not more than one-third of the nominal R-value between it and the conditioned space.

- 502.1.6.2 Floors: Floors separating conditioned space from unconditioned space shall have a vapor retarder installed. The vapor retarder shall have a one perm dry cup rating or less (i.e., four mil. polyethylene or kraft faced material).
- 502.1.6.3: Roof/ceiling assemblies where the ventilation space above the insulation is less than an average of twelve inches shall be provided with a vapor retarder. Faced batt insulation where used as a vapor retarder shall be face stapled. Single rafter joist vaulted ceiling cavaties [cavities] shall be of sufficient depth to allow a minimum one inch vented air space above the insulation.
- 502.1.6.4: Vapor retarders shall not be required in roof/ceiling assemblies where the ventilation space above the insulation averages twelve inches or greater.
- 502.1.6.5: Vapor retarders shall not be required where all of the insulation is installed between the roof membrane and the structural roof deck.
- 502.1.6.6 Wall Insulation: Walls separating conditioned space from unconditioned space shall have a vapor retarder installed. Faced batt insulation shall be face stapled.
- 502.1.6.7 Ground Cover: A ground cover of six mil (0.006 inch thick) black polyethylene or approved equal shall be laid over the ground within crawl spaces. The ground cover shall be overlapped twelve inches minimum at the joints and shall extend to the foundation wall.

EXCEPTION: The ground cover may be omitted in crawl spaces if the crawl space has a concrete slab floor with a minimum thickness of three and one-half inches.

#### 502.2 Thermal Criteria for Group R Occupancy:

502.2.1: The proposed UA as calculated using Equations 2 and 3 shall not exceed the Target UA as calculated using Equation 1. For the purpose of determining equivalent thermal performance, the glazing area for the target UA shall be calculated using figures in Table 5-1, and all the glazing shall be located in the wall area. The opaque door area shall be the same in the target UA and the proposed UA.

- 502.2.2 Space Heat Type: The following two categories comprise all space heating types:
- 1. Electric Resistance: Space heating systems which include baseboard units, radiant units, and forced air units as either the primary or secondary heating system.

EXCEPTION: Electric resistance systems for which the total electric heat capacity in each individual dwelling unit does not exceed the greater of: 1) One thousand watts per dwelling unit, or; 2) One watt per square foot of the gross floor area.

- 2. Other: All gas, wood, oil, and propane space heating systems, unless electric resistance is used as a secondary heating system, and all heat pump space heating systems. (See EXCEPTIONS, Electric Resistance, section 502.2.2 above.)
- 502.3 ((Thermal Performance Criteria For Other Than Group R Occupancies.

502.3.1: The overall thermal transmittance value (U-) of the gross area of elements of the exterior building envelope of all buildings other than low rise residential buildings shall not exceed the values given in Tables 5.2. Equations 2, 4 and 5 shall be used to determine acceptable combinations of building components and thermal properties to meet this requirement for heating. U- and U-are specified in units of:



502.3.2 Slab on Grade Floors: For slab on grade floors the thermal resistance of the insulation around the perimeter of the floor shall not be less than the value given in Table 5-2.

502.3.3 Alternative Wall Allowance for Other Than Group R Occupancies: For other than Group R Occupancies, three stories or less, the maximum allowed value for average thermal transmittance (U<sub>s</sub>) of the exterior walls may be increased to the values given in Table 5-2 BUILDINGS OVER THREE CONDITIONED STORIES provided that at least one of the following criteria is also met:

- 1. Mechanical supply of outside air and mechanical exhaust of building air shall be automatically shut off and the duct closed for at least eight hours per day during hours of nonoccupancy, or
- 2. The primary source of heating for the building shall be one or more heat pumps meeting the provisions of section 503.4.2 or gas or oil combustion heating equipment with a minimum combustion efficiency of eighty five percent for central heating plants and eighty percent for room and space heaters. This efficiency shall be determined in accordance with the provisions of section 503.4.3.

Provided further: That if both criteria are met, the maximum allowed value for thermal transmittance (U') of the exterior walls used in Table 5.2 may be increased by 0.05 in determining compliance with the provisions of the Code.

For walls with a wall weight of at least thirty lbs. per ft (provided that walls constructed of hollow masonry units have cores filled with either grout, concrete, or with an insulating material with resistance per inch (R) of at least 2.25 ft /hr. °F/Btu) the calculated thermal resistance of the wall sections measured face to face on wall units which are exposed to inside air temperatures, not including the thermal resistance of air films or additional exterior wall elements may be increased by twenty five percent in determining compliance with the provisions of the code provided that:

Heating and cooling set point temperatures in the conditioned spaces or zones of the building shall be separated by at least five degrees F. The temperature control shall be designed to prevent new energy from being used to heat the space above the heating set point temperature or cool the space below the cooling set point temperature.)) Reserved.

502.4 Air Leakage for All Occupancies:

- 502.4.1: The requirements of this section shall apply to all buildings and structures, or portions thereof, and only to those locations separating outdoor ambient conditions from interior spaces that are heated or mechanically cooled.
- 502.4.2: Exterior doors and windows shall be designed to limit air leakage into or from the building envelope. Site-constructed doors and windows shall be sealed in accordance with Section 502.4.3.

502.4.3:

- a. Exterior joints around windows and door frames, openings between walls and foundation, between walls and roof and wall panels; openings at penetrations of utility services through walls, floors, and roofs; and all other openings in the building envelope for all occupancies and all other openings in between units in R-1 occupancy shall be sealed, caulked, gasketed, or weatherstripped to limit air leakage.
- b. All exterior doors or doors serving as access to an enclosed unheated area shall be weatherstripped to limit leakage around their perimeter when in a closed position.
- c. Site built windows are exempt from testing but shall be made tight fitting. Fixed lights shall have glass retained by stops with sealant or caulking all around. Operating sash shall have weatherstripping working against overlapping trim, and a closer/latch which will hold the sash closed. The window frame to framing crack shall be made tight with caulking, overlapping membrane, or other approved technique.
- d. Openings that are required to be fire resistive are exempt from this section.
- 502.4.4 Recessed Lighting Fixtures: When installed in the building envelope, recessed lighting fixtures shall meet one of the following requirements:
- 1. Type IC rated, manufactured with no penetrations between the inside of the recessed fixture and ceiling cavity and sealed or gasketed to prevent air leakage into the unconditioned space.
- 2. Type IC rated, installed inside a sealed box constructed from a minimum one-half inch thick gypsum

wall board, or constructed from a preformed polymeric vapor barrier, or other air tight assembly manufactured for this purpose.

3. Type IC rated, certified under ASTM E283 to have no more than 2.0 cfm air movement from the conditioned space to the ceiling cavity. The lighting fixture shall be tested at seventy-five Pascals or 1.57 lbs/ft² pressure difference and have a label attached, showing compliance.

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

#### WAC 51-11-0503 Building mechanical systems.

503.1 General: This section covers the determination of design requirements, system and component performance, control requirements, insulating systems and duct construction.

EXCEPTION:

Special applications, including but not limited to hospitals, laboratories, thermally sensitive equipment, and computer rooms may be exempted from the requirements of this section when approved by the building official.

- 503.2 Calculations of Heating and Cooling Loads, and System Sizing Limits: The design parameters specified in Chapter 3 shall apply for all computations.
- 503.2.1 Calculation Procedures: Heating and cooling design loads for the purpose of sizing HVAC systems are required and shall be calculated in accordance with accepted engineering practice, including infiltration and ventilation.
- 503.2.2 Space Heating and Space Cooling System Sizing Limits: Building mechanical systems for all buildings which provide space heating and/or space cooling shall be sized no greater than one hundred fifty percent of the heating and cooling design loads as calculated above.

**EXCEPTIONS:** 

The following limited exemptions from the sizing limit shall be allowed, however, in all cases heating and/or cooling design load calculations shall be submitted.

- 1. For equipment which provides both heating and cooling in one package unit, including heat pumps with electric heating and cooling and gas-pack units with gas heating and electric cooling, compliance need only be demonstrated for either the space heating or space cooling system size.
- 2. Natural gas- or oil-fired space heating equipment whose total rated space heating output in any one dwelling unit is fifty-six thousand Btu/h or less may exceed the one hundred fifty percent sizing limit provided that the installed equipment has an annual fuel utilization efficiency (AFUE) of not less than the sum of seventy-eight percent plus one percent for every five thousand Btu/h that the space heating equipment output exceeds the design heating load of the dwelling unit.
- 3. Stand-by equipment may be installed if controls and other devices are provided which allow redundant equipment to operate only when the primary equipment is not operating.
- 503.3 Simultaneous Heating and Cooling: Each temperature control zone shall include thermostatic controls installed and operated to sequence the use of heating and cooling energy to satisfy the thermal and/or humidity

requirement of the zone. Controls shall prevent reheating (heating air that is cooler than system mixed air), recooling (cooling air that is warmer than the system mixed air), mixing or simultaneous supply of warm air (warmer than system return air mixed air) and cold air (cooler than system mixed air), or other simultaneous operation of heating and cooling systems to one zone. For the purposes of this section, system mixed air is defined as system return air mixed with the minimum ventilation air requirement by section 303.

#### **EXCEPTIONS:**

- 1. Variable air volume systems designed to reduce the air supply to each zone during periods of occupancy to the larger of the following:
  - a. Thirty percent or less of the peak supply volume.
- b. The minimum allowed to meet ventilation requirements of section 303.
- c. 0.5 cfm/ft<sup>2</sup> of zone conditioned area before reheating, recooling or mixing takes place. Consideration shall be given to supply air temperature reset control.
- 2. The energy for reheating, or providing warm air in mixing systems, is provided entirely from recovered energy that would otherwise be wasted, or from renewable energy sources. In addition, the system shall comply with section 503.7 without exception.
- 3. Areas where specific humidity levels are required to satisfy process needs.
- 4. Where special pressurization relationships or crosscontamination requirements are such that variable air volume systems are impractical, supply air temperatures shall be reset by representative building load or outside air temperature.
  - 503.4 HVAC Equipment Performance Requirements:
  - 503.4.1 Equipment Components:
- 503.4.1.1: The requirements of this section apply to equipment and mechanical component performance for heating, ventilating and air-conditioning systems. Equipment efficiency levels are specified. Data furnished by the equipment supplier or certified under a nationally recognized certification program or rating procedure shall be used to satisfy these requirements. Equipment efficiencies shall be based on the standard rating conditions in Tables 5-4, 5-5 or 5-6 as appropriate.
- 503.4.1.2: Where components from more than one manufacturer are assembled into systems regulated under this section, compliance for each component shall be as specified in sections 503.4.2 through 503.4.6 of this Code.
- 503.4.2: HVAC System Heating Equipment Heat Pump-heating Mode. Heat pumps whose energy input is entirely electric shall have a coefficient of performance (COP) heating, not less than the values in Table 5-7. Heat Pumps with supplementary backup heat other than electricity shall meet the requirements of Table 5-7.
- 503.4.2.1: These requirements apply to, but are not limited to, unitary (central) heat pumps (air source and water

source) in the heating mode, water source (hydronic) heat pumps as used in multiple-unit hydronic HVAC systems, and heat pumps in the packaged terminal air-conditioner in the heating mode.

- 503.4.2.3 Supplementary Heater: The heat pump shall be installed with a control to prevent supplementary backup heater operation when the operating load can be met by the heat pump compression cycle alone.
- 503.4.2.4 Heat Pump Controls: Requirements for heat pump controls are listed in section 503.8.3.5 of this Code.
- 503.4.3 HVAC System Combustion Equipment: For Group R Occupancy, all gas, oil, and propane central heating systems shall have a minimum AFUE of 0.78°. All other Group R Occupancy heating equipment fueled by gas, oil, or propane shall be equipped with an intermittent ignition device, or shall comply with the efficiencies as required in the 1987 National Appliances Energy Conservation Act (Public Law 100-12). ((For all Other Occupancies, all gas and oil fired central heating plants shall have a minimum combustion efficiency of not less than that shown in Table 5-3.))
- HVAC Heating system efficiency trade-offs shall be made using Chapters 4 or 6 of this Code.
- 503.4.4 Packaged and Unitary HVAC System Equipment, Electrically Operated, Cooling Mode: HVAC system equipment as listed below, whose energy input in the cooling mode is entirely electric, shall have an energy efficiency ratio (EER) or a seasonal energy efficiency ratio (SEER) cooling not less than values in Table 5-8.
- 503.4.4.1: These requirements apply to, but are not limited to, unitary (central) and packaged terminal heat pumps (air source and water source); packaged terminal air conditioners.
- EXCEPTION: These requirements do not apply to equipment used for refrigerated food or florists' and nurseries' coolers.
- 503.4.5 ((Applied HVAC System Components, Electrically Operated, Cooling Mode: HVAC System components, as listed in Table 5.9, whose energy input is entirely electric, shall have an energy efficiency ratio (EER) or a Coefficient of Performance (COP) cooling not less than the values in Table 5.9.)) Reserved.
- 503.4.6 ((HVAC System Equipment Heat-Operated, Cooling Mode, Efficiency Limitation, Equipment: Heat-operated cooling equipment shall have a COP cooling not less than the values in Table 5-10:)) Reserved.
  - 503.5 ((Transport Energy:
- 503.5.1 All-air Systems: The air transport factor for each all air system shall be not less than 5.5. The factor shall be based on design system air flow for constant volume systems. The factor for variable air volume systems may be based on average conditions of operation. Energy for transfer of air through heat recovery devices shall not be included in determining the factor; however, such energy shall be included in the evaluation of the effectiveness of the heat recovery system.

Space-Sensible-Heat Removal\*

Air Transport Factor =

Supply + Return Fan(s) Power-Input\*

\*Expressed in Btu/h or watts

503.5.2 Other Systems: Air and water, all water and unitary systems employing chilled, hot, dual temperature or condenser water transport systems to space terminals shall not require greater transport energy (including central and terminal fan power and pump power) than an equivalent allair system providing the same space sensible heat removal and having an air transport factor not less than 5.5.)) Reserved.

503.6 Balancing: The HVAC system design shall provide a means for balancing air and water systems. Balancing the system shall include, but not be limited to, dampers, temperature and pressure test connections and balancing valves.

503.7 Cooling with Outdoor Air (Economizer Cycle): Each fan system shall be designed to use up to and including one hundred percent of the fan system capacity for cooling with outdoor air automatically whenever its use will result in lower usage of new energy. Activation of economizer cycle shall be controlled by sensing outdoor air enthalpy or outdoor air dry-bulb temperature alone or alternate means approved by the building official.

EXCEPTIONS: Cooling with outdoor air is not required under any one or more of the following conditions:

- 1. The fan system capacity is less than three thousand five hundred cfm or total cooling capacity is less than ninety thousand Btu/h.
- 2. The quality of the outdoor air is so poor as to require extensive treatment of the air and approval by the building official.
- 3. The need for humidification or dehumidification requires the use of more energy than is conserved by the outdoor air cooling on an annual basis.
- 4. The use of outdoor air cooling may affect the operation of other systems so as to increase the overall energy consumption of the building.
- 5. When energy recovered from an internal/external zone heat recovery system exceeds the energy conserved by outdoor air cooling on an annual basis.
- 6. When all space cooling is accomplished by a circulating liquid which transfers space heat directly or indirectly to a heat rejection device such as a cooling tower without use of a refrigeration system.
- 7. When the use of one hundred percent outside air will cause coil frosting, controls may be added to reduce the quantity of outside air. However, the intent of this exception is to use one hundred percent air in lieu of mechanical cooling when less energy usage will result and this exception applies only to direct expansion systems when the compressor is running.

503.8 Controls:

503.8.1 Temperature Control: Each system shall be provided with at least one adjustable thermostat for the

regulation of temperature. Each thermostat shall be capable of being set by adjustment or selection of sensors as follows:

- 503.8.1.1: When used to control heating only: Fifty-five degrees to seventy-five degrees F.
- 503.8.1.2: When used to control cooling only: Seventy degrees to eighty-five degrees F.
- 503.8.1.3: When used to control both heating and cooling, it shall be capable of being set from fifty-five degrees to eighty-five degrees F and shall be capable of operating the system heating and cooling in sequence. The thermostat and/or control system shall have an adjustable deadband of not less than ten degrees F.

503.8.2 Humidity Control: If a system is equipped with a means for adding moisture to maintain specific selected relative humidities in space or zones, a humidistat shall be provided. Humidistats shall be capable of being set to prevent new energy from being used to produce space-relative humidity above thirty percent.

EXCEPTION: Special occupancies requiring different relative humidities may be permitted when approved by the building official.

503.8.3 Zoning for Temperature Control:

503.8.3.1 One- and Two-Family Dwellings: At least one thermostat for regulation of space temperature shall be provided for each separate system. In addition, a readily accessible manual or automatic means shall be provided to partially restrict or shut off the heating and/or cooling input to each zone or floor.

503.8.3.2 Multifamily Dwellings: For multifamily dwellings, each individual dwelling unit shall have at least one thermostat for regulation of space temperature. A readily accessible manual or automatic means shall be provided to partially restrict or shut off the heating and/or cooling input to each room. Spaces other than living units shall meet the requirements of 503.8.3.3.

503.8.3.3 ((Other Types of Buildings or Occupancies: At least one thermostat for regulation of space temperature shall be provided for:

- 1. Each separate-system.
- 2. Each separate zone as defined in Chapter 2. As a minimum, each floor of a building shall be considered as a separate zone. In a multistory building where the perimeter system offsets only the transmission losses of the exterior wall, an entire side of uniform exposure may be zoned separately. A readily accessible manual or automatic means shall be provided to partially restrict or shut off the heating and/or cooling input to each floor.)) Reserved.

503.8.3.4 Control Setback and Shut-off:

1. Residential Occupancy Groups. One- and Two-Family and Multifamily dwellings—The thermostat required in section 503.8.3.1 or section 503.8.3.2, or an alternate means such as a switch or clock, shall provide a readily accessible, manual or automatic means for reducing the energy required for heating and cooling during the periods of non-use or reduced need, such as, but not limited to unoccupied periods and sleeping hours. Lowering thermostat set points to reduce energy consumption of heating systems

shall not cause energy to be expended to reach the reduced setting.

- 2. ((Other Buildings and Occupancies. Each HVAC system shall be equipped with a readily accessible, automatic means of shutting off or reducing the energy used for HVAC during periods of non use or alternate uses of the building spaces or zones served by the system. The following are examples that meet this requirement:
  - a. Manually adjustable automatic timing devices.
  - b. Automatic control systems.)) Reserved.
- 503.8.3.5 Heat Pump Controls: Programmable thermostats are required for all heat pump systems. The cut-on temperature for the compression heating shall be higher than the cut-on temperature for the supplementary heat, and the cut-off temperature for the compression heating shall be higher than the cut-off temperature for the supplementary heat. Heat pump thermostats will be capable of providing at least two programmable setback periods per day. The automatic setback thermostat shall have the capability of limiting the use of supplemental heat during the warm-up period.
- 503.9 Air Handling Duct System Insulation: Ducts, plenums and enclosures installed in or on buildings shall be thermally insulated per Table 5-11.

**EXCEPTIONS:** 

Duct insulation (except where required to prevent condensation) is not required in any of the following cases:

- 1. When the heat gain or loss of the ducts, without insulation, will not increase the energy requirements of the building.
- 2. Within the HVAC equipment.
- 3. Exhaust air ducts.
- 4. Supply or return air ducts installed in unvented crawl spaces with insulated walls, basements, or cellars in one-and two-family dwellings.
- 503.10 Duct Construction: All duct work shall be constructed in accordance with Standards RS-15, RS-16, RS-17, RS-18, RS-19 or RS-20, as applicable, and the Uniform Mechanical Code.
- 503.10.1: High-pressure and medium-pressure ducts shall be leak tested in accordance with the applicable standards in Chapter 7 of this Code with the rate of air leakage not to exceed the maximum rate specified in that standard.
- 503.10.2: When low-pressure supply air ducts are located outside of the conditioned space, all HVAC ductwork seams and joints, both longitudinal and transverse, shall be taped and sealed with products approved by the building official only. Ductwork joints shall be mechanically fastened with a minimum of three fasteners per joint for a cylindrical duct. Use Table 5- 11 for duct insulation requirements.
- 503.10.3: Requirements for Automatic or manual dampers are found in the Washington State Ventilation and Indoor Air Quality Code.
- 503.11 Piping Insulation: All piping installed to serve buildings (and within) shall be thermally insulated in accordance with Table 5-12. For service hot water systems see section 504.7. If water pipes are outside of conditioned

space then the pipe insulation requirement shall be R-3 minimum for non-recirculating hot and cold water pipes. For recirculating service hot and cold water pipes use Table 5-12 for pipe sizes and temperatures.

EXCEPTION: Piping insulation is not required within unitary HVAC equipment.

- 503.11.1 Other Insulation Thickness: Insulation thickness in Table 5-12 is based on insulation having thermal resistance in the range of 4.0 to 4.6 per inch of thickness on a flat surface at a mean temperature of seventy-five degrees F. Minimum insulation thickness shall be increased for materials having R-values less than 4.0 per inch, or may be reduced for materials having R-values greater than 4.6 per inch.
- a. For materials with thermal resistance greater than R = 4.6 per inch, the minimum insulation thickness may be reduced as follows:

4.6 x (Table 5-12 Thickness) = New Minimum Thickness
Actual Resistance

b. For materials with thermal resistance less than R = 4.0 per inch, the minimum insulation thickness shall be increased as follows:

4.0 x (Table 5-10 Thickness) = New Minimum Thickness
Actual Resistance

c. Additional insulation with vapor barriers shall be provided to prevent condensation where required by the building official.

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

# WAC 51-11-0505 ((Electrical power and lighting)) Reserved.

- ((505.1 General: Electrical distribution and lighting systems shall be designed for efficient distribution and use of electrical energy from the service entrance to and at the points of use as provided herein.
- 505.2 Lighting Switching: Switching for building lighting systems shall be designed and installed to permit efficient use of energy and to permit maximum flexibility in the use of the installed lighting. The following mandatory requirements represent the minimum lighting controls to be installed in any building. Additional controls should be provided where deemed appropriate and where the installation of such controls can significantly reduce energy consumption.
- a. All lighting controls, except automatic controls or those for special purpose applications which require trained operators or those which would pose a safety problem or a security hazard, shall be installed so as to be readily accessible to personnel occupying or using the lighting space.
- b. The maximum lighting power that may be controlled from a single-switch or automatic control shall not exceed that provided by a twenty ampere circuit loaded to no more than eighty percent. A master control may be installed provided the individual switches retain their capability to function independently.

- c. All lighted spaces enclosed by walls or ceiling height partitions and with floor area less than four hundred square feet shall be provided an individual lighting control or an occupant sensing automatic control.
- d. All lighted spaces with floor area greater than four hundred square feet shall be provided with controls to permit reducing the lighting by not more than one half or occupant-sensing automatic controls.
- e. All building areas greater than two hundred square feet where natural lighting is available shall be provided with individual controls or daylight or occupant sensing automatic controls which permit control of lights independent of general area lighting. Either individual controls shall be provided for each row of luminaires parallel to a window wall or controls shall be provided to reduce the lighting in at least two steps to not more than one half and to completely off in the natural lighting area. For office and school occupancies, at a minimum, lighting serving a zone within twelve feet of a window wall or the zone between an interior wall and the window wall of less than twelve feet shall comply with this provision. For retail occupancies, at least the row of luminaires nearest the window shall comply with this provision.
- f. All display, exhibition, or specialty lighting shall be controlled independently of general area lighting.
- g. All exterior building lighting including facade lighting, parking lots, driveways, walkways shall be furnished with automatic controls to reduce or turn off all lights during periods of non use or daylight hours, except those required for safety and security. Sign lights shall be exempt from this provision.
- 505.3 Lighting Power Budget: A lighting power budget is the upper limit of the power to be available to provide the lighting needs in accordance with the criteria and calculation procedure specified herein.

The lighting power budget for a building shall be the sum of the power limits computed for all lighted interior and exterior spaces and shall be determined in accordance with the procedures specified in this section.

- EXCEPTION: One and two family detached dwellings and the dwelling portion of multifamily buildings are exempt from the requirements of section 505.3.
- 505.3.1 Budget Development: The installed lighting wattage for the building project shall not exceed the budget level calculated in this section. The budget wattage level shall be the sum of the interior budget calculated and the exterior budget. Lighting wattage includes lamp and ballast wattage.
- 505.3.2 Building Interiors: The interior lighting budget shall be calculated by multiplying the gross conditioned floor area, in square feet, by the appropriate unit power budget, in watts per square foot, specified in Table 5 13.

For special conditions when approved by the building official, calculation based on Illuminating Engineering Society Unit Power Density or similar nationally recognized standards may be used.

The lighting power budget shall be based on the primary occupancy for which the space within the building is intended. If multiple occupancies are intended, the lighting power budget for each type of occupancy shall be separately calculated and summed to obtain the lighting budget for the interior spaces of the building. If a common circulation area serves multiple occupancies or multiple retail spaces, the lighting power budget for the common circulation area shall be the weighted average of the lighting power budgets for all other areas on that floor. In cases where a lighting plan for only a portion of a building is submitted, the interior lighting budget shall be based on the gross floor area covered by the plan.

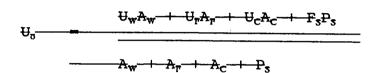
#### EXCEPTIONS:

- 1. Where the following automatic lighting controls are installed, for calculations used to determine code compliance, the installed lighting wattage may be reduced by the following percentages:
- a. For occupant sensing devices, energy-savings of thirty percent shall be allowed for any single space up to four hundred ft<sup>2</sup>-and enclosed by ceiling height partitions; classrooms, conference rooms, computer rooms, storage areas, corridors, or waiting rooms.
- b. For daylighting controls, energy savings of thirty percent for continuous dimming and twenty percent for stepped controls shall be allowed for any daylit space.
- c. For lumen maintenance controls, energy savings of ten-percent shall be allowed for any space.
- d. For daylighting controls with occupant sensing devices, energy savings of forty four percent shall be allowed for any single space up to four hundred ft<sup>2</sup>-within daylit spaces, and enclosed by ceiling height partitions.
- e. For occupant sensing devices with lumen maintenance controls, energy savings of thirty seven percent shall be allowed for any single space up to four hundred ft<sup>2</sup>-and enclosed by ceiling height partitions.
- 505.3.2.1: Lighting for the following applications shall be exempted from inclusion in the calculation of lighting power budgets:
- A. Stage lighting, entertainment, or audiovisual presentations where the lighting is an essential technical element for the function performed.
  - B. Lighting for medical-and-dental tasks.
- C. Lighting in areas specifically designed for visually handicapped people.
- D. For restaurant occupancies, lighting for kitchens and food preparation areas.
- 505.3.4 Building Exteriors: The exterior lighting budget shall be calculated by multiplying the building perimeter in feet by 7.5 watts per foot. Lighting for parking structures shall be calculated at 0.3 watts per gross square foot of parking area. An allowance for outdoor surface parking and circulation lighting may be added at 0.05 watts per ft<sup>2</sup> of area. Lighting for signs that are not an integral part of the building shall be exempted from inclusion in these calculations.))

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

WAC 51-11-0528 Equation 4—((Other than Group R Occupancy)) Reserved.

#### TARGET U.



#### Wherei

U<sub>s</sub> = the target combined thermal transmittance of the gross exterior wall, floor, and roof/ceiling assembly area.

Uw - the thermal transmittance value of the opaque above grade wall area found in Table 5-2.

Aw - opaque above grade wall-area.

U<sub>r</sub> the thermal transmittance value of the floor area found in Table 5-2.

A<sub>r</sub> - floor area over unconditioned space.

U<sub>c</sub> = the thermal transmittance value of the ceiling area found in Table 5-2.

Ac ceiling area.

F<sub>3</sub> = concrete slab component F-value found in Table 5-

P<sub>s</sub> = lineal ft. of concrete slab perimeter

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

WAC 51-11-0529 Equation 5—((Other than Group R-Occupancy)) Reserved.

PROPOSED Un

 $A_W + A_{BGW} + A_G + A_F + A_{RC} + A_{CC} + A_D + P_S$ 

#### Wheres

U<sub>0</sub> = the combined thermal transmittance of the gross exterior wall, floor, and roof/ceiling assembly area.

Uw - the thermal transmittance of the opaque wall area.

Unow - the thermal transmittance value of the below grade opaque wall area.

A<sub>now</sub> - opaque below grade wall area.

Aw - opaque wall area.

U<sub>d</sub> = the thermal transmittance of the glazing (window or skylight) area.

An -- glazing area, including windows in exterior doors.

U, --- the thermal transmittance of the floor area.

A<sub>r</sub> - floor area over unconditioned space.

U<sub>RC</sub> = the thermal transmittance of the roof/ceiling area.

A<sub>rc</sub> = roof/ceiling area.

U<sub>cc</sub> - the thermal transmittance of the cathedral ceiling area.

Acc - cathedral ceiling area.

Un - thermal transmittance value of opaque door area.

A<sub>n</sub> - opaque door area.

F<sub>s</sub> = concrete slab component F-factor.

P. lineal ft. of concrete slab perimeter.

NOTE: Where more than one type of wall, window, roof/ceiling, door, and skylight is used, the U and A terms for those items shall be expanded into sub-elements as:

 $U_{w_1}A_{w_2} + U_{w_2}A_{w_2} + U_{w_3}A_{w_3} + \dots etc.$ 

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92) WAC 51-11-0531 Table 5-2—Reserved.

# COMPONENT REQUIREMENTS FOR OTHER THAN GROUP R OCCUPANCIES

Zone -	Ceilings	Walls (Inclu — Glazin	<del>des</del>	Sla	<del>b on</del> - <del>Grade<sup>l</sup></del>	
	- <del>U</del> 5		U <sub>0</sub>		alled Insta	alle
<del></del>	0.035	0.25	0.05	7	0.56	
<del> </del>	0.035	0.20	0.05	10	0.54	
	lation shall use.	be water-	<del>resistant</del>	material	manufactured 1	f <del>or</del>
	<del>-use.</del>		-resistant -THREE CON			for
-this	<del>-use.</del>	INGS OVER	THREE CON	DITIONED 6	<del>TORIES</del>	for
-this	BUILDI Ceilings	Walls (Inclu	THREE CON	DITIONED 6	PTORIES  b on Grade <sup>1</sup> lled Instal	
-this	BUILD: Ceilings	Walls (Inclu Glazin	THREE CON Floors des	Sla  Finsta  R-Value	DONIES  DON Grade  Iled Instal F-Value	

this use.

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92) WAC 51-11-0532 Table 5-3—Reserved.

#### OTHER-THAN GROUP R OCCUPANCY HVAC SYSTEM-HEATING EQUIPMENT - GAS- AND OIL-FIRED MINIMUM STEADY STATE COMBUSTION EFFICIENCY

	Furnaces of Capacity of 225,000 Btu/h and less Boilers of Capacities of 300,000 Btu/h and less	All Other  Commercial/ Industrial Furnace and Boilers
Types of Equipment	Percent!	Percent <sup>2</sup>
Forced-air furnaces -low-pressure steam -hot-water boilers		<del>75</del>
Gravity -central furnaces	69	
All other vented heating equipment	69	
<pre>- less and boilers - tested in accorda - furnace test proce - 2 Combustion efficie</pre>	ency for furnaces of capacities of capacities of 300,000 Btu nce with the applicable U.S. edures. ency of commercial/industrial percent minus stack losses	/h and less shall be Department of Energy  furnaces and boilers
<del>Loss due to</del> <del>Loss due t</del> o	sensible heat in dry flue go incomplete combustion. sensible and latent heat in of hydrogen in the fuel.	

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92) WAC 51-11-0538 Table 5-9—Reserved.

#### MINIMUM EFFICIENCY FOR ELECTRIC HVAC COMPONENTS1,2 WATER CHILLING PACKAGES CONDENSING MEANS WATER AIR -EVAP. COMPRESSOR TYPE OF COP EER COP EER COP COMPONENT TYPE Condenser Centrifugal or-rotary 8.00 2.34 13.80 4.04 Included-Reciprocating 8.40 2.36 12.00 3.51 Condenserless Reciprocating 9.90 2.90 12.00 3.51 Compressor-and condenser units 65,000 Btu/hr (19,000-watts) --Positive and over displacement 9.50 2.78 12.50 3.66 12.50 <del>3.66</del> HYDRONIC HEAT PUMPS Water source-under 65,000 Btu/hr Centrifugal <del>(19,000 watts)</del> or rotary 9.00--2.64Water source-65,000-Btu/hr (19,000 watts) **Centrifugal** and over -or rotary $\frac{-9.40-2.75}{}$ !- When-tested at the standard rating conditions specified in Table 5-6.

2 Ratings in accordance with Standard RS-14 as applicable.

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92) WAC 51-11-0539 Table 5-10—Reserved.

1-electrical auxiliary inputs excluded

# HEAT SOURCE HEAT SOURCE MINIMUM COP Direct Fired ( gas, oil ) 0.48 Indirect Fired ( steam, hot water ) 0.68 Net Cooling Output Total heat input!

#### AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

WAC 51-11-0540 Table 5-11.

## TABLE 5-11 INSULATION OF DUCTS

DUCT LOCATION	CLIMATE ZONE	INSULATION TYPES MECHANICALLY COOLED	INSULATION TYPES INSULATING ONLY	CROUP R OCCUPANCY HEATING OR COOLING DUCTS
On roof or on exterior of building	<del>I</del>	C, V <sup>2</sup> and W D, V <sup>2</sup> and W	<del>C and W</del> <del>D and W</del>	E and W D and W
Attic, garage, crawl space, in walls!, in floor/ceiling!	<del>I</del>	B and V <sup>2</sup> C and V <sup>2</sup>	<del>B</del> <del>C</del>	윤 윤
Within the conditioned space or in heated basements		<del>None</del> <del>Required</del>	None Required	<del>None</del> <del>Required</del>
In cement slab or in ground		A	B	B

Note: Where ducts are used for both heating and cooling, the minimum insulation shall be as required for the most restrictive condition.

- insulation shall be as required for the most restrictive condition.

  Insulation may be omitted on that portion of a duct which is located within a wall or floor ceiling space where both sides of this space are exposed to conditioned air and where this space is not ventilated or otherwise exposed to unconditioned air.
- Vapor barriers shall be installed on conditioned air supply ducts in geographic areas where the average of the July, August, and September mean dewpoint temperature exceeds 60°F.

INSULATION TYPES: Minimum densities and out-of-package thickness.

- A. 0.5-inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket or equivalent to provide an installed total thermal resistance of at least R-2.
- B. 2 inch 0.60 lb/cu. ft. mineral or glass fiber-blanket 1.5 inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket. 1.5 inch 3 to 7 lb/cu. ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-5.
- c. 3-inch 0.60 lb/cu. ft. mineral or glass fiber blanket 2-inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket. 2-inch 3 to 7 lb/cu. ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-7.
- 10. 4-inch 0.60-lb/cu. ft. mineral or glass fiber blanket 3-inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket. 3-inch 3 to 7 lb/cu. ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-10.
- E. 3.5 inch 0.60 lb/cu.ft. mineral or glass fiber blanket, 2.5 inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-8.
- v. Vapor barrier, with perm rating not greater than 0.5 perm, all joints sealed.
- W. Approved weatherproof barrier.

### TABLE 5-11 INSULATION OF DUCTS

DUCT LOCATION	CLIMATE ZONE	GROUP R OCCUPANCY HEATING OR COOLING DUCTS
On roof or on exterior of building	Ī	E and W D and W
Attic, qarage, crawl space, in walls', in floor/ceiling'	I I	<u>E</u> <u>E</u>
Within the conditioned space or in heated basement		<u>None</u> Required
In cement slab or in ground		<u>B</u>

Note: Where ducts are used for both heating and cooling, the minimum insulation shall be as required for the most restrictive condition.

Insulation may be omitted on that portion of a duct which is located within a wall or floor-ceiling space where both sides of this space are exposed to conditioned air and where this space is not ventilated or otherwise exposed to unconditioned air.

Vapor barriers shall be installed on conditioned air supply ducts in geographic areas where the average of the July, August, and September mean dewpoint temperature exceeds 60°F.

## INSULATION TYPES: Minimum densities and out-of-package thickness.

- A. 0.5-inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket or equivalent to provide an installed total thermal resistance of at least R-2.
- B. 2-inch 0.60 lb/cu. ft. mineral or glass fiber blanket 1.5-inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket. 1.5-inch 3 to 7 lb/cu. ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-5.
- C. 3-inch 0.60 lb/cu. ft. mineral or glass fiber blanket 2-inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket. 2-inch 3 to 7 lb/cu. ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-7.
- D. 4-inch 0.60 lb/cu. ft. mineral or glass fiber blanket 3-inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber blanket. 3-inch 3 to 7 lb/cu. ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-10.
- E. 3.5 inch 0.60 lb/cu.ft. mineral or glass fiber blanket, 2.5 inch 1.5 to 2 lb/cu. ft. duct liner, mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-8.
- V. Vapor barrier, with perm rating not greater than 0.5 perm, all joints sealed.
- W. Approved weatherproof barrier.

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

WAC 51-11-0542 Table 5-13—Reserved.

TABLE 5-13 LIGHTING POWER BUDGET (Reserved)

GROUP OCCUPANCY	<u>DESCRIPTION</u>	POWER BUDG
A	<del>Assembly w/stage</del>	1.1
	Stage lighting	<b>Exempt</b>
	Assembly w/o stage; other than B and	<del>1.1</del>
	<del>-</del>	
B		<del>1.7</del>
	Gasoline service station	<del>0.3</del>
	<del>Storage garages</del>	<del>1.7</del>
	Office buildings	<del>2.0</del>
	Wholesale stores	<del>1.7</del>
	Police and fire stations	
	Retail stores:	4.0
	<del>less than 6000 ft</del> 2	<del>3.0</del>
	<del>6000 to 20,000 ft<sup>2</sup></del>	<del>2.0</del>
	<del>over-20,000 ft</del> 2	<del>-1.85</del>
	Drinking and dining establishments	<del>Exempt</del>
	Food preparation task light	<del>0.7</del>
	Aircraft hangars - storage	<del>1.0</del>
	<del>Process plants</del> 4	<del>1.7</del>
	Factories and work shops4	<del>0.7</del>
	<del>Storage structures</del>	
Æ	•	<del>1.7</del>
	Schools and daycare centers	<del>Exempt</del>
	Audio-visual presentation lighting	
Ħ		<del>0.7</del>
	<del>Storage structures</del>	<del>1.7</del>
	<del>Handling areas</del>	<del>2.5</del>
	<del>Paint shops</del>	<del>1.7</del>
	<del>Auto repair shops</del>	<del>1.7</del>
	Aircraft repair hangars	
Ŧ	-	<del>1.7</del>
	<del>Institutions</del>	<del>1.7</del>
	Administrative support areas	
	Diagnostic, treatment, food	<del>Exempt</del>
_	service task lighting	
<del>R</del>	• •	<del>Exempt</del>
	<del>Dwelling units</del>	<b>Exempt</b>
	Food preparation task lighting	-

<sup>-</sup> Watts/ft2 of room may be increased by two percent per foot of height above 20 feet.

<sup>2—</sup>Emergency exit lighting is exempt from interior lighting budget.

Lighting that is part of machines or equipment is exempt from this budget.

AMENDATORY SECTION (Amending WSR 91-01-112, filed 12/19/90, effective 7/1/91)

#### WAC 51-11-0601 Scope.

601.1 General: This chapter establishes design criteria in terms of prescribed requirements for building construction.

The provisions of this chapter are applicable to all Occupancies. Occupancies shall comply with all the requirements of Chapter 5 except for the modifications herein specified.

The building envelope requirements of this chapter may be met by installing one of the prescriptive packages in Tables 6-1 to 6-6 for Group R Occupancy((, or Table 6-7 for Other Occupancies)). Installed components shall meet the requirements of section 602 and 605. Compliance with nominal R-Values shall be demonstrated for the thermal resistance of the added insulation in framing cavities and/or insulated sheathing only and shall not include the thermal transmittance of other building materials or air films, but shall permit interruption by occasional framing members.

AMENDATORY SECTION (Amending WSR 91-01-112, filed 12/19/90, effective 7/1/91)

# WAC 51-11-0605 ((Building envelope requirements for other than Group R occupancies)) Reserved.

((605.1 Opaque Envelope Criteria: Roof/ceilings, exterior walls, floors over unconditioned space, below grade walls, and slab on grade floors enclosing heated spaces shall be insulated to not less than the nominal R value specified for roof/ceilings, exterior walls, floors over unconditioned space, below grade walls, and slab on grade floors, respectively, in Table 6 7. Roof/ceilings enclosing mechanically cooled spaces shall be insulated to not less than the nominal R value specified for roof/ceilings in Table 6 7.

605.2 Glazing Criteria: All glazing shall be, at a minimum, double glazing. Insulating glass with at least one half inch air space or approved storm sash will be considered as complying. The total glazing area shall not exceed the percentage of gross exterior wall area specified in Table 67.

EXCEPTION: Single glazing in doors may be installed provided that the glazing area is doubled for the purpose of demonstrating compliance with the glazing area requirements.

605.3 Air Leakage: All buildings shall comply with the air leakage requirement of section 502.4.))

AMENDATORY SECTION (Amending WSR 91-01-112, filed 12/19/90, effective 7/1/91)

WAC 51-11-0606 ((Building mechanical systems requirements for other than Group R-occupancies))
Reserved. ((All building mechanical systems shall comply with the requirements of section 503.))

AMENDATORY SECTION (Amending WSR 91-01-112, filed 12/19/90, effective 7/1/91)

WAC 51-11-0607 ((Service water heating requirement for other than Group R occupancies)) Reserved. ((All service water heating systems shall comply with the requirements of section 504.))

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

WAC 51-11-0608 ((Electrical power and lighting requirements for other than Group R occupancies))
Reserved. ((All electrical power and lighting systems shall comply with the requirements of section 505.))

Proposed [ 152 ]

AMENDATORY SECTION (Amending WSR 92-01-140, filed 12/19/91, effective 7/1/92)

WAC 51-11-0631 Table 6-7-Reserved.

TABLE 6-7 (Reserved) OTHER THAN GROUP R OCCUPANCIES PRESCRIPTIVE REQUIREMENTS

KEQUIKEMENIO								
COMPONENT	ZONE I	ZONE II						
SPACE CONDITIONING								
SYSTEM TYPE	ANY	ANY						
ROOF/CEILINGS	R-30	<del>R-30</del>						
EXTERIOR WALLS	R-11	R-11						
FLOORS OVER								
UNCONDITIONED SPACE	R-11	<del></del>						
BELOW-GRADE-WALLS	R-4	<del>R-5</del>						
SLAB ON GRADE FLOORS 1	R-7	R-10						
CLAZING TYPE		Double <sup>2</sup>						
MAXIMUM TOTAL GLAZING AREA		_						
(% of Gross Exterior Wall Area)	32%	<del>22%</del>						

- Insulation shall be a water-resistant material, manufactured
  for its
- intended use, and installed to manufacturer's specifications.
- 2—'Double' denotes a minimum air space between glazings of 1/2 inch.

#### CHAPTER 11 ADMINISTRATION AND ENFORCEMENT

#### **NEW SECTION**

WAC 51-11-1101 Section 1101--Scope and general requirements.

1101.1 Title: Chapters 11 through 20 of this Code shall be known as the "Washington State Nonresidential Energy Code" and may be cited as such; and will be referred to hereafter as "this Code."

1101.2 Purpose and Intent: The purpose of this Code is to provide minimum standards for new or altered buildings and structures or portions thereof to achieve efficient use and conservation of energy.

The purpose of this Code is not to create or otherwise establish or designate any particular class or group of persons who will or should be especially protected or benefitted by the terms of this Code. It is intended that these provisions provide flexibility to permit the use of innovative approaches and techniques to achieve efficient use and conservation of energy. These provisions are structured to permit compliance with the intent of this Code by any one of the following three paths of design:

- a. A systems analysis approach for the entire building and its energy-using sub-systems which may utilize renewable energy sources; Chapter 14.
- b. A component performance approach for various building elements and mechanical systems and components; Chapter 15.
  - c. A prescriptive requirements approach; Chapter 16.

Compliance with any one of these approaches meets the intent of this Code. This Code is not intended to abridge any safety or health requirements required under any other applicable codes or ordinances.

The provisions of this Code do not consider the efficiency of various energy forms as they are delivered to the building envelope. A determination of delivered energy efficiencies in conjunction with this Code will provide the most efficient use of available energy in new building construction.

1101.3 Scope: This Code sets forth minimum requirements for the design of new or altered buildings and structures or portions thereof that provide facilities or shelter for public assembly, educational, business, mercantile, institutional, storage, factory, and industrial occupancies by regulating their exterior envelopes and the selection of their HVAC, service water heating, electrical distribution and illuminating systems and equipment for efficient use and conservation of energy.

Buildings shall be designed to comply with the requirements of either Chapter 14, 15, or 16 of this Code.

1101.3.1 Application to Existing Buildings: Additions, historic buildings, changes of occupancy or use, and alterations or repairs shall comply with the requirements in the subsections below.

**Exception:** The building official may approve designs of alterations or repairs which do not fully conform with all of the requirements of this Code where in the opinion of the building official full compliance is physically impossible and/or economically impractical and:

- 1. The alteration or repair improves the energy efficiency of the building; or
- 2. The alteration or repair is energy efficient and is necessary for the health, safety, and welfare of the general public.

In no case shall building envelope requirements or mechanical system requirements be less than those requirements in effect at the time of the initial construction of the building.

1101.3.1.1 Additions to Existing Buildings: Additions to existing buildings or structures may be made to such buildings or structures without making the entire building or structure comply, provided that the new additions shall conform to the provisions of this Code.

Exception: New additions which do not fully comply with the requirements of this Code and which have a floor area which is less than seven hundred fifty square feet shall be approved provided that improvements are made to the existing occupancy to compensate for any deficiencies in the new addition. Compliance shall be demonstrated by either systems analysis or component performance calculations. The nonconforming addition and upgraded, existing occupancy shall have an energy budget or heat loss which is less than or equal to the unimproved existing building, with the addition designed to comply with this Code.

1101.3.1.2 Historic Buildings: The building official may modify the specific requirements of this Code for historic buildings and require in lieu thereof alternate requirements which will result in a reasonable degree of energy efficiency. This modification may be allowed for those buildings which have been specifically designated as historically significant by the state or local governing body, or listed in The National Register of Historic Places or which have been determined to be eligible for listing.

#### 1101.3.1.3 Change of Occupancy or Use:

- a. Any Other than Group R Occupancy which is presently unconditioned where the occupancy or use is changed to require conditioning shall be required to be brought into full compliance with this Code.
  - b. (Reserved)

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- c. Any Group R Occupancy which is converted to Other than Group R Occupancy shall be required to comply with all of the provisions of this Code if either new or increased heating or cooling is provided.
- d. All Occupancies, which are converted from a Group R Occupancy or an Other than Group R Occupancy or use, to a new Other than Group R Occupancy or use shall comply with the lighting standards set forth in this Code unless the existing lighting is not altered.
- 1101.3.1.4 Alterations and Repairs: All alterations and repairs to buildings or portions thereof originally constructed subject to the requirements of this Code shall conform to the provisions of this Code without exception. For all other existing buildings, initial tenant alterations shall comply with the new construction requirements of this Code. Other alterations and repairs may be made to existing buildings and moved buildings without making the entire building comply with all of the requirements of this Code for new buildings, provided the following requirements are met:
- 1101.3.1.5 Building Envelope: The result of the alterations or repairs both:
  - a. Improves the energy efficiency of the building, and
- b. Complies with the overall average thermal transmittance values of the elements of the exterior building envelope in Table 15-1, 15-2a, or 15-2b of Chapter 15, or the nominal R-values and glazing requirements in Table 15-2a or 15-2b or of the reference case in Tables 16-1 to 16-6.

#### **Exceptions:**

- 1. Untested storm windows may be installed over existing glazing for an assumed U-factor of 0.90, however, where glass and sash are being replaced in Other than Group R Occupancy buildings of 10,000 square feet or less, glazing with a maximum area weighted average U-factor of 0.40 shall be installed where there is an electric resistance space heating system and glazing with a maximum U-factor of 0.65 (Climate Zone I) and 0.60 (Climate Zone II) shall be installed where there is any other space heating system.
- 2. Where the structural elements of the altered portions of roof/ceiling, wall or floor are not being replaced, these elements shall be deemed to comply with this Code if all existing framing cavities which are exposed during construction are filled to the full depth with batt insulation or insulation having an equivalent nominal R-value while, for roof/ceilings, maintaining the required space for ventilation. Existing walls and floors without framing cavities need not be insulated. Existing roofs shall be insulated to the requirements of this Code if
- a. The roof is uninsulated or insulation is removed to the level of the sheathing, or
- b. All insulation in the roof/ceiling was previously installed exterior to the sheathing or nonexistent.
- 3. For Other than Group R occupancy, new glazing need not comply with the shading coefficient as long as it is equal to or lower than that of the other existing glazing. It shall not be higher than the shading coefficient of other existing glazing unless the glazing area, U-factor, and shading coefficient all comply with one of the packages listed in Table 15-2a or 15-2b.
- 1101.3.1.6 Building Mechanical Systems: Those parts of systems which are altered or replaced shall comply with Section 1503 of this Code.

1101.3.1.7 Service Water Heating: Those parts of systems which are altered or replaced shall comply with Section 1504 of this Code.

1101.3.1.8 Lighting: Remodeling of a floor or a tenant space in which more than 50 percent of the fixtures are new or replaced shall require compliance of a lighting power allowance of Section 1505. Other remodeling of any size area when reusing existing fixtures and/or adding new ones shall not require compliance with the lighting power allowance as long as the installed wattage is maintained or reduced.

Compliance with switching requirements of Section 1505.4 is only required when new wiring is being run related to adding fixtures and/or fixtures are being relocated to a new circuit.

1101.3.2 Mixed Occupancy: When a building houses more than one occupancy, each portion of the building shall conform to the requirements for the occupancy housed therein. Where approved by the building official, where minor accessory uses do not occupy more than ten percent of the area of any floor of a building, the major use may be considered the building occupancy.

1101.4 Amendments By Local Government: This Code shall be the minimum energy Code for all Other than Group R Occupancies in each town, city, and county.

#### **NEW SECTION**

WAC 51-11-1102 Section 1102--Materials and equipment.

1102.1 Identification: All materials and equipment shall be identified in order to show compliance with this Code.

1102.2 Maintenance Information: Required regular maintenance actions shall be clearly stated and incorporated on a readily accessible label. Such label may be limited to identifying, by title or publication number, the operation and maintenance manual for that particular model and type of product. Maintenance instructions shall be furnished for any equipment which requires preventive maintenance for efficient operation.

#### **NEW SECTION**

WAC 51-11-1103 Section 1103--Alternate materials-Method of construction, design or insulating system. The provisions of this Code are not intended to prevent the use of any material, method of construction, design or insulating system not specifically prescribed herein, provided that such construction, design or insulating system has been approved by the building official as meeting the intent of this Code. The building official may approve any such alternate provided he finds the proposed alternate meets or exceeds the provisions of this Code and that the material, method, design, or work offered is for the purpose intended, at least the equivalent of that prescribed in this Code, in quality, strength, effectiveness, fire-resistance, durability, safety, and efficient use and conservation of energy. The building official may require that sufficient evidence of proof be submitted to substantiate any claims that may be made regarding performance capabilities.

#### **NEW SECTION**

WAC 51-11-1104 Section 1104--Plans and specification.

1104.1 General: If required by the building official, plans and specifications shall be submitted in support of an application for a building permit. If required by the building official, plans and specifications shall be stamped and authenticated by a registered design professional currently licensed in the state of Washington. If required by the building official, all energy calculations submitted under the provisions of Chapter 14 for Other than Group R Occupancy shall be stamped and authenticated by an engineer or architect licensed to practice by the state. All plans and specifications, together with supporting data, shall be submitted to the building official prior to issuance of a building permit.

1104.2 Details: The plans and specifications shall show in sufficient detail all pertinent data and features of the building and the equipment and systems as herein governed including, but not limited to: Design criteria; exterior envelope component materials, U-factors of the envelope systems, R-values of insulating materials; U-factors and shading coefficients of glazing; efficiency, size and type of apparatus and equipment; fan system horsepower; equipment and systems controls; lighting fixture schedule with wattages and controls narrative; and other pertinent data to indicate compliance with the requirements of this Code.

#### **NEW SECTION**

WAC 51-11-1105 Section 1105--Inspections and enforcement.

1105.1 General: All construction or work for which a permit is required shall be subject to inspection by the building official and all such construction or work shall remain accessible and exposed for inspection purposes until approved by the building official.

1105.2 Approvals Required: No work shall be done on any part of the building or structure beyond the point indicated in each successive inspection without first obtaining the approval of the building official.

1105.3 Required Inspections: The building official, upon notification, shall make the inspection required in this section, in addition to or as part of those inspections required in Section 305(e) of the Uniform Building Code.

1105.3.1 Wall Insulation Inspection: To be made after all wall insulation and air vapor retarder sheet or film materials are in place, but before any wall covering is placed.

1105.3.2 Glazing Inspection: Inspection shall include glazing assembly U-factor and shading coefficient.

1105.3.3 Final Inspection: There shall be a final inspection and approval for buildings when completed and ready for occupancy. Where applicable, the inspection shall include at least:

- a. Lighting power allowance and controls.
- b. Electrical motor efficiencies.
- c. Mechanical equipment efficiencies.
- d. Economizers.
- e. Thermostat (type and location).

- f. Total fan hp.
- g. Pipe and duct insulation.

1105.4 Reinspection: The building official may require a structure to be reinspected.

#### **NEW SECTION**

WAC 51-11-1106 Section 1106--Severability. If any provision of this Code or its application to any person or circumstance is held invalid, the remainder of this Code or the application of the provision to other persons or circumstances is not affected.

#### **NEW SECTION**

WAC 51-11-1107 Section 1107--Violations. It shall be a violation of this Code for any person, firm, or corporation to erect or construct any building, or remodel or rehabilitate any existing building or structure in the state, or allow the same to be done, contrary to any of the provisions of this Code.

#### **NEW SECTION**

WAC 51-11-1108 Section 1108--Conflicts with other codes. In addition to the requirements of this Code, all occupancies shall conform to the provisions included in the State Building Code (chapter 19.27 RCW), Uniform Building Code and Standards Adoption and Amendment rules (chapter 51-16 WAC), and the State Ventilation and Indoor Air Quality Code (chapter 51-13 WAC). In case of conflicts among Codes enumerated in RCW 19.27.031 (1), (2), (3), and (4) and this Code, the first named Code shall govern over the following. Provided, in the case of conflict between the duct insulation requirements of this Code and the duct insulation requirements of Section 1005 of the Uniform Mechanical Code, the duct insulation requirements of this Code, or where applicable, a local jurisdiction's energy Code shall govern.

Where, in any specific case, different sections of this Code specify different materials, methods of construction or other requirements, the most restrictive shall govern. Where there is a conflict between a general requirement and a specific requirement, the specific requirement shall be applicable.

#### **NEW SECTION**

WAC 51-11-1109 Section 1109--Liability. Nothing contained in this Code is intended to be nor shall be construed to create or form the basis for any liability on the part of any city or county or its officers, employees or agents for any injury or damage resulting from the failure of a building to conform to the provisions of this Code.

# **CHAPTER 12 DEFINITIONS**

#### **NEW SECTION**

#### WAC 51-11-1201 Section 1201--General definitions.

1201.1 Application of Terms: For the purposes of this Code, certain abbreviations, terms, phrases, words and their derivatives, shall be as set forth in this chapter. Where terms are not defined, they shall have their ordinary accepted meanings within the context with which they are used. In the event there is a question about the definition of a term, the definitions for terms in the Codes enumerated in RCW 19.27.031 and the edition of Webster's Dictionary referenced therein shall be considered as the sources for providing ordinarily accepted meanings.

AAMA: American Architectural Manufacturers Association.

ADDITION: See the Uniform Building Code.

ADVANCED FRAMED CEILING: See Section 2007.2 of this Code.

ADVANCED FRAMED WALLS: See Section 2005.2 of this Code.

AFUE - ANNUAL FUEL UTILIZATION EFFI-CIENCY: Unlike steady state conditions, this rating is based on average usage including on and off cycling as set out in the standardized department of energy test procedures.

AHAM: Association of Home Appliance Manufacturers.

AIR CONDITIONING, COMFORT: The process of treating air to control simultaneously its temperature, humidity, cleanliness, and distribution to meet requirements of the conditioned space.

ARI: Air Conditioning and Refrigeration Institute.

**ASHRAE:** American Society of Heating, Refrigerating and Air Conditioning Engineers, Inc.

ASTM: American Society for Testing and Materials.

AUTOMATIC: Self-acting, operating by its own mechanism when actuated by some impersonal influence, as for example, a change in current strength, pressure, temperature, or mechanical configuration. (See Manual.)

**BELOW GRADE WALLS:** Walls or the portion of walls which are entirely below the finished grade or which extend two feet or less above the finish grade.

**BOILER CAPACITY:** The rate of heat output in Btu/h measured at the boiler outlet, at the design inlet and outlet conditions, and rated fuel/energy input.

**BUILDING, EXISTING:** See the Uniform Building Code.

**BUILDING ENVELOPE:** The elements of a building which enclose conditioned spaces through which thermal energy may be transferred to or from the exterior or to or from spaces exempted by the provisions of Section 1502.

**BUILDING OFFICIAL:** The official authorized to act in behalf of a jurisdiction code enforcement agency or its authorized representative.

**BUILDING PROJECT:** A building or group of buildings, including on-site energy conversion or electric-generating facilities, which utilize a single submittal for a construction permit or are within the boundary of a contiguous area under one ownership.

CONDITIONED FLOOR AREA: (See Gross Conditioned Floor Area.)

**CONDITIONED SPACE:** A cooled space, heated space, or indirectly conditioned space.

COOLED SPACE: An enclosed space within a building that is cooled by a cooling system whose sensible capacity

a. exceeds 5 Btu/(h·ft<sup>2</sup>) or

b. is capable of maintaining space dry bulb temperature of 90 degrees F. or less at design cooling conditions.

COP - COEFFICIENT OF PERFORMANCE: The ratio of the rate of net heat output(heating mode) or heat removal(cooling mode) to the rate of total on-site energy input to the heat pump, expressed in consistent units and under designated rating conditions. (See Net Heat Output, Net Heat Removal, Total On-Site Energy Input.)

#### **DAYLIGHTED ZONE:**

a. Under skylights: The area under each skylight whose horizontal dimension, in each direction, is equal to the skylight dimension in that direction plus either the floor to ceiling height or the dimension to an opaque partition, or one-half the distance to an adjacent skylight or vertical glazing, whichever is least.

b. At vertical glazing: The area adjacent to vertical glazing which receives daylighting from the glazing. For purposes of this definition and unless more detailed daylighting analysis is provided, the daylighting zone depth is assumed to extend into the space a distance of 15 feet or to the nearest ceiling height opaque partition, whichever is less. The daylighting zone width is assumed to be the width of the window plus either two feet on each side (the distance to an opaque partition) or one-half the distance to an adjacent skylight or vertical glazing whichever is least.

DAYLIGHT SENSING CONTROL (DS): A device that automatically regulates the power input to electric lighting near the glazing to maintain the desired workplace illumination, thus taking advantage of direct or indirect sunlight.

**DEADBAND:** The temperature range in which no heating or cooling is used.

**DEFAULT ASSUMPTION:** See Section 1902 of this Code.

**DOOR AREA:** Total area of door measured using the rough opening and including the door and frame.

**DWELLING UNIT:** See the Uniform Building Code. **ECONOMIZER:** See Section 1503.7.1 of this Code. **EER - ENERGY EFFICIENCY RATIO:** The ratio of net equipment cooling capacity in Btu/h to total rate of electric input in watts under designated operating conditions.

EFFICIENCY, HVAC SYSTEM: The ratio of useful energy (at the point of use) to the energy input for a designated time period, expressed in percent.

**EMISSIVITY:** The ability to absorb infrared radiation. A low emissivity implies a higher reflectance of infrared radiation.

ENERGY: The capacity for doing work; taking a number of forms which may be transformed from one into another, such as thermal (heat), mechanical (work), electrical and chemical; in customary units, measured in kilowatt-hours (kWh) or British thermal units (Btu). (See New Energy.)

ENERGY, RECOVERED: (See Recovered Energy.) EXTERIOR ENVELOPE: (See Building Envelope.) EXTERIOR WALLS: (See Walls (Exterior).)

**FACADE AREA:** Visible gross exterior surface areas of a building, not including the roof areas.

FLOOR OVER UNCONDITIONED SPACE: A floor which separates a conditioned space from an unconditioned space which is buffered from exterior ambient conditions including vented crawl spaces and unconditioned basements or other similar spaces, or exposed to exterior ambient conditions including open parking garages and enclosed garages which are mechanically ventilated.

F-FACTOR: The perimeter heat loss factor expressed in Btu/hr-ft-°F.

**GLAZING:** All areas, including the frames, in the shell of a conditioned space that let in natural light including windows, skylights, sliding or swinging glass doors, and glass block walls.

GLAZING AREA: Total area of the glazing measured using the rough opening, and including the glazing, sash, and frame. For doors where the daylight opening area is less than fifty percent of the door area, the glazing area is the daylight opening area. For all other doors, the glazing area is the door area.

GROSS CONDITIONED FLOOR AREA: The horizontal projection of that portion of interior space which is contained within exterior walls and which is conditioned directly or indirectly by an energy-using system, and which has an average height of five feet or greater, measured from the exterior faces.

GROSS EXTERIOR WALL AREA: The normal projection of the building envelope wall area bounding interior space which is conditioned by an energy-using system; includes opaque wall, window and door areas. The gross area of walls consists of all opaque wall areas, including foundation walls, between floor spandrels, peripheral edges of floors, window areas including sash, and door areas, where such surfaces are exposed to exterior ambient conditions and enclose a conditioned space including interstitial areas between two such spaces. (See Below Grade Walls.)

GROSS FLOOR AREA: The sum of the areas of the several floors of the building. Floor areas of basements; cellars; and mezzanine and intermediate floored tiers and penthouses of headroom height, which are measured from the exterior faces of exterior walls or from the center line of walls separating buildings are included. Floor areas of covered walkways; open roofed-over areas; porches and similar spaces; and pipe trenches, exterior terraces or steps, chimneys, roof overhangs, and similar features are excluded.

GROSS ROOF/CEILING AREA: A roof/ceiling assembly shall be considered as all components of the roof/ceiling envelope through which heat flows, thus creating a building transmission heat loss or gain, where such assembly is exposed to exterior ambient conditions and encloses a conditioned space. The assembly does not include those components that are separated from a heated and/or cooled space by a vented airspace. The gross area of a roof/ceiling assembly consists of the total interior surface of such assembly, including skylights.

GUEST ROOM: See the Uniform Building Code.

**HEAT:** The form of energy that is transferred by virtue of a temperature difference.

**HEAT STORAGE CAPACITY:** The physical property of materials (mass) located inside the building envelope to absorb, store, and release heat.

HEATED SPACE: An enclosed space within a building, including adjacent connected spaces separated by an uninsulated component (e.g., basements, utility rooms, garages, corridors), which is heated by a heating system whose output capacity.

a. (Fully Heated) is capable of maintaining a space drybulb temperature of at least 45 degrees F., at design heating conditions.

or

b. (Semi-Heated) exceeds 8 Btu/(h·ft<sup>2</sup>)in Zone 1 and 12 Btu/(h·ft<sup>2</sup>) in Zone 2 but cannot maintain a space dry-bulb temperature of more than 44 degrees F. at design heating conditions.

HSPF - HEATING SEASON PERFORMANCE FACTOR: The total heating output (in Btu) of a heat pump during its normal annual usage period for heating divided by the total (watt hour) electric power input during the same period, as determined by test procedures consistent with the United States Department of Energy "Test Procedure for Central Air Conditioners, Including Heat Pumps" published in the December 27, 1979, Federal Register, Vol. 44, No. 24, 10 C.F.R. 430. When specified in Btu per watt hour an HSPF of 6.826 is equivalent to a COP of 2.0.

**HUMIDISTAT:** A regulatory device, actuated by changes in humidity, used for automatic control of relative humidity.

HVAC: Heating, ventilating, and air conditioning.

HVAC SYSTEM EFFICIENCY: (See Efficiency, HVAC System.)

INDIRECTLY CONDITIONED SPACE: An enclosed space within the building that is not a heated or cooled space, whose area weighted heat transfer coefficient to heated or cooled spaces exceeds that to the outdoors or to unconditioned spaces; or through which air from heated or cooled spaces is transferred at a rate exceeding three air changes per hour. Enclosed corridors between conditioned spaces shall be considered as indirectly conditioned space (See Heated Space, Cooled Space, and Unconditioned Space.)

**INFILTRATION:** The uncontrolled inward air leakage through cracks and interstices in any building element and around windows and doors of a building caused by the pressure effects of wind and/or the effect of differences in the indoor and outdoor air density.

INSULATION BAFFLE: A rigid material, resistant to wind driven moisture, the purpose of which is to allow air to flow freely into the attic or crawl space and to prevent insulation from blocking the ventilation of these spaces, or the loss of insulation. Example materials for this purpose are sheet metal or wax impregnated cardboard.

#### **INSULATION POSITION:**

- a. Exterior Insulation Position: A wall having all or nearly all of its mass exposed to the room air with the insulation on the exterior of the mass.
- b. Integral Insulation Position: A wall having mass exposed to both room and outside air, with substantially equal amounts of mass on the inside and outside of the insulation layer.

c. Interior Insulation Position: A wall not meeting either of the above definitions; particularly a wall having most of its mass external to the insulation layer.

IPLV - INTEGRATED PART-LOAD VALUE: (See ARI and CTI references in Tables 15-4, 15-5, 15-6, 15-10, and 15-11.)

**LUMINAIRE:** A complete lighting unit consisting of a lamp or lamps together with the parts designed to distribute the light, to position and protect the lamps, and to connect the lamps to the electric power supply.

**MANUAL:** Capable of being operated by personal intervention. (See **Automatic**.)

**NET HEAT OUTPUT:** The change in the total heat content of the air entering and leaving the equipment (not including supplementary heat and heat from boilers).

**NET HEAT REMOVAL:** The total heat content of the air entering and leaving the equipment (without heat) or the difference in total heat content of the water or refrigerant entering and leaving the component.

**NEW ENERGY:** Energy, other than recovered energy, utilized for the purpose of heating or cooling. (See **Energy**.)

NFPA: National Fire Protection Association.

NFRC: National Fenestration Rating Council.

NOMINAL R-VALUE: The thermal resistance of insulation as specified by the manufacturer according to recognized trade and engineering standards.

NONRENEWABLE ENERGY SOURCES: All energy sources that are not renewable energy sources including natural gas, oil, coal, wood, liquefied petroleum gas, steam, and any utility-supplied electricity.

**OCCUPANCY:** See the Uniform Building Code.

OCCUPANCY SENSOR: A device that detects the presence or absence of occupants within an area, causing any combination of lighting, equipment, or appliances to be turned on or shut off.

**OPAQUE ENVELOPE AREAS:** All exposed areas of a building envelope which enclose conditioned space, except openings for windows, skylights, doors, glazing, and building service systems.

**OPEN BLOWN:** Loose fill insulation pneumatically installed in an unconfined attic space.

**OUTSIDE AIR:** Air taken from the outdoors and, therefore, not previously circulated through the system.

**PERMEANCE (PERM):** The ability of a material of specified thickness to transmit moisture in terms of amount of moisture transmitted per unit time for a specified area and differential pressure (grains per hour · ft<sup>2</sup> · inches of HG). Permeance may be measured using ASTM E-96-72 or other approved dry cup method as specified in RS-1.

**POOL COVER:** A vapor-retardant cover which lies on or at the surface of the pool.

POWER: In connection with machines, the time rate of doing work. In connection with the transmission of energy of all types, the rate at which energy is transmitted; in customary units, it is measured in watts (W) or British Thermal Units per hour (Btu/h).

**PRESCRIBED ASSUMPTION:** See Section 1902 of this Code.

**PROCESS ENERGY:** Energy consumed in support of a manufacturing, industrial, or commercial process other than the maintenance of building comfort or amenities for building occupants.

**RADIANT FLOOR:** A floor assembly, on grade or below, containing heated pipes, ducts, or electric heating cables that constitute a floor or portion thereof for complete or partial heating of the structure.

**READILY ACCESSIBLE:** See the Uniform Mechanical Code.

**RECOOLING:** The removal of heat by sensible cooling of the supply air (directly or indirectly) that has been previously heated above the temperature to which the air is to be supplied to the conditioned space for proper control of the temperature of that space.

**RECOVERED ENERGY:** Energy utilized which would otherwise be wasted (i.e. not contribute to a desired end use) from an energy utilization system.

**REHEAT:** The application of sensible heat to supply air that has been previously cooled below the temperature of the conditioned space by either mechanical refrigeration or the introduction of outside air to provide cooling.

**RENEWABLE ENERGY SOURCES:** Renewable energy sources of energy

(excluding minerals) are derived from: (1) Incoming solar radiation, including but not limited to, natural daylighting and photosynthetic processes; (2) energy sources resulting from wind, waves and tides, lake or pond thermal differences; and (3) energy derived from the internal heat of the earth, including nocturnal thermal exchanges.

**RESET:** Adjustment of the set point of a control instrument to a higher or lower value automatically or manually to conserve energy.

ROOF/CEILING ASSEMBLY: (See Gross Roof/Ceiling Area.)

**SEER - SEASONAL ENERGY EFFICIENCY RATIO:** The total cooling output of an air conditioner during its normal annual usage period, in Btu's, divided by the total electric energy input in watt-hours, during the same period, as determined by 10 C.F.R., Part 430.

SEMI-HEATED SPACE: Subcategory of Heated Space. (See Heated Space.)

**SEQUENCE:** A consecutive series of operations.

**SERVICE SYSTEMS:** All energy-using systems in a building that are operated to provide services for the occupants or processes housed therein, including HVAC, service water heating, illumination, transportation, cooking or food preparation, laundering, or similar functions.

**SERVICE WATER HEATING:** Supply of hot water for domestic or commercial purposes other than comfort heating.

**SHADED:** Glazed area which is externally protected from direct solar radiation by use of devices permanently affixed to the structure or by an adjacent building, topographical feature, or vegetation.

SHADING COEFFICIENT: The ratio of solar heat gain occurring through glazing, with or without integral shading devices, to the solar heat gain occurring through unshaded, 1/8-inch

thick, clear, double-strength glass.

Solar Heat Gain through glazing
SC = ----Solar Heat Gain

Note: Heat gains to be compared under the same conditions. See Chapter 26 of Standard RS-1, listed in Chapter 17 of this Code.

SHALL: Denotes a mandatory Code requirement.

SINGLE FAMILY: One and two family residential

dwelling units with no more than two units in a single building.

**SKYLIGHT:** A glazing surface that has a slope of less than sixty degrees from the horizontal plane.

**SLAB-BELOW-GRADE:** Any portion of a slab floor in contact with the ground which is more than twenty-four inches below the final elevation of the nearest exterior grade.

**SLAB-ON-GRADE:** Any portion of a slab floor in contact with the ground which is less than or equal to twenty-four inches below the final elevation of the nearest exterior grade.

SOLAR ENERGY SOURCE: Source of natural daylighting and of thermal, chemical, or electrical energy derived directly from conversion of incident solar radiation.

STANDARD FRAMING: All framing practices not defined as "intermediate" or "advanced" shall be considered standard. (See Advanced Framed Ceiling, Advanced Framed Walls, Intermediate Framed Wall.)

SUBSTANTIAL CONTACT: A condition where adjacent building materials are placed in a manner that proximal surfaces are contiguous, being installed and supported as to eliminate voids between materials, without compressing or degrading the thermal performance of either product.

**SYSTEM:** A combination of central or terminal equipment or components and/or controls, accessories, interconnecting means, and terminal devices by which energy is transformed so as to perform a specific function, such as HVAC, service water heating, or illumination.

**TAPERING:** Installation of a reduced level of ceiling insulation at the eaves, due to reduced clearance.

THERMAL BY-PASS: An area where the envelope surrounding the conditioned space is breached, or where an ineffective application compromises the performance of a thermal or infiltration barrier, increasing the structure's energy consumption by exposing finished surfaces to ambient conditions and additional heat transfer.

THERMAL CONDUCTANCE (C): Time rate of heat flow through a body (frequently per unit area) from one of its bounding surfaces to the other for a unit temperature difference between the two surfaces, under steady conditions (Btu/hr·ft<sup>2</sup>·°F).

THERMAL RESISTANCE (R): The reciprocal of thermal conductance (hr·ft<sup>2</sup>·°F/Btu).

THERMAL TRANSMITTANCE (U): The coefficient of heat transmission (air to air). It is the time rate of heat flow per unit area and unit temperature difference between the warm side and cold side air films (Btu/hr·ft<sup>2</sup>·°F). (See Section 1502 of this Code and Standard RS-1 for calculation procedures.)

THERMOSTAT: An automatic control device actuated by temperature and designed to be responsive to temperature.

TOTAL ON-SITE ENERGY INPUT: The combination of all the energy inputs to all elements and

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accessories as included in the equipment components, including but not limited to, compressor(s), compressor sump heater(s), circulating pump(s), purge devices, fan(s), and the HVAC system component control circuit.

U-FACTOR: (See Thermal Transmittance.)

UNCONDITIONED SPACE: Space within a building that is not a conditioned space. (See Conditioned Space.)

UNIFORM BUILDING CODE (UBC): The Washington State Uniform Building Code as modified by the Washington State Building Code Council.

UNIFORM MECHANICAL CODE (UMC): The Washington State Uniform Mechanical Code as modified by the Washington State Building Code Council.

UNIFORM PLUMBING CODE (UPC): The Washington State Uniform Plumbing Code as modified by the Washington State Building Code Council.

VAPOR RETARDER: A layer of low moisture transmissivity material (not more than 1.0 perm dry cup) placed over the warm side (in winter) of insulation, over the exterior of below grade walls, and under floors as ground cover to limit the transport of water and water vapor through exterior walls, ceilings, and floors. Vapor retarding paint, listed for this application, also complies with this Code.

**VAULTED CEILINGS:** All ceilings where enclosed joist or rafter space is formed by ceilings applied directly to the underside of roof joists or rafters.

**VENTILATION:** The process of supplying or removing air by natural or mechanical means to or from any space. Such air may or may not have been conditioned.

**VENTILATION AIR:** That portion of supply air which comes from outside (outdoors) plus any recirculated air that has been treated to maintain the desired quality of air within a designated space.

WALLS (EXTERIOR): Any member or group of members which defines the exterior boundaries or courts of a building and which have a slope of sixty degrees or greater with the horizontal plane, and separates conditioned from unconditioned space. Band joists between floors are to be considered a part of exterior walls.

**ZONE:** A space or group of spaces within a building with heating and/or cooling requirements sufficiently similar so that comfort conditions can be maintained throughout by a single controlling device. Each dwelling unit in residential buildings shall be considered a single zone.

#### CHAPTER 13 DESIGN CONDITIONS

#### **NEW SECTION**

WAC 51-11-1301 Section 1301--Design criteria.

1301.1 General: The criteria of this chapter establish the design conditions upon which the minimum thermal design requirements of the building envelope and the design of the HVAC system are to be based.

1301.2 Heating and Cooling: A building that is designed to be both heated and cooled shall meet the more stringent of the heating or cooling requirements as required in this Code when requirements of the exterior envelope differ.

#### **NEW SECTION**

WAC 51-11-1302 Section 1302--Thermal design parameters.

1302.1 Exterior Design Conditions: The heating or cooling outdoor design temperatures shall be selected from 0.6 percent column for winter and 0.5 percent column for summer from the Puget Sound Chapter of ASHRAE publication "Recommended Outdoor Design Temperatures, Washington State, ASHRAE." (See also Washington State Energy Code Manual.)

1302.2 Interior Design Conditions

1302.2.1 Indoor Design Temperature: Indoor design temperature shall be 70 degrees F. for heating and 75 degrees F. for cooling.

**Exception:** Other design temperatures may be used for equipment selection if it results in a lower energy usage.

1302.2.2 Humidification: If humidification is provided during heating, it shall be designed for a maximum relative humidity of thirty percent. When comfort air conditioning is provided, the actual design relative humidity within the comfort envelope as defined in Standard RS-4, listed in Chapter 17, shall be selected for minimum total HVAC system energy use.

**1302.3 Climate Zones:** All buildings shall comply with the requirements of the appropriate climate zone as defined herein.

ZONE 1: Climate Zone 1 shall include all counties not included in Climate Zone 2.

ZONE 2: Climate Zone 2 shall include: Adams, Chelan, Douglas, Ferry, Grant, Kittitas, Lincoln, Okanogan, Pend Oreille, Spokane, Stevens, and Whitman counties.

#### **NEW SECTION**

WAC 51-11-1303 Section 1303—Mechanical ventilation. For all occupancies, the minimum requirements for ventilation shall comply with the Washington State Ventilation and Indoor Air Quality Code (chapter 51-13 WAC).

# CHAPTER 14 BUILDING DESIGN BY SYSTEMS ANALYSIS

#### **NEW SECTION**

WAC 51-11-1401 Section 1401--Scope.

1401.1 General: This chapter establishes design criteria in terms of total use by a building, including all of its systems. General principles are outlined in this chapter. Specific modeling assumptions are listed in Chapter 19.

The building permit application for projects utilizing this chapter shall include in one submittal all building and mechanical drawings and all information necessary to verify that the design for the project corresponds with the annual energy analysis. If credit is proposed to be taken for lighting energy savings, then electrical drawings shall also be included with the building permit application.

Due to the various assumptions that are necessary, the results of the analysis shall not be construed as a guarantee of the actual energy performance of the project.

#### **NEW SECTION**

#### WAC 51-11-1402 Section 1402--Systems analysis.

1402.1 Energy Analysis: Compliance with this chapter will require an analysis of the annual energy usage, hereinafter called an annual energy analysis.

**Exception:** Chapter 15 of this Code establishes criteria for different energy-consuming and enclosure elements of the building which, if followed, will eliminate the requirement for an annual systems energy analysis, while meeting the intent of this Code.

A building designed in accordance with this chapter will be deemed as complying with this Code, if the calculated annual energy consumption is not greater than that of a corresponding "standard design," as defined below and in Chapter 19, whose enclosure elements and energy-consuming systems are designed in accordance with Chapter 15. Buildings shall only vary from those requirements in Chapter 15, where those variations have been accurately and completely modeled. Where variations from Chapter 15 requirements are not specifically analyzed, the building shall be designed in accordance with Chapter 15, including control requirements.

For a proposed building design to be considered similar to a "standard design," it shall utilize the same energy source(s) for the same functions and have equal floor area and the same ratio of envelope area to floor area, environmental requirements, occupancy, climate data, and usage operational schedule. Inputs to the energy analysis relating to occupancy and usage shall correspond to the expected occupancy and usage of the building.

Except as noted below, the systems identified, and, to the extent possible, the assumptions made in assigning energy inputs to each system, shall be the same for the standard design and the proposed design. When electrically driven heat pumps, other than multiple units connected to a common water loop, are employed to provide all or part of the heat for the proposed design, the standard design shall also, for the purposes of the analysis, assume that electrically driven heat pump, in conformance with Section 1503 and having capacity at least as great as those used in the proposed design are employed.

- 1402.2 Design: The standard design, conforming to the criteria of Chapter 15 and the proposed design shall be designed on a common basis as specified herein:
- a. The comparison shall be expressed as kBtu or kWh input per square foot of conditioned floor area per year at the building site.
- b. If the proposed design results in an increase in consumption of one energy source and a decrease in another energy source, even though similar sources are used for similar purposes, the difference in each energy source shall be converted to equivalent energy units for purposes of comparing the total energy used. If energy consumption for heating, provided by natural gas or oil, increases because of a decrease in lighting or other electrical internal loads, the

amount of additional natural gas or oil energy required shall be multiplied by the efficiency given in Tables 15-3, 15-12, and 15-13, as part of the conversion into equivalent energy units.

- 1402.3 Analysis Procedure: The analysis of the annual energy usage of the standard and the proposed building and system design shall meet the following criteria:
- a. The building heating/cooling load calculation procedure used for annual energy consumption analysis shall be detailed to permit the evaluation of effect of factors specified in Section 1402.4.
- b. The calculation procedure used to simulate the operation of the building and its service systems through a full-year operating period shall be detailed to permit the evaluation of the effect of system design, climatic factors, operational characteristics, and mechanical equipment on annual energy usage. Manufacturer's data or comparable field test data shall be used when available in the simulation of systems and equipment. The calculation procedure shall be based upon 8,760 hours of operation of the building and its service systems and shall utilize the design methods, specified in Standards RS-1, -11, -12, and -13 listed in Chapter 17 or in other programs approved by the building official.
- 1402.4 Calculation Procedure: The calculation procedure shall cover the following items:
- a. Design requirements—Environmental requirements as required in Chapter 13.
- b. Climatic data—Coincident hourly data for temperatures, solar radiation, wind, and humidity of typical days in the year representing seasonal variation.
- c. Building data—Orientation, size, shape, mass, air, and heat transfer characteristics.
- d. Operational characteristics—Temperature, humidity, ventilation, illumination, control mode for occupied and unoccupied hours.
- e. Mechanical equipment—Design capacity, part load profile.
- f. Building loads—Internal heat generation, lighting, equipment, number of people during occupied and unoccupied periods.

#### **Exceptions:**

- 1. (Reserved)
- 2. Proposed designs for Other than Group R Occupancy having an area of 25,000 square feet or less are exempt from the full-year energy analysis described in the second paragraph of 1402.3. However, comparison of energy consumption between the proposed design and the standard design shall be provided based on one of the programs suggested in Chapter 18 for these buildings.
- 1402.5 Documentation: All analyses submitted shall be accompanied by an energy analysis comparison report. The report shall provide technical detail on the two building and system designs and on the data used in and resulting from the comparative analysis to verify that both the analysis and the designs meet the criteria of Chapter 14 of this Code.

The calculation procedure for the standard design and the proposed design shall separately identify the calculated annual energy consumption for each different occupancy type, if possible, for each of the following end uses:

a. Interior lighting;

- b. Parking lighting;
- c. Exterior lighting;
- d. Space heating;
- e. Space cooling;
- f. Interior ventilation/fans;
- g. Parking ventilation/fans;
- h. Exhaust fans;
- i. Service water heating;
- j. Elevators; and
- k. Appliances.

Energy consumption of the following items shall be included but is not required to be separated out by each individual item:

- a. Office equipment;
- b. Refrigeration other than comfort cooling;
- c. Cooking; and
- d. Any other energy-consuming equipment.

The specifications of the proposed building project used in the analysis shall be as similar as is reasonably practical to those in the plans submitted for a building permit.

# CHAPTER 15 BUILDING DESIGN BY COMPONENT PERFORMANCE APPROACH

#### **NEW SECTION**

WAC 51-11-1501 Section 1501--Scope.

1501.1 General: This chapter covers requirements for building envelope, mechanical systems, service water heating, and electric power and lighting.

#### **NEW SECTION**

WAC 51-11-1502 Section 1502--Building envelope requirements.

1502.1 General: Buildings or portions thereof, which are heated or cooled, shall be constructed so as to provide the required thermal performance of the various components. Buildings or portions thereof, which are designed to be both heated and cooled, shall meet the more stringent of the heating or cooling requirements, as provided in this Code, when requirements of the exterior envelope differ.

Exception: Greenhouses isolated from any conditioned space and not intended for occupancy.

1502.1.1: The stated U-factor or F-factor of any component assembly, listed in Table 15-1, 15-2a, or 15-2b, such as roof/ceiling, opaque wall, opaque door, glazing, slab on grade floor, radiant floors, or opaque floor may be increased and the U-factor for other components decreased, provided that the total heat gain or loss for the entire building envelope does not exceed the total resulting from compliance to the U-factors specified in this section.

The U-factors for typical construction assemblies are included in Chapter 20. These values shall be used for all calculations. Where proposed construction assemblies are not represented in Chapter 20, values shall be calculated in accordance with Chapter 19-27 in RS-1 listed in Chapter 17, using the framing factors listed in Chapter 20.

For envelope assemblies containing metal framing, the U-factor shall be determined by one of the following methods:

- 1. Results of laboratory measurements.
- 2. Standard RS-25, listed in Chapter 17, where the metal framing is bonded on one or both sides to a metal skin or covering.
- 3. The zone method as provided in Chapter 22 of RS-1, listed in Chapter 17.
- 4. Effective framing/cavity R-values as provided in Table 20-5.
- 1502.1.2: For consideration of thermal mass effects, for Other than Group R Occupancy, see Chapter 14.
- 1502.1.3: When return air ceiling plenums are employed, the roof/ceiling assembly shall:
- a. For thermal transmittance purposes, not include the ceiling proper nor the plenum space as part of the assembly;
   and
- b. For gross area purposes, be based upon the interior ce of the upper plenum surface.

#### 1502.1.4 Insulation

1502.1.4.1 General: All insulating materials shall comply with Sections 1713 and/or 1714 of the Uniform Building Code. Substantial contact of the insulation with the surface being insulated is required. All insulation materials shall be installed according to the manufacturer's instructions to achieve proper densities, and maintain uniform R-values. To the maximum extent possible, insulation shall extend over the full component area to the intended R-value.

1502.1.4.2 Insulation Materials: All insulation materials including facings such as vapor retarders or breather papers installed within floor/ceiling assemblies, roof/ceiling assemblies, walls, crawl spaces, or attics shall have a flame spread rating of less than twenty-five and a smoke density not to exceed four hundred fifty when tested in accordance with UBC Standard 42-1.

#### **Exceptions:**

- 1. Foam plastic insulation shall comply with Section 1713 of the Uniform Building Code.
- 2. When such materials are installed in concealed spaces of Types III, IV, and V construction, the flame spread and smoke developed limitations do not apply to facing, provided that the facing is installed in substantial contact with the unexposed surface of the ceiling, floor, or wall finish.
- 3. Cellulose insulation shall comply with Section 1714 of the Uniform Building Code.
- 1502.1.4.3 Clearances: Where required, insulation shall be installed with clearances according to manufacturers specifications. Insulation shall be installed so that required ventilation is unobstructed. For blown or poured loose fill insulation clearances shall be maintained through installation of a permanent retainer.

1502.1.4.4 Access Hatches and Doors: Access doors from conditioned spaces to unconditioned spaces (e.g., attics and crawl spaces) shall be weatherstripped and insulated to a level equivalent to the insulation on the surrounding surfaces. Access shall be provided to all equipment which prevents damaging or compressing the insulation. A wood framed or equivalent baffle or retainer must be provided when loose fill insulation is installed, the purpose of which

is to prevent the loose fill insulation from spilling into the living space when the attic access is opened, and to provide a permanent means of maintaining the installed R-value of the loose fill insulation.

1502.1.4.5 Roof/Ceiling Insulation: Open-blown or poured loose-fill insulation may be used in attic spaces where the slope of the ceiling is not more than three feet in twelve and there is at least thirty inches of clear distance from the top of the bottom chord of the truss or ceiling joist to the underside of the sheathing at the roof ridge. When eave vents are installed, baffling of the vent openings shall be provided so as to deflect the incoming air above the surface of the insulation. Baffles shall be rigid material. resistant to wind-driven moisture. Requirements for baffles for ceiling insulation shall meet Uniform Building Code Section 3205(c) for minimum ventilation requirements. When feasible, the baffles shall be installed from the top of the outside of the exterior wall, extending inward, to a point six inches vertically above the height of noncompressed insulation, and twelve inches vertically above loose fill insulation.

When 50 percent or more of the lighting fixtures are recessed into a suspended ceiling, such as in commercial offices and retail spaces, the roof/ceiling assembly shall be insulated in some location other than directly on the suspended ceiling, so as to provide complete and continuous insulation coverage and minimize air leakage through the insulation.

1502.1.4.6 Wall Insulation: Insulation installed in exterior walls shall comply with the provisions of this section. Insulation shall be placed so as to avoid compression. When installed in wood framing, faced batt insulation shall be face stapled. Exterior wall cavities isolated during framing shall be fully insulated to the levels of the surrounding walls.

1502.1.4.7 Floor Insulation: Floor insulation shall be installed in a permanent manner in substantial contact with the surface being insulated. Insulation supports shall be installed so spacing is no more than twenty-four inches on center. Foundation vents shall be placed so that the top of the vent is below the lower surface of the floor insulation. The insulation shall not block the airflow through foundation vents when installed. When foundation vents are not placed so that the top of the vent is below the lower surface of the floor insulation, a permanently attached baffle shall be installed at an angle of thirty degrees from horizontal, to divert air flow below the lower surface of the floor insulation.

1502.1.4.8 Slab-On-Grade Floor: Slab-on-grade insulation shall be installed outside the foundation and shall extend downward from the top of the slab a minimum of twenty-four inches or to the frostline. Above grade insulation shall be protected.

**Exception:** For monolithic slabs, the insulation shall extend downward from the top of the slab to the bottom of the footing.

1502.1.4.9 Radiant Floors (on or below grade): The entire area of a radiant floor shall be thermally isolated from the soil, with a minimum of R-10 insulation. The insulation shall be an approved product for its intended use. If a soil gas control system is present below the radiant floor, which

results in increased convective flow below the radiant floor, the radiant floor shall be thermally isolated from the subfloor gravel layer.

#### 1502.1.4.10 Below Grade Walls:

a. Below grade exterior wall insulation used on the exterior (cold) side of the wall shall extend from the top of the below grade wall to the top of the footing and shall be approved for below grade use. Above grade insulation shall be protected.

b. Insulation used on the interior (warm) side of the wall shall extend from the top of the below grade wall to the below grade floor level.

1502.1.5 Glazing and Door U-Factors and Shading Coefficients:

1502.1.5.1 Standard Procedure for Determination of Glazing and Door U-Factors: U-Factors for glazing and doors, including all fire doors, shall be determined, certified and labeled in accordance with the National Fenestration Rating Council Standard 100-91 by a certified independent agency licensed by the NFRC. Compliance shall be based on Model Size AA. Product samples used for U-factor determinations shall be production line units or representative of units as purchased by the consumer or contractor. Unlabeled glazing and doors shall be assigned the default U-factor in Section 2006.

Exception: Until December 31, 1993, the U-factors for glazing and doors, including all fire doors, may be the tested U-factors for thermal transmittance due to conduction resulting from either the AAMA 1503.1-88 test procedure or the ASTM C236-87 or C976-82 test procedures, provided that testing shall be conducted under established winter horizontal heat flow test conditions using fifteen mile per hour wind speed directed perpendicular to the exterior surface of the glazing as specified under AAMA 1503.1-88.

AAMA 1503.1-88 testing, shall be conducted by a laboratory accredited by AAMA to perform that test. ASTM C236-87 or C976-82 testing shall be conducted by an independent laboratory accredited by a nationally recognized accreditation program, independent of that laboratory. All tested U-factors reported for listing by the State Building Code Council after January 1, 1991, shall include certification by the manufacturer of gas content in the sealed insulated glass unit used for testing and in the production unit.

Product samples tested shall be production line units or representative of units as purchased by the consumer or contractor. Product sample sizes tested shall be in accordance with AAMA 1503.1-88, except that skylights shall be tested with a nominal two foot by four foot size, or a nominal four foot by four foot size. The installation of the test sample shall be in accordance with AAMA 1503.1-88, Section 8.5 except that skylight test samples shall be installed in accordance with AAMA 1603.1-1980 C. (3) -(6). All testing performed after January 1, 1991, shall not include screens. All glazing and doors shall be identified with a label that states an overall product U-factor that is no less than the actual tested U-factor. The labeled U-factor shall be used in all calculations to determine compliance with this Code. Sealed insulating glass shall conform to, or be in test for, ASTM E-774-81 level A.

Provided That:

- 1. The exterior frame dimensions of the product sample size tested shall not deviate by more than three inches from the height and width specified, except that skylights are allowed to be tested in the closest production line size to that specified above.
- 2. Passive air inlets are not required to be part of the tested assembly.
- 3. Products tested prior to December 31, 1990, to AAMA 1503.1-80, ASTM C236-80 or C976-82 which are not in compliance with the test size requirement above, and which are in compliance with the product sample sizes in AAMA 1503.1-80, shall be acceptable until December 31, 1993.
- 4. Untested glazing and doors shall be assigned the default U-factors listed in Chapter 20. The default values for the opaque portions of doors shall be those listed in Chapter 20, provided that the U-factors listed for a door with a thermal break shall only be allowed if both the door and the frame have a thermal break.
- 5. The U-factor of an insulated glazing product which has a 'grille pattern' installed between the glazing layers shall be deemed equal to the U-factors of an insulated glazing product which is tested without a 'grille pattern' in between glazing layers, provided a minimum 1/8 inch air space exists between the 'grille pattern' and both glass lites.
- 6. For a glazing product which is manufactured with an alternative 'low-e coating' than the 'low-e coating' of the tested glazing product, the U-factors shall be deemed equal provided that the alternative 'low-e coating' material has an equal or lower rated emissivity.
- 7. Glazing U-factors for Other than Group R Occupancy are also allowed to be taken from Table 13 of Chapter 27 of RS-1 listed in Chapter 17 or calculated in accordance with the procedures of Chapter 27 of RS-1 listed in Chapter 17 and door U-factors are also allowed to be taken from Table 6 in Chapter 22 of RS-1 listed in Chapter 17.
- 1502.1.5.2 Shading Coefficient: Shading coefficients for glazing shall be taken from Chapter 27 of RS-1 or from the manufacturer's test data. No credit is given for interior shading devices.

#### 1502.1.6 Moisture Control

1502.1.6.1: Vapor retarders shall be installed on the warm side (in winter) of insulation as specified in the following cases.

**Exception:** Vapor retarder installed with not more than 1/3 of the nominal R-value between it and the conditioned space.

- 1502.1.6.2 Floors: Floors separating conditioned space from unconditioned space shall have a vapor retarder installed.
- 1502.1.6.3: Roof/ceiling assemblies where the ventilation space above the insulation is less than an average of twelve inches shall be provided with a vapor retarder. When installed in wood framing, faced batt insulation where used as a vapor retarder shall be face stapled. Single rafter joist vaulted ceiling cavities shall be of sufficient depth to allow a minimum one inch vented air space above the insulation.

**Exception:** Roof/ceiling assemblies, where neither the roof deck nor the roof structure are made of wood, may omit

- the one-inch vented airspace, provided that there is a continuous vapor retarder on the inside surface. For vapor retarders, the edges shall be taped together along the seams. Stapling is not an acceptable alternate.
- **1502.1.6.4:** Vapor retarders shall not be required in roof/ceiling assemblies where the ventilation space above the insulation averages twelve inches or greater.
- **1502.1.6.5:** Vapor retarders shall not be required where all of the insulation is installed between the roof membrane and the structural roof deck.
- 1502.1.6.6 Wall Insulation: Walls separating conditioned space from unconditioned space shall have a vapor retarder installed. When installed in wood framing, faced batt insulation shall be face stapled.
- 1502.1.6.7 Ground Cover: A ground cover of six mil (0.006 inch thick) black polyethylene or approved equal shall be laid over the ground within crawl spaces. The ground cover shall be overlapped twelve inches minimum at the joints and shall extend to the foundation wall.

**Exception:** The ground cover may be omitted in crawl spaces if the crawl space has a concrete slab floor with a minimum thickness of three and one-half inches.

#### 1502.2 Thermal Criteria for Other than Group R Occupancy Buildings of 10,000 Square Feet or Less

- 1502.2.1: The proposed UA as calculated using Equation 2 shall not exceed the target UA as calculated using Equation 1. For the purpose of determining equivalent thermal performance, the glazing area for the target UA shall be calculated using figures in Table 15-1, and all the glazing shall be located in the wall area. The opaque door area shall be the same in the target UA and the proposed UA.
- 1502.2.2 Space Heat Type: The following two categories comprise all space heating types:
- 1. **Electric Resistance:** Space heating systems which include baseboard units, radiant units, and forced air units as either the primary or secondary heating system.

**Exception:** Electric resistance systems for which the total electric heat capacity does not exceed one watt per square foot of the gross floor area.

- 2. Other: All gas, wood, oil, and propane space heating systems, unless electric resistance is used as a secondary heating system, and all heat pump space heating systems. (See EXCEPTIONS, Electric Resistance, Section 1502.2.2 above.)
- 1502.3 Thermal Performance Criteria for Other than Group R Occupancies: Spaces over 10,000 square feet shall comply with either the target UA and shading coefficient requirements in Section 1502.3.1 or the prescriptive requirements in Section 1502.3.2. Unless otherwise approved by the building official, all spaces shall be assumed to be at least semi-heated. All Other than Group R Occupancy buildings of 10,000 square feet or less shall comply with the envelope requirements of Section 1502.2 or 1602.

#### 1502.3.1 Target UA and Shading Coefficient:

1502.3.1.1 Target UA: Proposed UA<sub>p</sub> as calculated using Equation 4 shall not exceed the target UA<sub>t</sub> as calculated using Equation 3. For the purpose of determining equivalent thermal performance, the target glazing area shall

be whichever is less: The proposed glazing area or the maximum allowed in Table 15-2a or 15-2b for the appropriate use; the target glazing U-factor shall be the corresponding value from Table 15-2a or 15-2b for that glazing area for the appropriate use; and all the glazing shall be located in the wall area.

#### **Exceptions:**

- 1. For the gross exterior wall area only, compliance may also be shown using the ENVSTD diskette version 2.1 or 2.2 of ASHRAE/IES Standard 90.1 1989.
- 2. For semi-heated spaces, compliance is only required with footnote 1 in Table 15-2a or 15-2b.
- 3. Skylights, for which daylight credit is taken, may be excluded from the requirements and calculations of the roof assembly  $(U_{rc})$ , if all of the following conditions are met:
- a. The opaque roof thermal transmittance value  $U_{rc}$  does not exceed value in Table 15-2a or 15-2b.
- b. Skylit areas, including framing, do not exceed 6% of the roof area.
  - c. Skylight visible light transmittance is at least 0.50.
- d. All electric lighting fixtures, within daylighted areas under skylights, are controlled by automatic daylighting controls.
- e. The overall thermal transmittance  $\rm U_{0}$ -factor of the skylight assembly, including framing, is equal to or less than 0.70 Btu/hr·ft<sup>2</sup>·°F.
- f. Skylit curbs have thermal transmittance U-factors less than or equal to 0.21 Btu/hr-ft<sup>2</sup>.°F.
- g. The infiltration coefficient of the skylights is less than or equal to 0.05 cfm/ft<sup>2</sup>.
- 1502.3.1.2 Shading Coefficient: The shading coefficient shall not exceed that specified in Table 15-2a or 15-2b for the appropriate glazing range as a percent of the gross exterior wall area.
- 1502.3.2 Prescriptive Option: The envelope design of the building being evaluated is in compliance with the prescriptive criteria of Section 1502.3.2 provided that all of the following are met:
- a. The proposed design meets the basic requirements of Sections 1502.1 and 1502.4. The calculation procedure of Section 1502.1 shall be used to demonstrate compliance with the basic requirements.
- b. All roofs, walls above and below grade, floors over unconditioned spaces and slab on grade floors shall have insulation with a nominal R-value no less than that specified in the prescriptive approach of Table 15-2a or 15-2b. Slab-on-grade floor insulation shall be installed per Section 1502.1.4.5.
- c. All glazing shall have an area-weighted U-factor not to exceed that specified in Table 15-2a or 15-2b for the appropriate glazing area and shading coefficient.
- d. All glazing shall have an area-weighted shading coefficient not to exceed that specified in Table 15-2a or 15-2b for the appropriate area and U-factor.
- e. The percentage of total glazing, relative to the gross exterior wall area shall be less than or equal to the appropriate value from Table 15-2a or 15-2b for the glazing U-factor and shading coefficient selected.

**Exception:** Provided that the glazing is double-glazing with a minimum 1/2 inch airspace; the maximum allowable

total glazing area may be increased to 75 percent for that portion of the gross area of the exterior wall of a street level story of retail occupancy both which does not exceed 20 feet in height and which is within ten feet of a street property line.

Vertical glazing only is exempt from the maximum shading coefficient requirements. When these allowances are utilized, separate calculations shall be performed for these sections of the building envelope and these values shall not be averaged with any others for compliance purposes.

#### 1502.4 Air Leakage for All Occupancies

1502.4.1: The requirements of this section shall apply to all buildings and structures, or portions thereof, and only to those locations separating outdoor ambient conditions from interior spaces that are heated or cooled.

1502.4.2: Exterior doors and windows shall be designed to limit air leakage into or from the building envelope. Site-constructed doors and windows shall be sealed in accordance with Section 1502.4.3.

#### 1502.4.3:

- a. Exterior joints around windows and door frames, openings between walls and foundation, between walls and roof and wall panels; openings at penetrations of utility services through walls, floors, and roofs; and all other openings in the building envelope for all occupancies shall be sealed, caulked, gasketed, or weatherstripped to limit air leakage.
- b. All exterior doors or doors serving as access to an enclosed unheated area shall be weatherstripped to limit leakage around their perimeter when in a closed position.
- c. Site built windows are exempt from testing but shall be made tight fitting. Fixed lights shall have glass retained by stops with sealant or caulking all around. Operating sash shall have weatherstripping working against overlapping trim, and a closer/latch which will hold the sash closed. The window frame to framing crack shall be made tight with caulking, overlapping membrane, or other approved technique.
- d. Openings that are required to be fire resistive are exempt from this section.
- e. Building assemblies used as ducts shall comply with the requirements of Section 1503.10.
- 1502.4.4 Recessed Lighting Fixtures: When installed in the building envelope, recessed lighting fixtures shall meet one of the following requirements:
- 1. Type IC rated, manufactured with no penetrations between the inside of the recessed fixture and ceiling cavity and sealed or gasketed to prevent air leakage into the unconditioned space.
- 2. Type IC rated, installed inside a sealed box constructed from a minimum one-half inch thick gypsum wall board or constructed from a preformed polymeric vapor barrier, or other air tight assembly manufactured for this purpose.
- 3. Type IC rated, certified under ASTM E283 to have no more than 2.0 cfm air movement from the conditioned space to the ceiling cavity. The lighting fixture shall be tested at seventy-five Pascals or 1.57 lbs/ft<sup>2</sup> pressure difference and have a label attached, showing compliance.

Exception: In special nonresidential application areas, such as atria (atriums), lobbies and entrances, with ceiling

heights exceeding 25 feet, recessed fixtures not marked "Type IC Inherently Protected" or "For Installation Only in Poured Concrete" may be installed when all of the following criteria are complied with:

- a. The fixture is installed per manufacturer's recommendations;
- b. The fixture is installed per NEC and UL requirements for insulation clearance around and above the fixture;
- c. The uninsulated ceiling area, including fixture aperture opening and uninsulated annular space around the fixture, must be no more than two percent of the application (room) ceiling area.

#### EQUATION 1 — OTHER THAN GROUP R OCCUPANCY BUILDINGS OF 10,000 SQUARE FEET OR LESS

#### TARGET UA.

 $UA_{t} = U_{\mathbf{w}}^{\mathbf{A}}_{\mathbf{w}} + U_{\mathbf{b}\mathbf{g}\mathbf{w}}^{\mathbf{A}}_{\mathbf{b}\mathbf{g}\mathbf{w}} + U_{\mathbf{g}}^{\mathbf{A}}_{\mathbf{g}} + U_{\mathbf{f}}^{\mathbf{A}}_{\mathbf{f}} + U_{\mathbf{r}\mathbf{c}}$  $A_{\mathbf{r}\mathbf{c}} + U_{\mathbf{c}\mathbf{c}}^{\mathbf{A}}_{\mathbf{c}\mathbf{c}} + U_{\mathbf{d}}^{\mathbf{A}}_{\mathbf{d}} + F_{\mathbf{s}}^{\mathbf{P}}_{\mathbf{s}}$ 

Where:

UA<sub>t</sub> = the target combined thermal transmittance of the gross exterior wall, floor, and roof/ceiling assembly area.

U<sub>w</sub> = the thermal transmittance value of the opaque above grade wall area found in Table 15-1.

 $A_{xx}$  = opaque above grade wall area.

Ubgw = the thermal transmittance value of the below grade opaque wall area found in Table 15-1.

A<sub>bgw</sub> = opaque below grade wall area.

U<sub>g</sub> = the thermal transmittance value of the glazing area found in Table 15-1.

 $A_g = .15$  (total floor area of the conditioned space).

U<sub>f</sub> = the thermal transmittance value of the floor area found in Table 15-1.

 $A_{\mathbf{f}}$  = floor area over unconditioned space.

U<sub>rc</sub> = the thermal transmittance value of the roof/ ceiling area found in Table 15-1.

 $A_{rc}$  = roof/ceiling area.

U<sub>cc</sub> = the thermal transmittance value of the cathedral (single rafter or joist-vaulted) ceiling area found in Table 15-1.

A<sub>cc</sub> = cathedral (single rafter or joist-vaulted) ceiling area.

U<sub>d</sub> = the thermal transmittance value of the opaque door area found in Table 15-1.

 $A_d$  = opaque door area.

F<sub>s</sub> = concrete slab component F-factor found in Table 15-1.

 $P_s$  = lineal ft. of concrete slab perimeter.

#### EQUATION 2 — OTHER THAN GROUP R OCCUPANCY BUILDINGS OF 10,000 SQUARE FEET OR LESS

PROPOSED UA<sub>D</sub>

 $UA_{\mathbf{p}} = U_{\mathbf{w}}A_{\mathbf{w}} + U_{\mathbf{bgw}}A_{\mathbf{bgw}} + U_{\mathbf{g}}A_{\mathbf{g}} + U_{\mathbf{f}}A_{\mathbf{f}} + U_{\mathbf{rc}}$  $A_{\mathbf{rc}} + U_{\mathbf{cc}}A_{\mathbf{cc}} + U_{\mathbf{d}}A_{\mathbf{d}} + F_{\mathbf{s}}P_{\mathbf{s}}$ 

Where:

UA<sub>p</sub> = the proposed combined thermal transmittance of the gross exterior wall, floor, and roof/ceiling assembly area.

 $U_{\mathbf{w}}$  = the thermal transmittance of the opaque wall area.

 $A_{w} = opaque wall area.$ 

U<sub>bgw</sub> = the thermal transmittance value of the below grade opaque wall area.

A<sub>bow</sub> = opaque below grade wall area.

U<sub>g</sub> = the thermal transmittance of the glazing (window or skylight) area.

A<sub>g</sub> = glazing area, including windows in exterior doors.

U<sub>e</sub> = the thermal transmittance of the floor area.

 $A_f$  = floor area over unconditioned space.

U<sub>re</sub> = the thermal transmittance of the roof/ceiling area.

 $A_{rc}$  = roof/ceiling area.

U<sub>cc</sub> = the thermal transmittance of the cathedral (single rafter or joist-vaulted) ceiling area.

A<sub>cc</sub> = cathedral (single rafter or joist-vaulted) ceiling area.

U<sub>d</sub> = the thermal transmittance value of the opaque door area.

 $A_d$  = opaque door area.

F<sub>s</sub> = concrete slab component F-factor.

P<sub>s</sub> = lineal ft. of concrete slab perimeter.

**NOTE:** Where more than one type of wall, window, roof/ceiling, door, and skylight is used, the U and A terms for those items shall be expanded into sub-elements as:

U<sub>w1</sub>A<sub>w1</sub>+U<sub>w2</sub>A<sub>w2</sub>+U<sub>w3</sub>A<sub>w3</sub>+...etc.

# EQUATION 3 — OTHER THAN GROUP R OCCUPANCY BUILDINGS OVER 10,000 SQUARE

# FEET Target UA,

 $UA_{t} = U_{w}A_{w} + U_{bgw}A_{bgw} + U_{f}A_{f} + U_{g}A_{g} + U_{c}A$   $C_{c} + F_{s}P_{s}$ 

Where:

UA<sub>t</sub> = the target combined specific heat transfer of the gross exterior wall, floor, and roof/ceiling assembly area.

U<sub>w</sub> = the thermal transmittance value of the opaque above grade wall area found in Table 15-2a or 15-2b.

A<sub>w</sub> = opaque above grade wall area, including opaque doors.

U<sub>bgw</sub> = the thermal transmittance value of the below grade opaque wall area.

A<sub>bgw</sub> = opaque below grade wall area as defined in Table 15-2a or 15-2b.

U<sub>g</sub> = the thermal transmittance for the glazing found in Table 15-2a or 15-2b corresponds to the glazing area below.

A<sub>g</sub> = the lesser of: The proposed glazing area, or the maximum glazing area listed in Table 15-2a or 15-2b for the appropriate use.

U<sub>f</sub> = the thermal transmittance value of the floor area found in Table 15-2a or 15-2b.

 $A_f$  = floor area over unconditioned space.

U<sub>c</sub> = the thermal transmittance value of the ceiling area found in Table 15-2a or 15-2b.

 $A_c$  = ceiling area.

F<sub>S</sub> = concrete slab component F-factor found in Table 15-2a or 15-2b.

P<sub>s</sub> = lineal ft. of concrete slab perimeter.

#### EQUATION 4 — OTHER THAN GROUP R OCCUPANCY BUILDINGS OVER 10,000 SQUARE FEET

#### PROPOSED UA<sub>D</sub>

$$UA_{p} = U_{w}A_{w} + U_{bgw}A_{bgw} + U_{g}A_{g} + U_{f}A_{f} + U_{rc}A$$
$${}_{rc} + U_{cc}A_{cc} + U_{d}A_{d} + F_{s}P_{s}$$

#### Where:

UA<sub>p</sub> = the combined proposed specific heat transfer of the gross exterior wall, floor, and roof/ceiling assembly area.

 $U_{W}$  = the thermal transmittance of the opaque wall area.

 $A_w =$  opaque wall area (not including opaque doors).

U<sub>bgw</sub> = the thermal transmittance value of the below grade opaque wall area.

A<sub>bgw</sub> = opaque below grade wall area as defined in Table 15-2a or 15-2b.

U<sub>g</sub> = the thermal transmittance of the glazing (window or skylight) area.

A<sub>g</sub> = glazing area, including windows in exterior doors.

 $U_f$  = the thermal transmittance of the floor area.

 $A_f$  = floor area over unconditioned space.

 $U_{rc}$  = the thermal transmittance of the roof/ceiling area.

 $A_{rc} = roof/ceiling area.$ 

U<sub>cc</sub> = the thermal transmittance of the cathedral (single rafter or joist-vaulted) ceiling area.

A<sub>CC</sub> = cathedral (single rafter or joist-vaulted) ceiling area.

U<sub>d</sub> = thermal transmittance value of opaque door

 $A_d$  = opaque door area.

 $F_{\rm s}$  = concrete slab component F-factor.

P<sub>s</sub> = lineal ft. of concrete slab perimeter.

**NOTE:** Where more than one type of wall, window, roof/ceiling, door, and skylight is used, the U and A terms for those items shall be expanded into sub-elements as:

$$U_{w1}A_{w1}+U_{w2}A_{w2}+U_{w3}A_{w3}+...etc.$$

#### **NEW SECTION**

WAC 51-11-1503 Section 1503--Building mechanical systems.

1503.1 General: This section covers the determination of design requirements, system and component performance, control requirements, insulating systems, and duct construction.

Exception: Special applications, including but not limited to hospitals, laboratories, thermally sensitive equipment, and rooms designed to comply with the special construction and fire protection requirements of NFPA 75, "Standard for the Protection of Electronic Computer/Data Processing Equipment" may be exempt from the requirements of this section when approved by the building official. Exemptions shall be specific on a case-by-case basis and allowed only to the extent necessary to accommodate the special applications.

1503.2 Calculations of Heating and Cooling Loads, and System Sizing Limits: The design parameters specified in Chapter 13 shall apply for all computations.

1503.2.1 Calculation Procedures: Heating and cooling design loads for the purpose of sizing HVAC systems where required by the building official shall be calculated in accordance with accepted engineering practice, including infiltration and ventilation as required by the Washington State Ventilation and Indoor Air Quality Code (chapter 51-13 WAC).

1503.3 Separate Air Distribution Systems, Heat Recovery, and Simultaneous Heating and Cooling: Use of a single air distribution system for multiple zones and use of simultaneous heating and cooling by reheating or recooling supply air or by concurrent operation of independent heating and cooling systems serving a common zone shall be restricted as follows. Heat recovery systems shall be installed as indicated below.

1503.3.1 Separate Air Distribution Systems: Zones with special process temperature requirements and/or humidity requirements shall be served by separate air distribution systems from those serving zones requiring only

comfort conditions; shall include supplementary provisions so that the primary systems may be specifically controlled for comfort purposes only.

**Exception:** Zones requiring only comfort heating or comfort cooling that are served by a system primarily used for process temperature and humidity control:

- 1. Providing the total supply air to those comfort zones is no more than 25 percent of the total system supply air
- 2. The total conditioned floor area of the zones is less than 1,000 ft<sup>2</sup>.
- 1503.3.2 Simultaneous Heating and Cooling: Systems, which provide heating and cooling simultaneously to a zone, are prohibited.

**Exceptions:** Systems shall still comply with the requirements of Sections 1503.8.6 and 1503.8.7.

- 1. Variable air volume systems which have fan-powered terminal units on the perimeter zones controlled to utilize plenum heat prior to new energy being used for morning warm-up; and which, during periods of occupancy, are designed to reduce the air supply to each zone to a minimum before reheating, recooling, or mixing takes place. The minimum volume shall be no greater than the minimum required to meet ventilation requirements of the Washington State Ventilation and Indoor Air Quality Code (chapter 51-13 WAC).
- 2. Zones having special pressurization relationships or cross-contamination requirements.
- 3. Where at least 75 percent of the energy for reheating or for providing warm air in mixing systems is provided from a site-recovered or site-solar energy source.
  - 4. Zones where specific humidity levels are required.
- 5. Zones with a peak supply air quantity of 300 cfm or less.

systems with at least 50 percent recovery effectiveness shall be installed for all fan systems which have both a capacity of 5,000 cfm or greater and which have a minimum outside air supply of 70 percent or greater of the total air circulation. 50 percent heat recovery effectiveness shall mean an increase in the outside air supply temperature at design heating conditions of one-half the difference between the outdoor design air temperature and 65 degrees F°. Provision shall be made to bypass or control the heat recovery system to permit air economizer operation as required by Section 1503.7.1. Heat recovery energy may be provided from any site-recovered or site-solar source.

#### **Exceptions:**

- Laboratory systems equipped with both variable air volume supply and variable air volume exhaust fume hood.
- 2. Systems serving spaces heated to less than 60 degrees F.
- 3. Systems which can be shown to use as much energy with the addition of heat recovery equipment as without it.
- 4. Systems exhausting toxic or corrosive fumes making the installation of heat recovery equipment impractical.
  - 5. Type I commercial kitchen hoods.

1503.4 HVAC Equipment Performance Requirements Minimum Equipment Efficiency: Equipment shall have a minimum efficiency at the specified rating conditions, not less than the values shown in Tables 15-3 through 15-13.

1503.4.1.1: Where applicable, cooling equipment shall be rated at ARI test conditions and procedures. Where no applicable procedures exist, data furnished by the equipment manufacturer shall be accepted.

1503.4.1.2: Compliance with minimum efficiency requirements specified for HVAC equipment shall include compliance with the integrated part load value (IPLV) requirements where indicated as well as standard or full-load requirements. See test standards referenced in Tables 15-3 through 15-11 for IPLV determination.

1503.4.1.3: Space heating or cooling equipment used to provide additional functions (e.g., service water heating) as part of a combination (integrated) system shall comply with minimum performance requirements for the appropriate space heating or cooling equipment category.

1503.4.1.4 Combustion heating equipment with a capacity over 150,000 Btu/h shall have modulating or staged combustion control.

# 1503.4.2 Field-Assembled Equipment and Components:

1503.4.2.1: When components such as indoor or outdoor coils are used from more than one manufacturer as parts of air-conditioning or heating equipment, component efficiencies, as measured per Section 1503.4.1.1, shall provide a system that is in compliance with the requirements of Section 1503.4.1.

1503.4.2.2: Total on-site energy input to the equipment shall be determined by combining the energy inputs to all components, elements, and accessories such as compressor(s), internal circulating pump(s), purge devices, viscosity control heaters, and controls.

1503.4.3 Packaged Electric Heating and Cooling Equipment: Packaged electric equipment providing both heating and cooling with a total cooling capacity greater than 20,000 Btu/h shall be a heat pump.

#### 1503.4.4 Electric Motors Efficiency

1503.4.4.1: All permanently wired polyphase motors of 1 hp or more serving the building shall meet the requirements of Section 1503.4.4.2. See Section 1503.5 for requirements for variable speed control for HVAC systems.

1503.4.4.2: Design A & B squirrel-cage and T-frame induction motors having synchronous speeds of 3,600, 1,800, and 1,200 rpm shall have a nominal full-load motor efficiency no less than the corresponding values for energy efficient motors provided in Table 15-14.

#### **Exception:**

- 1. Motors used in systems designed to use more than one speed of a multispeed motor.
- 2. Motors used as a component of the equipment meeting the minimum equipment efficiency requirements of Section 1503.4 provided that the motor input is included when determining the equipment efficiency.
- 3. Motors that are an integral part of specialized process equipment.

1503.5 Transport Energy 1503.5.1 Fan System Design Criteria 1503.5.1.1 General: The following design criteria apply to all HVAC fan systems used for any combination of comfort heating, ventilating, or air conditioning. For the purposes of this section, the energy demand of a fan system is the sum of the demand of all fans which are required to operate at design conditions to supply air from the heating or cooling source to the conditioned space(s) and return it back to the source or exhaust it to the outdoors. The air volume (measured in cubic feet per minute) shall include all air supplied to the conditioned space(s) including air recirculated through series flow terminal fan units.

#### **Exceptions:**

- 1. Systems with total fan system motor horsepower of 10 horsepower or less.
- 2. Unitary equipment for which the energy used by the fan is considered in the efficiency ratings of Section 1503.4.
- 3. Additional power required by air treatment or filtering systems with final pressure drops in excess of 1 in. W.C.
- 4. Power required by specified application exhaust fans that are not part of the comfort heating, ventilating, or air conditioning system.

#### (OPTION 1)

1503.5.1.2 Constant Volume Fan Systems: For fan systems which provide a constant air volume the power required by the motors for the combined fan system at design conditions shall not exceed 0.80 W/cfm of supply air.

1503.5.1.3 Variable Air Volume (VAV) Fan Systems: For fan systems which are able to vary system air volume automatically as a function of load, the power required by the motors for the combined fan system shall not exceed 1.25 W/cfm of supply air at design conditions.

#### (OPTION 2)

1503.5.1.2 Constant Volume Fan Systems: For fan systems which provide a constant air volume the power required by the motors for the combined fan system at design conditions shall not exceed 1.2 W/cfm of supply air.

1503.5.1.3 Variable Air Volume (VAV) Fan Systems: For fan systems which are able to vary system air volume automatically as a function of load, the power required by the motors for the combined fan system shall not exceed 1.85 W/cfm of supply air at design conditions.

1503.5.1.4 Variable Speed: Whenever variable output of a motor driven fan is required, there shall be variable speed inlet vanes for forward curved or air foil fans, variable pitch vane axial fans, or variable fan wheel width, rather than the use of throttling, bypass, scroll dampers, or similar devices, or the omission of any control device.

1503.6 Balancing: The HVAC system design shall provide a means for balancing air and water systems including, but not limited to, dampers, temperature and pressure test connections, and balancing valves.

#### 1503.7 Cooling With Outside Air

1503.7.1: Each fan system shall be designed and capable of being controlled to take advantage of favorable weather conditions in order to reduce mechanical cooling requirements.

The system shall include either of the following:

1. A temperature or enthalpy air economizer system, which is capable of automatically modulating outside air, and

return air dampers to provide 100 percent of the design supply air quality as outside air for cooling. Dampers shall close automatically when the system is off or upon power failure:

or

2. A water economizer system, which is capable of cooling supply air by indirect evaporation. Such a system shall be designed and capable of being controlled to provide 100 percent of the expected system cooling load at outside air temperatures of 50 degrees F. dry-bulb/45 degrees F. wet-bulb and below. For this calculation, all factors including solar and internal load shall be the same as those used for peak load calculations, except for the outside air temperatures.

# Exceptions: (OPTION 1)

1. Packaged roof top fan-cooling units with a supply capacity of less than 1,900 cfm or a total cooling capacity less than 54,000 Btu/h. Other individual fan-cooling units with a supply capacity of less than 2,800 cfm or a total cooling capacity less than 84,000 Btu/h. The total capacity of all such units complying by use of this exception shall not exceed 240,000 Btu/h per building. Ratings shall be based on standard ARI rating conditions.

#### (OPTION 2)

- 1. Packaged roof top fan-cooling units with a supply capacity of less than 1,900 cfm or a total cooling capacity less than 54,000 Btu/h. Other individual fan-cooling units with a supply capacity of less than 2,800 cfm or a total cooling capacity less than 84,000 Btu/h. Ratings shall be based on standard ARI rating conditions.
- 2. Systems with air or evaporatively cooled condensers and for which one of the following is true:
- a. The system includes extensive filtering equipment provided in order to meet the requirements of 6.1.2 of ASHRAE Standard 62-1989.
- b. It can be shown that the use of outdoor air cooling affects the operation of other systems (such as humidification, dehumidification, and supermarket refrigeration systems) so as to increase the overall building energy consumption.
- 3. The overall building energy consumption resulting from alternative designs, such as internal to external zone heat recovery systems, can be shown to be less than those resulting from an economizer system.
- 4. Systems that serve envelope dominated spaces whose sensible cooling load at design conditions, excluding transmission and infiltration loads, is less than or equal to transmission and infiltration losses at an outdoor temperature of 60 degrees F.
  - 5. (Reserved)
- 6. Systems for which at least 75 percent of the annual energy used for mechanical cooling is provided from site-recovery or site-solar energy source.
- 7. Hydronic heat pump systems in buildings both have a break-even outdoor temperature of 40 degrees F. or lower and which are provided with a partial economizer cycle. The partial economizer cycle shall be capable of supplying outdoor air quantities equivalent to 100 percent of the total air supplied to meet the interior load at the design dry-bulb

supply temperature but not less than 55 degrees F. The partial economizer shall be controlled based on outside air temperatures and/or perimeter heating load.

1503.7.2: Economizer systems shall be capable of providing partial cooling even when additional mechanical cooling is required to meet the remainder of the cooling load.

**Exception:** Direct expansion systems may include controls to reduce the quantity of outdoor air as required to prevent coil frosting at the lowest step of the compressor unloading. Controls shall not preclude the economizer operation when mechanical cooling is required simultaneously.

1503.7.3: System design and economizer controls shall be such that economizer operation does not increase the building heating energy use during normal operation.

**Exception:** At least 75 percent of the energy for heating is provided from a site-recovery or site-solar energy source.

#### 1503.8 Controls

**1503.8.1 Temperature Control:** Each system shall be provided with at least one temperature control device. The supply of heating and cooling energy to each zone shall be controlled by individual thermostatic controls responding to temperature within the zone.

**Exceptions:** Independent perimeter systems that are designed to offset only envelope heat losses or gains or both may serve one or more zones also served by an interior system with the following limitations:

- 1. The perimeter system shall include at least one thermostatic control zone for each building exposure having exterior walls facing only one orientation for 50 contiguous feet or more.
- 2. The perimeter system heating and cooling supply shall be controlled by thermostat(s) located within the zone(s) served by the system.
- 1503.8.1.1: When used to control comfort heating, zone thermostatic controls shall be capable of being set locally or remotely by adjustment or selection of sensors down to 55 degrees F. or lower.
- 1503.8.1.2: When used to control comfort cooling, zone thermostatic controls shall be capable of being set locally or remotely by adjustment or selection of sensors up to 85 degrees F. or higher.
- 1503.8.1.3: When used to control both comfort heating and cooling, zone thermostatic controls shall be capable of a dead band of at least 5 degrees F. within which the supply of heating and cooling energy to the zone is shut off or reduced to a minimum.

#### **Exceptions:**

- 1. Special occupancy, special usage, or code requirements where dead band controls are not appropriate.
- 2. Buildings complying with Chapter 14, if in the proposed building energy analysis heating and cooling thermostat setpoints are set to the same value between 70 degrees F. and 75 degrees F. inclusive and assumed to be constant throughout the year.

3. Thermostats that require manual changeover between heating and cooling modes.

1503.8.2 Humidity Control: If a system is equipped with a means for adding moisture to maintain specific selected relative humidities in space or zones, a humidistat shall be provided. Humidistats shall be capable of being set to prevent new energy from being used to produce space-relative humidity above thirty percent.

**Exception:** Special occupancies requiring different relative humidities may be permitted when approved by the building official.

1503.8.3 Zoning for Temperature Control

1503.8.3.1 (Reserved)

1503.8.3.2 (Reserved)

1503.8.3.3 Other than Group R Occupancies: At least one thermostat for regulation of space temperature shall be provided for:

- a. Each separate system.
- b. Each separate zone as defined in Chapter 12. As a minimum, each floor of a building shall be considered as a separate zone. In a multistory building where the perimeter system offsets only the transmission losses of the exterior wall, an entire side of uniform exposure may be zoned separately. A readily accessible manual or automatic means shall be provided to partially restrict or shut off the heating and/or cooling input to each floor.

#### 1503.8.4 Control Setback and Shut-Off:

a. (Reserved)

#### b. Other than Group R Occupancies

1. HVAC systems shall be equipped with automatic controls capable of accomplishing a reduction of energy use through control setback or equipment shutdown during periods of nonuse or alternate use of the spaces served by the system. The automatic controls shall have a minimum seven-day clock and be capable of being set for seven different day types per week.

#### **Exceptions:**

- 1. Systems serving areas expected to operate continuously at the same temperature setpoint.
- 2. Equipment with full load demands of 2 kW (6,826 Btu/hr) or less may be controlled by readily accessible manual off-hour controls.
- 2. Outdoor air supply and exhaust systems shall be provided with motorized or gravity dampers or other means of automatic volume shutoff or reduction during periods of nonuse or alternate use of the spaces served by the system.

#### **Exceptions:**

- 1. Systems serving areas expected to operate continuously.
- 2. Gravity and other nonelectrical ventilation systems may be controlled by readily accessible manual damper controls.
  - 3. Combustion air intakes.
- 3. Systems that serve zones which can be expected to operate nonsimultaneously for more than 750 hours per year, including retail and restaurant areas in office buildings, shall include isolation devices and controls to shut off or set back the supply of heating and cooling to each zone

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independently. Isolation is not required for zones expected to operate continuously or expected to be inoperative only when all other zones are inoperative.

- 4. For buildings where occupancy patterns are not known at the time of system design, isolation areas may be predesignated.
- 5. Zones may be grouped into a single isolation area provided that the total conditioned floor area does not exceed 25,000 ft<sup>2</sup> per group nor include more than one floor.

1503.8.5 Heat Pump Controls: Supplementary heater operation during defrost cycles. The setback recovery and tempering of indoor air during defrost cycles shall be controlled so as to minimize use of supplementary heat. Controls shall provide that during such periods as start-ups and room thermostat setback advance, supplemental heat usage is minimized by preferential rate control, intelligent recovery, staging, ramping, or another similar control mechanism. Controls shall provide a means of activating the supplementary heat source on an emergency basis and an indicator shall be provided to show the control status.

#### Exception:

Where the supplementary heating reduces energy usage.

1503.8.6 Simultaneous Heating and Cooling Controls: Zone thermostatic and humidistatic controls shall be capable of operating in sequence the supply of heating and cooling energy to the zone. Such controls shall prevent:

- a. Reheating.
- b. Recooling.
- c. Mixing or simultaneous supply of air that has been previously mechanically heated and air that has been previously cooled, either by economizer systems, for all air in excess of that required by Section 1303..1 or by mechanical refrigeration.
- d. Other simultaneous operation of heating and cooling systems to the same zone.

#### 1503.8.7 Systems Temperature Reset Controls

1503.8.7.1 Air Systems: Systems supplying heating or cooled air to multiple zones shall include controls which automatically reset supply air temperatures by representative building loads or by outside air temperature. Temperature shall be reset by at least 25 percent of the design supply-air-to-room-air temperature difference. Zones, which are expected to experience relatively constant loads, shall be designed for the fully reset supply temperature.

#### **Exceptions:**

- 1. Where the supply air temperature reset increases overall building annual energy usage.
- 2. Where specified humidity levels are required to satisfy process needs, such as computer rooms or museums.

1503.8.7.2 Hydronic Systems: Systems supplying heated water to comfort conditioning systems shall include controls which automatically reset supply water temperatures by representative building loads (including return water temperature) or by outside air temperature. Temperature shall be reset by at least 25 percent of the design supply-to-return water temperature differences.

#### **Exceptions:**

1. Where the supply temperature reset increases overall building annual energy usage.

- 2. Systems for which supply temperature reset controls cannot be implemented without causing improper operation of heating, cooling, humidification, or dehumidification systems.
  - 3. Systems with less than 600,000 Btu/h design capacity.

1503.9 Air Handling Duct System Insulation: Ducts, plenums, and enclosures installed in or on buildings shall be thermally insulated per Table 15-15.

**Exceptions:** Duct insulation (except where required to prevent condensation) is not required in any of the following cases:

- 1. When the heat gain or loss of the ducts, without insulation, will not increase the energy requirements of the building.
  - 2. Within the HVAC equipment.
  - 3. Exhaust air ducts.
  - 4. (Reserved)
- 1503.10 Duct Construction: All duct work shall be constructed and installed in accordance with Standard RS-15, RS-16, RS-17, RS-18, or RS-19 as applicable, and the Uniform Mechanical Code.
- 1503.10.1 Duct Sealing: Duct work which is designed to operate at pressures above 1/2 inch water column static pressure shall be sealed in accordance with RS-18. Extent of sealing required is as follows:
- 1. Static pressure: 1/2 inch to 2 inches; seal transverse joints.
- 2. Static pressure: 2 inches to 3 inches; seal all transverse joints and longitudinal seams.
- 3. Static pressure: Above 3 inches; seal all transverse joints, longitudinal seams, and duct wall penetrations.
- 1503.10.2 Duct Insulation: Duct work shall be insulated in accordance with Table 15-15.
- 1503.10.3: Dampers: Requirements for automatic or manual dampers are found in the Washington State Ventilation and Indoor Air Quality Code.
- **1503.11 Piping Insulation:** All piping installed to serve buildings (and within) shall be thermally insulated in accordance with Table 15-16. For service hot water systems see Section 1504.7.

**Exceptions:** Piping insulation is not required in any of the following cases:

- 1. Piping installed within unitary HVAC equipment.
- 2. When the heat loss and/or heat gain of the piping, without insulation, does not increase the energy requirements of the building or is used as a component of a designed heating system.

Water pipes outside of conditioned shall be insulated to a minimum of R-3 in accordance with Washington State Plumbing Code (chapter 51-26 WAC)

1503.11.1 Other Insulation Thickness: Insulation thickness in Table 15-16 is based on insulation having thermal resistance in the range of 4.0 to 4.6 per inch of thickness on a flat surface at a mean temperature of 75 degrees F. Minimum insulation thickness shall be increased for materials having R-values less than 4.0 per inch, or may be reduced for materials having R-values greater than 4.6 per inch.

- a. For materials with thermal resistance greater than R = 4.6 per inch, the minimum insulation thickness may be reduced as follows:
- 4.6 x (Table 15-16 Thickness) = New Minimum Thickness

Actual Resistance.

- b. For materials with thermal resistance less than R = 4.0 per inch, the minimum insulation thickness shall be increased as follows:
- 4.0 x (Table 15-16 Thickness) = New Minimum Thickness

Actual Resistance.

c. Additional insulation with vapor barriers shall be provided to prevent condensation where required by the building official.

#### **NEW SECTION**

WAC 51-11-1504 Section 1504--Service water heating.

**1504.1 Scope:** The purpose of this section is to provide criteria for design and equipment selection that will produce energy savings when applied to service water heating.

1504.2 Water Heaters, Storage Tanks, and Boilers

- 1504.2.1 Performance Efficiency: All storage water heaters subject to the requirements of the 1987 National Appliance Energy Conservation Act shall meet the requirements of and be so labeled. All electric water heaters in unheated spaces or on concrete floors shall be placed on an incompressible, insulated surface with a minimum thermal resistance of R-10. Other storage water heaters and hot water storage tanks shall comply with NAECA standards or ASHRAE 90.1.
- 1504.2.2 Combination Service Water Heating/Space Heating: Combination space and service water heating equipment may only be used when at least one of the following conditions is met:
- a. The annual space heating energy is less than 50 percent of the annual service water heating energy.
- b. The energy input or storage volume of the combined equipment is less than twice the energy input or storage volume of the smaller of the separate boilers or water heaters otherwise required.
- c. The combined system uses no more energy than separate systems that meet the requirements of Sections 1503.4 and 1504.2.
- d. Where the input to the combined equipment is less than 150,000 Btu/h.
- 1504.2.3 Where service water heating equipment, which is part of a combination (integrated) system, is used to provide additional functions, such as space heating, the equipment shall comply with minimum performance requirements for water heating equipment.

1504.3 (Reserved)

1504.4 (Reserved)

1504.5 Heated Pools: The requirements in this section apply to "general and limited use pools" as defined in and regulated by the Washington Water Recreation Facilities Regulations (chapter 246-260 WAC).

**1504.5.1 Pool Water Heaters:** Pool water heaters for pools over 2,000 gallons, using electric resistance heating as the primary source of heat, are prohibited.

1504.5.2 Controls: All pool heaters shall be equipped with readily accessible ON/OFF switch to allow shutting off the operation of the heater without adjusting the thermostat setting. Controls shall be provided to allow the water temperature to be regulated from the maximum design temperature down to 65 degrees F.

1504.5.3 Pool Covers: Heated pools shall be equipped with a vapor retardant pool cover on or at the water surface, or a pool cover covering at least 98 percent of the water surface area, which has been approved by the building official. Pools heated to more than 90 degrees F. shall have a pool cover with a minimum insulation value of R-12.

1504.6 Circulating Hot Water Systems and Heated Pipes: Systems designed to maintain usage temperatures in hot water pipes, such as circulating hot water systems, shall be equipped with automatic time switches or other controls, which can be set to turn off the system when use of hot water is not required.

1504.7 Pipe Insulation: For recirculating and nonrecirculating systems, piping shall be thermally insulated in accordance with Section 1503.11 and Table 15-16.

1504.8 Conservation of Hot Water: For water conservation in plumbing fixtures, see the Washington Plumbing Code (WAC 51-26-1800).

#### **NEW SECTION**

WAC 51-11-1505 Section 1505--Electrical power and lighting.

1505.1 General: Electrical distribution and lighting systems shall be designed for the efficient use of energy as provided herein.

1505.2 Electric Motors: All permanently wired polyphase motors of 1 hp or more serving the building, including those which are not part of an HVAC system, shall comply with Section 1503.4.4.

1505.3 Lighting Power Allowance: The lighting power allowance for all lighted interior and exterior spaces shall be determined in accordance with the procedures specified in Section 1505.3.1. Exterior areas shall comply with Section 1505.3.4. Interior areas shall comply with either the performance option in Section 1505.3.2 or the prescriptive option in Section 1505.3.3.

**Exceptions:** Rooms, spaces, areas, and lighting equipment exempt from the lighting criteria in Section 1505.3 include:

- 1. Outdoor manufacturing, commercial greenhouses, and processing areas.
- 2. Lighting power for theatrical productions, television broadcasting (including sports facilities), audio-visual presentations, and those portions of entertainment facilities such as stage areas in hotel ballrooms, night clubs, discos, and casinos, in which lighting is an essential technical element for the function performed. Separate switching is required.
- 3. Lighting in areas in which medical and dental tasks are performed.

- 4. Outdoor athletic facilities.
- 5. Display lighting required for art exhibits, displays and inspections and restoration in galleries, museums, and monuments.
  - 6. Exterior lighting for public monuments.
  - 7. Special lighting needs for research.
- 8. Lighting that is used solely for indoor plant growth during the hours of 10:00 p.m. to 6:00 a.m.
- 9. Emergency lighting that is automatically OFF during normal building operation.
- 10. High risk security areas or any area identified by safety officials as requiring additional lighting.
- 11. Spaces specifically designed for primary use by the visually impaired, hard of hearing (lip-reading), or by senior citizens.
- 12. Lighting for signs and ballasted lighting for walkways and pathways.
  - 13. Food preparation areas.
- 14. Plug in portable display fixtures, show case lighting, and lighting that is part of machines, equipment, or furniture.
  - 15. Electrical/mechanical equipment rooms.
  - 16. (Reserved)

#### 1505.3.1 Allowance Development

1505.3.1.1: The installed lighting wattage for the building shall not exceed the allowance level calculated in this section. If the prescriptive option is not used for interior lighting, the allowable wattage level shall be the sum of the interior lighting power allowance, calculated in accordance with subsection 1505.3.2, and the exterior lighting power allowance calculated in accordance with subsection 1505.3.4. Lighting wattage includes lamp and ballast wattage. Wattage for fluorescent lamps and ballasts shall be tested per ANSI Standard C82.2-1984. Trade-off of interior lighting power allowance is allowed. Trade-off of exterior lighting power allowance to gain interior power allowance is not allowed.

1505.3.1.2: When insufficient information is known about the specific use of the space, the allowance shall be based on the apparent intended use of the space.

1505.3.1.3: In calculating installed lighting wattage, the wattage used for any unballasted fixture shall be the maximum UL listed wattage for that fixture regardless of the lamp installed. The wattage used for track lighting shall be the maximum of actual luminaire wattage or 50 watts per lineal foot of track.

1505.3.1.4: No credit towards compliance with the lighting power allowances shall be given for the use of any controls, automatic or otherwise.

1505.3.2 Building Interiors, Performance Option: The interior lighting power allowance, shall be calculated by multiplying the gross interior floor area, in square feet, by the appropriate unit lighting power allowance, in watts per square foot, specified in Table 15-17.

If multiple occupancies are intended, the lighting power allowance for each type of occupancy shall be separately calculated and summed to obtain the interior lighting power allowance of the building. In cases where a lighting plan for only a portion of a building is submitted, the interior lighting power allowance shall be based on the gross floor area covered by the plan. Partial plans for common areas only

shall not exceed the unit lighting power allowance for common areas.

1505.3.3 Building Interiors, Prescriptive Option: As an alternate to compliance with Section 1505.3.2, all spaces for which the Unit Lighting Power Allowance in Table 15-17 is 0.8 watts per square foot or greater may use unlimited numbers of lighting fixtures and lighting energy, provided that the systems meet the following criterion:

Installed lighting fixtures are one- or two- lamp (but not three- or more lamp), nonlensed, fluorescent fixtures fitted with type T-5, T-6, T-8, or PL lamps and electronic ballasts.

**Exception:** Up to a total of 5 percent of installed lighting fixtures need not be ballasted and may use any type of lamp.

1505.3.4 Building Exteriors: The exterior lighting allowance for other than residential uses, shall be calculated by multiplying the building facade area by 0.25 watts per square foot. Lighting for covered parking, open parking, and outdoor areas shall be calculated at 0.20 watts per square foot.

1505.4 Lighting Switching: Switching for building lighting systems shall be designed and installed to permit efficient use of energy and to permit maximum flexibility in the use of the installed lighting. The following mandatory requirements represent the minimum lighting controls to be installed in any building.

1505.4.1 Maximum Lighting Power to be Switched: The maximum lighting power that may be controlled from a single switch or automatic control shall not exceed that which is provided by a twenty ampere circuit loaded to no more than eighty percent. A master control may be installed provided the individual switches retain their capability to function independently. Circuit breakers may not be used as the sole means of switching.

#### **Exceptions:**

- 1. Industrial or manufacturing process areas, as may be required by production.
- 2. Areas less than five percent of footprint for footprints over 100,000 square feet.

1505.4.2 Local Control and Accessibility: Each space, enclosed by walls or ceiling-height partitions, shall be provided with lighting controls located within that space. The lighting controls, whether one or more, shall be capable of turning off all lights within the space. The controls shall be readily accessible, at the point of entry/exit, to personnel occupying or using the space.

**Exceptions:** The following lighting controls may be centralized in remote locations:

- 1. Lighting controls for spaces which must be used as a whole.
  - 2. Automatic controls.
  - 3. Programmable controls.
  - 4. Controls requiring trained operators.
  - 5. Controls for safety hazards and security.

1505.4.3 Daylight Zone Control: All daylighted zones, as defined in Chapter 12, both under skylights and adjacent to vertical glazing, shall be provided with individual controls, or daylight- or occupant-sensing automatic controls,

that permit control of lights independent of general area lighting.

1505.4.4 Display, Exhibition, and Specialty Lighting Controls: All display, exhibition, or specialty lighting shall be controlled independently of general area lighting.

1505.4.5 Exterior Lighting Controls: Exterior lighting not intended for 24-hour continuous use shall be automatically switched by timer, photocell, or a combination of timer and photocell. All time-controllers shall be equipped with backup provisions to keep time during power outage of at least four hours.

#### 1505.4.6 (Reserved)

1505.4.7 Automatic Shut-Off Controls: Every floor shall be equipped with a separate automatic control to shut off the lighting during unoccupied hours. This automatic control may be an occupancy sensor, time switch, or other device capable of automatically shutting off lighting.

- a. Occupancy sensors shall be capable of automatically turning off all the lights in an area, no more than 30 minutes after the area has been vacated.
- b. Automatic time switches shall have a minimum 7 day clock and be capable of being set for 7 different day types per week and of incorporating an automatic holiday "shut-off" feature, which turns off all loads for at least 24 hours and then resumes normally scheduled operations. Automatic time switches must also have program back-up capabilities, which prevent the loss of program and time settings for at least 10 hours, if power is interrupted.

#### **Exceptions:**

- 1. Buildings or separately metered spaces of less than 5,000 square feet of conditioned space.
- 2. Buildings, in which the system is serving an area that must be continuously illuminated, or illuminated in a manner requiring manual operation of the lighting.

#### 3. (Reserved)

- 4. Areas that must be continuously illuminated for reasons of building security or emergency egress, if the area is designated on the plans and specifications submitted to the building official.
- 5. Switching for industrial or manufacturing process facilities as may be required by production.

Any automatic time switches, installed to comply with these requirements, shall incorporate an over-ride switching device that:

- a. Is readily accessible;
- b. Is located so that a person using the device can see the lights or the areas controlled by the switch, or so that the area being illuminated is annunciated; and
  - c. Is manually operated;
- d. Allows the lighting to remain on for no more than two hours when an over-ride is initiated; and
- e. Controls an area not exceeding 5,000 square feet or 5 percent of footprint for footprints over 100,000 square feet, whichever is greater.

TABLE 15-1

Target Component Values for Other Than Group R Occupancy Buildings of 10,000 Square Feet or Less

		01 1263								
Electric Resistance Other Fuels										
Climate Zone Component	1 ;	2	. 1	. 2						
Glazing % Floor Area	15%	15%	15%	15%						
Glazing U-factor	U = 0.400	U = 0.400	U = 0.650	U = 0.650						
Doors	U = 0.200	U = 0.200	U = 0.400	U = 0.400						
	(R = 5)	(R = 5)	(R = 2.5)	(R = 2.5)						
Ceilings:	, ,									
Attic	U = 0.031	U = 0.031	U = 0.036	U = 0.031						
	(R = 38)	(R = 38)	(R = 30)	(R = 38)						
Single Rafter/	U = 0.034	U = 0.034	U = 0.034	U = 0.034						
Joist Vaulted	(R = 30)	(R = 30)	(R = 30)	(R = 30)						
Walls	U = 0.058	U = 0.044	U = 0.062	U = 0.062						
	(R = 19A)	(R = 19 + 5A)	(R = 19)	(R = 19+5)						
Floors	U = 0.029	U = 0.029	U = 0.041	U = 0.029						
	(R = 30)	(R = 30)	(R = 19)	(R = 30)						
Slub on Grade	F = 0.54	F = 0.54	F = 0.54	F ≈ 0.54						
Slab R-value	(R = 10)	(R = 10)	(R = 10)	(R = 10)						
Below Grade Interior	ļ ·									
Wall R-value	(R = 19)	(R = 19)	(R = 19)	(R = 19)						
2' Depth: Walls Slab	U = 0.043	U = 0.043	U = 0.043	U = 0.043						
	(F = .69)	(F = .69)	(F = .69)	(F = .69)						
3.5' Depth: Walls Slab	U = 0.041	U = 0.041	U = 0.041	U = 0.041						
•	(F = .64)	(F = .64)	(F = .64)	(F = .64)						
7' Depth: Walls Slab	U = 0.037	U = 0.037	U = 0.037	U = 0.037						
	(F = .57)	(F = .57)	(F = .57)	(F = .57)						
Below Grade Exterior			1							
Wall R-value	(R = 10)	(R = 12)	(R = 10)	(R = 12)						
2' Depth: Walls Slab	U = 0.070	U = 0.061	U = 0.070	U = 0.061						
•	(F = .60)	(F = .60)	(F = .60)	(F = .60)						
3.5' Depth: Walls Slab	U = 0.064	U = 0.057	U = 0.064	U = 0.057						
-	(F = .57)	(F = .57)	(F = .57)	(F = .57)						
7' Depth: Walls Slab	U = 0.056	U = 0.050	U = 0.056	U = 0.050						
l '	(F = .42)	(F = .42)	(F = .42)	(F = .42)						

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#### TABLE 15-2A FOR ZONE 1

# COMPONENT REQUIREMENTS FOR ALL SPACES, OTHER THAN GROUP R OCCUPANCY BUILDINGS OVER 10,000 SQUARE FEET

#### Minimum Insulation R-Values or Maximum Component U-Factors for Zone 11

Components									
Roof   All Other   Opaque   Floor   Slab On   Over   Roofs   Wall <sup>2</sup>   Grade   Attic									
1. Buildings 10,000 ft <sup>2</sup> or less <sup>4</sup>		See Tab	les 15-1, 16-	1 and 16-2					
2. All other conditioned spaces	R30 or .036	R21 or .050	R11 or .14 <sup>3</sup>	R19 or .056	R10 .54				

#### Maximum Glazing Areas U-Factors and Shading Coefficients for Zone 1

Maximum Glazing Area as % of Wall	0 % to 20%		> 20% to 30 %		> 30% to 40%		> 40% to 50%		> 50% to 70%	
	Max. U- Factor	Shad'g		Shad'g		Shad'g		Shad'g	U-	Max. Shad'g Coeff.
1. Buildings 10,000 ft <sup>2</sup> or less <sup>4</sup>		Factor Coeff.   Factor   Coeff.   Factor   Coeff.   Factor   Coeff.   See Tables 15-1, 16-1 and 16-2								
2. All other conditioned spaces	.75	1.0	.60	.65	.50	.45	.40	.40	.30	.30

#### **Footnotes**

- 1. All spaces shall be considered conditioned spaces, unless they meet the following conditions for semi-heated spaces. In Zone 1, no more than 8 Btus/ft<sup>2</sup> of input heating capacity shall be installed and heating shall be controlled by a thermostat mounted no lower than the heating unit and capable of preventing heating above 45 degrees space temperature. For semi-heated spaces, the only building envelope requirement shall be that:
  - a, the roof assembly have a maximum of U=0.10 or
  - b. R9 insulation be installed entirely outside of the roof structure and in a continuous manner or
  - c. R11 insulation be installed inside or within a wood roof structure or
  - d. R19 insulation be installed inside or within a metal roof structure
- 2. Below grade walls shall be insulated either on the interior or the exterior. Below grade walls insulated on the exterior shall use a minimum of R-10 insulation. Below grade walls insulated on the interior shall use opaque wall values. No insulation is required for those portions of below grade walls that are more than ten feet below grade. Below grade walls, however, shall not be included in the gross exterior wall area unless insulated to the levels given above.
- 3. If the heat capacity of the concrete/masonry wall is a minimum of 9.0 BTU/ft<sup>2</sup>- deg. F, then the maximum opaque U-factor required shall be .19 for interior insulation and .25 for integral and exterior insulation; glazing shall comply with the following:

Max. Glazing Area as % of Wall	0 to 15 %	>15% to 20 %	>20% to 25 %
Max. U-factor	.75	.65	.60
Max. Shading Coefficient	1.0	.80	.65

4. This includes additions for which the combined square footage of the existing building and the addition is 10,000 square feet or less.

#### TABLE 15-2B FOR ZONE 2

COMPONENT REQUIREMENTS FOR ALL SPACES, OTHER THAN GROUP R OCCUPANCY BUILDINGS OVER 10,000 SQUARE FEET

#### Minimum Insulation R-Values or Maximum Component U-Factors for Zone 21

	Components									
		Roof Over Attic	All Other Roofs	Opaque Wall <sup>2</sup>	Floor	Stab On Grade				
1.	Buildings 10,000 ft <sup>2</sup> or less <sup>5</sup>	See Tables 15-1, 16-3 and 16-4								
2.	All other conditioned spaces	R38 or .031	R25 or .040	R19 or .11 <sup>3</sup>	R21 or .047	R10				

#### Maximum Glazing Areas U-Factors and Shading Coefficients for Zone 2

Maximum Glazing Area as % of Wall	0 to	20 %	> 20% to 25 %		>25% to 30 %		> 30% to 40 %		> 40% to 50 %	
	Max. U- Factor	Shad'g		Shad'g		Shad'g		Shad'g		Max. Shad'g Coeff.
1. Buildings 10,000 ft <sup>2</sup> or less <sup>5</sup>		Factor   Coeff.   Factor   Coeff.   Factor   Coeff.   Factor   Coeff.   Factor   Coeff.   See Tables 15-1, 16-3 and 16-4								
2. All other conditioned spaces	.75	.654	.60	.60	.50	.50	.40	.40	.30	.40

#### **Footnotes**

- 1. All buildings shall be considered conditioned spaces, unless they meet the following conditions for semi-heated buildings. In Zone 2 no more than 12 Btuh/ft<sup>2</sup> of input heating capacity shall be installed and heating shall be controlled by a thermostat mounted no lower than the heating unit and capable of preventing heating above 45 degrees space temperature. For semi-heated spaces, the only building envelope requirement shall be that:
  - 1. Roof insulation have a U=0.07 maximum or
  - 2. R12 insulation be installed entirely outside of the roof structure and in a continuous manner or
  - 3. R19 insulation be installed inside or within a wood roof structure or
  - 4. insulation installed inside or within a metal roof structure shall achieve a maximum U=0.07
- 2. Below grade walls shall be insulated either on the interior or the exterior. Below grade walls insulated on the exterior shall use a minimum of R-12 insulation. Below grade walls insulated on the interior shall use opaque wall values. No insulation is required for those portions of below grade walls that are more than ten feet below grade. Below grade walls, however, shall not be included in the gross exterior wall area unless insulated to the levels given above.
- 3. If the heat capacity of the concrete/masonry wall is a minimum of 9.0 ft<sup>2</sup>.- deg. F, then the maximum opaque U-factor required shall be .19 for interior insulation and .25 for integral and exterior insulation; glazing shall comply with the following:

Max. Glazing Area as % of wall	0 to 5 %	>5% to 7%	>7% to 10%
Max. U-factor	.75	.60	.50
Max. Shading Coefficient	.85	.70	.45

- 4. Clear glass (glass with a shading coefficient of 1.0) may be used, provided maximum fenestration area does not exceed 15% and maximum value for U-Factor does not exceed .75.
- This includes additions for which the combined square footage of the existing building and the addition is 10,000 square feet or less.

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TABLE 15-3
Standard Rating Conditions and Minimum Performance, Warm Air Furnaces and Combination Warm Air Furnaces/Air-conditioning Units

Reference	Category	Rating Condition	Minimum Performance
DOE Test Procedure 10 CFR, Part 430	Gas-Fired <225,000 Btu/h	Seasonal Rating	AFUE 78% <sup>1</sup> (Et) <sup>3</sup> 80%
Appendix N	Oil-Fired <225,000 Btu/h	Seasonal Rating	AFUE 78% <sup>1</sup> (Et) <sup>3</sup> 80%
ANSI Z21.47-83	Gas-Fired > 225,000 Btu/h	Maximum Rating <sup>2</sup> Capacity Steady-State	(Et) <sup>3</sup> 80%
		2. Minimum Rating <sup>2</sup> Capacity Steady-State	(Et) <sup>3</sup> 78%
U.L. 727-86	Oil-Fired > 225,000 Btu/h	1. Maximum Rating <sup>2v</sup> Capacity Steady-State	(Et) <sup>3</sup> 81%
		2. Minimum Rating <sup>2</sup> Capacity Steady-State	(Et) <sup>3</sup> 81 %

- To be consistent with National Appliance Energy Conservation Act (NAECA) of 1987 (Public Law 100-12). These values apply to furnace and combination units covered by NAECA.
- 2. Minimum and maximum ratings as provided for and allowed by the unit's controls.
- 3. See reference for detailed definition of Thermal efficiency (Et), (100% flue losses).

#### **TABLE 15-4**

Standard Rating Conditions and Minimum Performance, Unitary Air Conditioners and Heat Pumps, Air Cooled,

Electrically Operated, <135,000 Btu/h Cooling Capacity, Except Packaged Terminal and Room Air Conditioners<sup>1</sup>

Reference	Category	Sub-category & Rating Conditions (Outdoor Temperatures deg. F.)	Minimum Performance	
	<65,000 Btu/h	Seasonal Rating		
	Cooling Capacity	Split Systems	10.0 SEER	
	Cooling Mode	Single Package	9.7 SEER	
ARI 210/240 -1989	>65,000 and < 135,000 Btu/h	Standard Rating (95° F db)	8.9 EER	
	Cooling Mode	Integrated Part Load Value (80 °F db)	8.3 IPLV	
	<65,000 Btu/h	Seasonal Rating		
	Cooling Capacity Heating Mode (Heat Pump)	Split Systems Single Package	6.8 HSPF 6.6 HSPF	
	>65,000 and <135,000 Btu/h	Split System & Single Package	0.0 HSFF	
į	Cooling Capacity	High Temperature Rating (47° F db/43° Fwb)	3.0 COP	
	Heating Mode	Low Temperature Rating (17° F db/15° F wb)	2.0 COP	

<sup>1.</sup> To be consistent with National Appliance Energy Conservation Act (NAECA) of 1987 (Public Law 100-12).

#### **TABLE 15-5**

Standard Rating and Minimum Performance, Unitary Air Conditioners and Heat Pumps, Evaporatively Cooled, Electrically - Operated, Cooling Mode < 135,000 Btu/h Cooling Capacity, Except Packaged Terminal and Room Air Conditioners

Reference	Category	Rating Condition <sup>0</sup> F  Indoor Temp. Outdoor Temp.	Minimum Performance
ARI 210/240 (89)	< 65,000 Btu/h Cooling Capacity	Standard Rating  80° F db / 67° wb 95° F db / 75° F wb	9.3 EER
	> 36,000 Btu/h and < 65,000 Btu/h	Integrated Part Load Value (80° F db / 67° F wb)	8.5 IPLV
	> 65,000 and < 135,000 Btu/h	Standard Rating  80° F db / 67° F wb 95° F db / 75° F wb	10.5 EER
CTI 201 (86)	> 65,000 and < 135,000 Btu/h	Integrated part Load Value (80° F db /67° F wb)	9.7 IPLV

#### **TABLE 15-6**

Standard Rating Conditions and Minimum Performance,
Water - Cooled Air Conditioners and Heat Pumps,
Electrically - Operated, Cooling Mode <135,000 Btu/h Cooling Capacity

Reference	Category	Rating Conditions	Minimum	
		Indoor Air Temp. Entering Wat	er Temp	Performance
Water-Source	<65,000 Btu/h	Standard Rating		
Heat Pump	Cooling Capacity	80° F db/67° F wb	85° F	9.3 EER
		Low Temperature Rating 80° F db/67° F wb	75° F	10.2 EER
ARI 320-86	>65,000 and <135,000	Standard Rating		
CTI 201 (86)	Btu/h Cooling Capacity	80° F db/67° F wb	85° F	10.5 EER
Groundwater	<135,000 Btu/h	Standard Rating		
Cooled Heat	Cooling Capacity		70° F	11.0 EER
Pumps		Low Temperature Rating		
ARI 325-85		_ L	50° F	11.5 EER
Water-Cooled	<65,000 Btu/h	Standard Rating		
Unitary Air	Cooling Capacity	80° F db/67° F wb	85° F	9.3 EER
Conditioners	ļ	Integrated Part Load Value		
ARI 210/240-89			75° F	8.3 IPLV
CTI 201 (86)	>65,000 and <135,000	Standard Rating	-	
`	Btu/h Cooling Capacity	80° F db/67° F wb	85° F	10.5 EER

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TABLE 15-7
Standard Rating Conditions and Minimum Performance, Packaged Terminal Air Conditioners and Heat Pumps-Air Cooled, Electrically Operated <sup>1</sup>

Reference	Category-PTAC'S & PTAC Heat Pumps	Programments and a seek of the first transfer of transfe	Efficiency Rating	Minimum Performance <sup>2</sup>
ARI 310-90	Cooling Mode	Standard Rating (95° F db) Low Temperature Rating (82° F db)	EER EER	10.0 - (0.16 x Cap/1000) 12.2 - (0.20 x Cap/1000)
ARI 380-90	Heating Mode	Standard Rating (47° F db/43° F wb)	COP	2.9 - (0.026 x Cap/1000)

- 1. For multi-capacity equipment the minimum performance shall apply to each step provided Multi-capacity refers to manufacurer published rating for more than one capacity mode allowed by the product's controls.
- Capacity (Cap) means the rated cooling capacity of the product in Btu/h in accordance with the cited ARI standard. If the unit's capacity is less than 7,000 Btu/h, use 7,000 Btu/h in the calculation. If the unit's capacity is greater than 15,000 Btu/h, use 15,000 Btu/h in the calculation.

TABLE 15-8
Standard Rating Conditions and Minimum Performance,
Room Air Conditioners and Room Air Conditioner Heat Pumps<sup>1</sup>

Reference	Category	Minimum Performance
ANSI / AHAM	Without Reverse Cycle and with Louvered Sides	
RAC - 1 - 82	< 6,000 Btu/h	8.0 EER
	>6,000 < 8,000 Btu/h	8.5 EER
	> 8,000 < 14,000 Btu/h	9.0 EER
	> 14,000 < 20,000 Btu/h	8.8 EER
	> 20,000 Btu/h	8.2 EER
	Without Reverse Cycle and Without Louvered Sides <	
	6,000 Btu/h	8.0 EER
	> 6,000 < 20,000 Btu/h	8.5 EER
	> 20,000 Btu/h	8.2 EER
	With Reverse Cycle and with Louvered Sides	8.5 EER
	With Reverse Cycle, Without Louvered Sides	8.0 EER

1. To be consistent with National Appliance Energy Conservation Act of 1987 (P. L. 100 - 12)

## TABLE 15-9 Standard Rating Conditions and Minimum Performance Water

Standard Rating Conditions and Minimum Performance, Water-Source and Groundwater Source Heat Pumps, Electrically-Operated, <135,000 Btu/h Cooling Capacity

Reference	Rating Conditions <sup>0</sup> F <sup>1</sup>	Minimum Performance
Water - Source Heat Pumps ARI 320-86 CTI 201-86	Standard Rating 70° F Entering Water <sup>2</sup>	3.8 COP
Groundwater - Source Heat Pumps	1. High Temp. Rating 70° F Entering Water <sup>2</sup>	3.8 COP
ARI 325-85	2. Low Temp. Rating 50° F Entering Water <sup>2</sup>	3.0 COP

- 1. Air entering indoor section 70° F db/60°F wb (max.).
- 2. Water Flow Rate Per Mfg. Spec.

### **TABLE 15-10**

Standard Rating Conditions and Minimum Performance, Large Unitary Air Conditioners and Heat Pumps, Electrically - Operated, > 135,000 Btu/h Cooling Capacity

Category / Reference	Efficiency Rating		
Air Conditioners	EER	<760,000 Btu/h: 8.5	>760,000 Btu/h: 8.2
Air - Cooled ARI 360 - 86	IPLV	7.5	
Air conditioners Water / Evap Cooled	EER	9.6	
ARI 360 - 86 CTI 201 - 86	IPLV	9.0	
Heat Pumps Air Cooled - Cooling	EER	<760,000 Btu/h: 8.5	> 760,000 Btu/h: 8.7
All Cooled - Cooling	IPLV	7.5	
Air Cooled - Heating	COP (47° F)	2.9	
ARI 365 - 86	COP (17° F)	2.0	
Condensing Units	EER	9.9	
Air Cooled ARI 365 - 87	IPLV	11.0	
Condensing Units	EER	12.9	
Water / Evap. Cooled ARI 365 - 87 CTI 201 - 86	IPLV	12.9	

- 1. For units that have a heating section, deduct 0.2 from all required EER's and IPLV's.
- Condensing unit requirements are based on single number rating defined in paragraph 5.1.3.2 of ARI Standard 365.

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TABLE 15-11
Standard Rating Conditions and Minimum Performance, Water Chilling Packages,
Water and Air Cooled, Electrically - Operated

Reference	Category	Efficiency Rating	Minimum Performance			
ARI 550-90	Water Cool	ed				
ARI 590-86	>300 tons	COP	5.21			
ARI 201-86		IPLV	5.3 <sup>1</sup>			
-	>150 tons and	COP	4.2			
	<300 tons	IPLV	4.5			
	<150 tons	COP	3.8			
		IPLV	3.9			
	Air Cooled w	Air Cooled with Condenser				
	>150 tons	COP	2.5			
	·	IPLV	2.5			
	<150 tons	COP	2.7			
	Ĺ	IPLV	2.8			
	Air Cooled withou	Air Cooled without Condenser				
	All Capacities	COP	3.1			
		IPLV	3.2			

<sup>1.</sup> These requirements are reduced to 4.7 COP and 4.8 IPLV, where refrigerants with ozone depletion factors of 0.05 or less are used. No reduction is allowed for standard design systems analyzed under Chapter 14.

TABLE 15-12
Standard Rating Conditions and Minimum Performance,
Gas- and Oil-Fired Boilers

Reference	Category	Rating Condition	Minimum Performance
DOE Test Procedure	Gas-Fired	Seasonal	AFUE
10 CFR, Part 430	<300,000 Btu/h	Rating	80% <sup>1,3</sup>
AppN	Oil-Fired	Seasonal	AFUE
	<300,000 Btu/h	Rating	80 % <sup>1</sup>
ANSI Z21.13-87	Gas-Fired	1. Max. Rated Capacity <sup>2</sup>	E <sub>c</sub> <sup>4</sup>
H.I. Htg. Boiler Std. 86	>300,000 Btu/h	Steady-State	80%
ASME PTC4.1-64		2. Min. Rated Capacity <sup>2</sup>	E <sub>c</sub> <sup>4</sup>
U.L. 795-73		Steady-State	80%
U.L. 726-75	Oil-Fired	1. Max. Rated Capacity <sup>2</sup>	E <sub>c</sub> <sup>4</sup>
H.I. Htg. Boiler Std. 86	>300,000 Btu/h	Steady-State	83 %
ASME PTC4.1-64		2. Min. Rated Capacity <sup>2</sup>	E <sub>c</sub> <sup>4</sup>
		Steady-State	83%
H.I. Htg. Boiler Std. 86	Oil-Fired (Residual)	1. Max. Rated Capacity <sup>2</sup>	E <sub>c</sub> <sup>4</sup>
		Steady-State	83 %
ASME PTC4.1-64	>300,000 Btu/h	2. Min. Rated Capacity <sup>2</sup>	E <sub>c</sub> <sup>4</sup>
		Steady-State	83 %

- 1. To be consistent with National Appliance Energy Conservation Act of 1987 (P.L. 100-12).
- 2. Provided and allowed by the controls.
- 3. Except for gas-fired steam boilers for which minimum AFUE is 75%.
- 4.  $E_c$  = combustion efficiency, 100% flue losses. See reference document for detailed information.

**TABLE 15-13** Warm Air Duct Furnaces and Unit Heaters

Reference	Category	Rating Conditions	Minimum Performance
ANSI Z83.9-86	Duct Furnaces Gas-Fired	Max. Rated Capacity <sup>1</sup> Steady State	E <sub>t</sub> <sup>2</sup> 78%
		2. Min. Rated Capacity <sup>1</sup> Steady-State	E <sub>t</sub> <sup>2</sup> 75 %
ANSI Z83.8-85	Unit Heaters Gas-Fired	Max. Rated Capacity <sup>1</sup> Steady State	E <sub>t</sub> <sup>2</sup> 78%
		2. Min. Rated Capacity <sup>1</sup> Steady-State	E <sub>t</sub> <sup>2</sup> 74 %
U.L. 731-88	Unit Heaters Gas-Fired	Max. Rated Capacity <sup>1</sup> Steady State	E <sub>t</sub> <sup>2</sup> 81 %
		2. Min. Rated Capacity <sup>1</sup> Steady-State	E <sub>t</sub> <sup>2</sup> 81 %

- 1. Provided and allowed by the controls.
- $E_t$  = Thermal efficiency, 100%-flue losses. See reference document for detailed information. 2.

**TABLE 15-14 Energy Efficient Electric Motors** Minimum Nominal Full-Load Efficiency

		Open Motors			<b>Closed Motors</b>	
Synchronous Speed (RPM)	3,600	1,800	1,200	3,600	1,800	1,200
HP	Efficiency	Efficiency	Efficiency	Efficiency	Efficiency	Efficiency
1.0	-	82.5	80.0	75.5	82.5	80.0
1.5	82.5	84.0	84.0	82.5	84.0	85.5
2.0	84.0	84.0	85.5	84.0	84.0	86.5
3.0	84.0	86.5	86.5	85.5	87.5	87.5
5.0	85.5	87.5	87.5	87.5	87.5	87.5
7.5	87.5	88.5	88.5	88.5	89.5	89.5
10.0	88.5	89.5	90.2	89.5	89.5	89.5
15.0	89.5	91.0	90.2	90.2	91.0	90.2
20.0	90.2	91.0	91.0	90.2	91.0	90.2
25.0	91.0	91.7	91.7	91.0	92.4	91.7
30.0	91.0	92.4	92.4	91.0	92.4	91.7
40.0	91.7	93.0	93.0	91.7	93.0	93.0
50.0	92.4	93.0	93.0	92.4	93.0	93.0
60.0	93.0	93.6	93.6	93.0	93.6	93.6
75.0	93.0	94.1	93.6	93.0	94.1	93.6
100.0	93.0	94.1	94.1	93.6	94.5	94.1
125.0	93.6	94.5	94.1	94.5	94.5	94.1
150.0	93.6	95.0	94.5	94.5	95.0	95.0
200.0	94.5	95.0	94.5	95.0	95.0	95.0

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#### **TABLE 15-15**

## Insulation of Ducts Installed Thermal Resistance

Duct Location	Other Occupancy
On roof or on exterior of building	R-7 <sup>1</sup>
Attic, garage and crawl space, in walls, in enclosed ceiling space	R-5.3
Within conditioned space or in basements with supply air temperature <55 or > 105° F	R-3.3
In cement or in ground	R-5.3

Note: Requirements apply to both supply and return ducts, whether heated or mechanically cooled. Mechanically cooled ducts requiring insulation shall have a vapor retarder, with a perm rating not greater than 0.5 and all joints sealed.

1. With approved weatherproof barrier.

INSULATION TYPES: Minimum densities and out of package thickness. Nominal R-values are for the insulation as installed and do not include air film resistance.

#### **INSTALLED:**

- R-3.3 1.0 inch 1.5 to 3 lb/cu.ft. duct liner, mineral or glass fiber blanket or equivalent to provide an installed total thermal resistance of at least R-3.3.
- R-5.3 2-inch 0.75 lb/cu./ft. mineral or glass fiber blanket, 1.5-inch 1.5 to 3 lb/cu.ft. duct liner, mineral or glass fiber blanket, 1.5-inch 3 to 7 lb/cu.ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-5.3.
- R-7 3-inch 0.75 lb/cu./ft. mineral or glass fiber blanket, 2-inch 1.5 to 3 lb/cu.ft. duct liner, mineral or glass fiber blanket, 2-inch 3 to 7 lb/cu.ft. mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-7.
- R-8 3.5-inch 0.60 lb/cu./ft. mineral or glass fiber blanket, 3-inch 75 lb/cu.ft. mineral or glass fiber blanket, 2.5-inch 1.5 to 2 lb/cu.ft. duct liner, mineral or glass fiber board or equivalent to provide an installed total thermal resistance of at least R-8.

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TABLE 15-16
Minimum Pipe Insulation (in.)<sup>1</sup>

Fluid Design	Inulation Conductivity		Nominal Pipe Diameter (in.)						
Operating Temp.	Conductivity Range	Mean Rating	Runouts <sup>2</sup>	1 and	1-1.25	2-2.5	5 and 6	8 and up	
Range, <sup>o</sup> F	Btu · in./(h · ft · °F)	Temp. °F	up to 2	less	to 2	to 4			
Heating systems (S	team, Steam Condensate, and Hot	water)		<u> </u>	<del>*</del> -	<del></del>	<del></del>	<del></del>	
Above 350	0.32-0.34	250	1.5	2.5	2.5	3.0	3.5	3.5	
251-150	0.29-0.31	200	1.5	2.5	2.0	2.5	3.5	3.5	
201-250	0.27-0.30	150	1.0	1.5	1.5	2.0	2.0	3.5	
141-200	0.25-0.29	125	0.5	1.5	1.5	1.5	1.5	1.5	
105-140	0.24-0.28	100	0.5	1.0	1.0	1.0	1.5	1.5	
Domestic and Serv	ice Hot Water Systems	L	L	<u> </u>	i	<u> </u>	J	Ĺ	
105 and Greater	0.24-0.28	100	0.5	1.0	1.0	1.5	1.5	1.5	
Cooling Systems (C	Chilled Water, Brine, and Refigera	int) <sup>3</sup>			1 7 7 7	1	1 -:-	1. 1	
40-55	0.23-0.27	75	0.5	0.5	0.75	1.0	1.0	1.0	
Below 40	0.23-0.27	75	1.0	1.0	1.5	1.5	1.5	1.5	

- 1. For minimum thickness of alternative insulation types.
- 2. Runouts to individual terminal units not exceeding 12 ft. in length.
- 3. The required minimum thickness does not consider water vapor transmission and condensation.

  Additional insulation, vapor retarders, or both, may be required to limit water vapor transmission and condensation.

## (OPTION 1 - School and Office Lighting)

#### **TABLE 15-17**

Unit Lighting Power Allowance

Occupancy Description <sup>1</sup>	Unit Lighting Power Allowance <sup>2</sup> (watts/ft <sup>2</sup> )
Painting, welding, carpentry, machine shops	2.3
Barber shops, beauty shops	2.0
Hotel banquet/conference/exhibition hall <sup>3,4</sup>	2.0
Laboratories	2.0
Aircraft repair hangars	1.5
Cafeterias, fast food establishments <sup>5</sup>	1.5
Factories, workshops, handling areas	1.5
Gas stations, auto repair shops <sup>6</sup>	1.5
Institutions	1.5
Libraries <sup>5</sup>	1.5
Nursing homes	1.5
Wholesale stores (pallet rack shelving)	1.5
Mall concourses	1.4
Schools, day care centers	1.35
Laundries	1.3
Office buildings <sup>5,7,11</sup>	1.2
Office/administrative areas in facilities of other use types (including but not limited to schools, hospitals, institutions, museums, banks, churches) <sup>5,7,11</sup>	1.2
Police and fire stations <sup>8</sup>	1.2
Atria (atriums)	1.0
Assembly spaces <sup>9</sup> , auditoriums, gymnasia <sup>9</sup> , theaters	1.0
Process plants	1.0
Restaurants/bars <sup>5</sup>	1.0
Retail A / Retail B <sup>10</sup>	1.0/1.5
Retail banking <sup>10</sup>	1.0
Corridors <sup>7</sup> , lobbies	0.8
Toilet, locker and/or shower facilities, washrooms	0.8
Warehouses <sup>11</sup> , storage areas	0.5
Aircraft storage hangars	0.4
Parking garages	See Section 1505.3.4

#### (OPTION 2 - School Lighting only)

#### **TABLE 15-17**

Unit Lighting Power Allowance

Occupancy Description <sup>1</sup>	Unit Lighting Power Allowance <sup>2</sup> (watts/ft <sup>2</sup> )
Painting, welding, carpentry, machine shops	2.3
Barber shops, beauty shops	2.0
Hotel banquet/conference/exhibition hall <sup>3,4</sup>	2.0
Laboratories	2.0
Aircraft repair hangars	1.5
Cafeterias, fast food establishments <sup>5</sup>	1.5
Factories, workshops, handling areas	1.5
Gas stations, auto repair shops <sup>6</sup>	1.5
Institutions	1.5
Libraries <sup>5</sup>	1.5
Nursing homes	1.5
Wholesale stores (pallet rack shelving)	1.5
Mall concourses	1.4
Schools, day care centers	1.2
Laundries	1.3
Office buildings <sup>5,7,11</sup>	1.2
Office/administrative areas in facilities of other use types (including but not limited to schools, hospitals, institutions, museums, banks, churches)5,7,11	1.2
Police and fire stations <sup>8</sup>	1.2
Atria (atriums)	1.0
Assembly spaces <sup>9</sup> , auditoriums, gymnasia <sup>9</sup> , theaters	1.0
Process plants	1.0
Restaurants/bars <sup>5</sup>	1.0
Retail A / Retail B <sup>10</sup>	1.0/1.5
Retail banking <sup>10</sup>	1.0
Corridors <sup>7</sup> , lobbies	0.8
Toilet, locker and/or shower facilities, washrooms	0.8
Warehouses <sup>11</sup> , storage areas	0.5
Aircraft storage hangars	0.4
Parking garages	See Section 1505.3.4

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#### (OPTION 3 - School Lighting only)

# **TABLE 15-17**Unit Lighting Power Allowance

Occupancy Description <sup>1</sup>	Unit Lighting Power Allowance <sup>2</sup> (watts/f( <sup>2</sup> )
Painting, welding, carpentry, machine shops	2.3
Barber shops, beauty shops	2.0
Hotel banquet/conference/exhibition hall <sup>3,4</sup>	2.0
Laboratories	2.0
Aircraft repair hangars	1.5
Cafeterias, fast food establishments <sup>5</sup>	1.5
Factories, workshops, handling areas	1.5
Gas stations, auto repair shops <sup>6</sup>	1.5
Institutions	1.5
Libraries <sup>5</sup>	1.5
Nursing homes	1.5
Wholesale stores (pallet rack shelving)	1.5
Mall concourses	1.4
Schools, day care centers	1.0
Laundries	1.3
Office buildings <sup>5,7,11</sup>	1.2
Office/administrative areas in facilities of other use types (including but not limited to schools, hospitals, institutions, museums, banks, churches)5,7,11	1.2
Police and fire stations <sup>8</sup>	1.2
Atria (atriums)	1.0
Assembly spaces <sup>9</sup> , auditoriums, gymnasia <sup>9</sup> , theaters	1.0
Process plants	1.0
Restaurants/bars <sup>5</sup>	1.0
Retail A / Retail B <sup>10</sup>	1.0/1.5
Retail banking <sup>10</sup>	1.0
Corridors <sup>7</sup> , lobbies	0.8
Toilet, locker and/or shower facilities, washrooms	0.8
Warehouses <sup>11</sup> , storage areas	0.5
Aircraft storage hangars	0.4
Parking garages	See Section 1505.3.4

#### (OPTION 4 -- Office Lighting only)

# **TABLE 15-17**Unit Lighting Power Allowance

Occupancy Description <sup>1</sup>	Unit Lighting Power Allowance <sup>2</sup> (watts/ft <sup>2</sup> )
Painting, welding, carpentry, machine shops	2.3
Barber shops, beauty shops	2.0
Hotel banquet/conference/exhibition hall <sup>3,4</sup>	2.0
Laboratories	2.0
Aircraft repair hangars	1.5
Cafeterias, fast food establishments <sup>5</sup>	1.5
Factories, workshops, handling areas	1.5
Gas stations, auto repair shops <sup>6</sup>	1.5
Institutions	1.5
Libraries <sup>5</sup>	1.5
Nursing homes	1.5
Wholesale stores (pallet rack shelving)	1.5
Mall concourses	1.4
Schools, day care centers	1.35
Laundries	1.3
Office buildings <sup>5,7,11</sup>	1.0
Office/administrative areas in facilities of other use types (including but not limited to schools, hospitals, institutions, museums, banks, churches)5,7,11	1.0
Police and fire stations <sup>8</sup>	1.0
Atria (atriums)	1.0
Assembly spaces <sup>9</sup> , auditoriums, gymnasia <sup>9</sup> , theaters	1.0
Process plants	1.0
Restaurants/bars <sup>5</sup>	1.0
Retail A / Retail B <sup>10</sup>	1.0/1.5
Retail banking <sup>10</sup>	1.0
Corridors <sup>7</sup> , lobbies	0.8
Toilet, locker and/or shower facilities, washrooms	0.8
Warehouses <sup>11</sup> , storage areas	0.5
Aircraft storage hangars	0.4
Parking garages	See Section 1505.3.4

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#### Footnotes for Table 15-17

- 1. In cases in which an occupancy type is not mentioned specifically, the *Unit Power Allowance* shall be determined by the building official. This determination shall be based upon the most comparable occupancy specified in the table. See Section 1505.3 for exempt areas.
- 2. The watts per square foot may be increased, by two percent per foot of ceiling height above twenty feet, unless specifically directed otherwise by subsequent footnotes.
- 3. Watts per square foot of room may be increased, by two percent per foot of ceiling height above 12 feet.
- 4. For all other spaces, such as seating and common areas, use the *Unit Light Power Allowance* for assembly.
- 5. Watts per square foot of room may be increased by two percent per foot of ceiling height above nine feet.
  - 6. Includes pump area under canopy.
- 7. In cases in which a lighting plan is submitted for only a portion of a floor, a *Unit Lighting Power Allowance* of 1.35 may be used for usable office floor area and 0.80 watts per square foot shall be used for the common areas, which may include elevator space, lobby area, and rest rooms. Common areas, as herein defined do not include mall concourses.
- 8. For the fire engine room, the *Unit Lighting Power Allowance* is 1.0 watts per square foot.
- 9. For indoor sport tournament courts with adjacent spectator seating, the *Unit Lighting Power Allowance* for the court area is 2.6 watts per square foot.
- 10. For both *Retail A* and *Retail B*, light for free-standing display, building showcase illumination, and display window illumination installed within two feet of the window are exempt.

Retail A allows a Unit Lighting Power Allowance of 1.0 watts per square foot. Ceiling mounted adjustable tungsten halogen and HID merchandise display illuminaries are exempt.

Retail B allows a Unit Lighting Power Allowance of 1.5 watts per square foot, including all ceiling mounted merchandise display luminaries.

11. Provided that a floor plan, indicating rack location and height, is submitted, the square footage for a warehouse may be defined, for computing the interior *Unit Lighting Power Allowance*, as the floor area not covered by racks plus the vertical face area of the racks. The height allowance defined in footnote 2 applies only to the floor area not covered by racks.

#### **CHAPTER 16**

## BUILDING DESIGN BY PRESCRIPTIVE REQUIREMENTS APPROACH

#### NEW SECTION

WAC 51-11-1601 Section 1601—Scope.

**1601.1 General:** This chapter establishes design criteria in terms of prescribed requirements for building construction.

The provisions of this chapter are applicable to all occupancies. Occupancies shall comply with all the

requirements of Chapter 15 except for the modifications herein specified.

The building envelope requirements of this chapter may be met by installing one of the prescriptive packages in Tables 16-1 through 16-6 for Other than Group R Occupancy buildings of 10,000 square feet or less. Other than Group R Occupancy buildings over 10,000 square feet shall meet the requirements of Sections 1605 through 1608. Installed components shall meet the requirements of Sections 1602 and 1605. Compliance with nominal R-values shall be demonstrated for the thermal resistance of the added insulation in framing cavities and/or insulated sheathing only and shall not include the thermal transmittance of other building materials or air films, but shall permit interruption by occasional framing members.

#### **NEW SECTION**

WAC 51-11-1602 Section 1602—Building envelope requirements for Other than Group R Occupancy buildings of 10,000 square feet or less.

**1602.1 Roof/Ceiling:** Ceilings below vented attics and single-rafter, joist-vaulted ceilings shall be insulated to not less than the nominal R-value specified for ceilings in Tables 16-1 through 16-6 as applicable.

1602.2 Exterior Walls both Above and Below Grade: Above grade exterior walls shall be insulated to not less than the nominal R-value specified in Tables 16-1 through 16-6 as applicable. The following walls should be considered to meet R-19 without additional documentation:

- 1. 2 x 6 framed and insulated with R-19 fiberglass batts.
- 2. 2 x 4 framed and insulated with R-13 fiberglass batts plus R-3.2 foam sheathing.
- 3. 2 x 4 framed and insulated with R-11 fiberglass batts plus R-5.0 foam sheathing.

1602.3 Exterior Walls (Below Grade): Below grade exterior walls surrounding conditioned space shall be insulated to not less than the nominal R-value specified for below grade walls in Tables 16-1 through 16-6 as applicable.

1602.4 Slab-on-Grade Floors: Slab-on-grade floors shall be insulated along their perimeter to not less than the nominal R-values specified for slab-on-grade floors in Tables 16-1 through 16-6 as applicable. Slab insulation shall be installed in compliance with Section 1502.1.4.8. See Chapter 15, Section 1502.1.4.9, for additional requirements for radiant slab heating.

1602.5 Floors Over Unconditioned Space: Floors over unconditioned spaces, such as vented crawl spaces, unconditioned basements, and parking garages shall be insulated to not less than the nominal R-value shown for floors over unconditioned spaces in Tables 16-1 through 16-6.

1602.6 Exterior Doors: For all doors which are less than fifty percent glazing, including fire doors, the opaque door area shall have a maximum area weighted average U-factor not exceeding that shown in Tables 16-1 through 16-6 and the glazing shall comply with Section 1602.7. U-factors for the opaque door area shall be determined in accordance with Section 1502.1.5.1. For all doors which are fifty

percent or more glazing, the entire door area shall comply with the glazing requirements in Section 1602.7.

**Exception:** Doors whose area and U-factor are included in the calculations for compliance with the requirements for glazing in Section 1602.7 shall be exempt from the U-factor requirements stated above.

#### 1602.7 Glazing

1602.7.1 Glazing Area: The total glazing area as defined in Chapter 12 shall not exceed the percentage of gross conditioned floor area specified in Tables 16-1 through 16-6. This area shall also include any doors using the exception of Section 1602.6.

1602.7.2 Glazing U-factor: The total glazing area as defined in Chapter 12 shall have an area weighted average U-factor not to exceed that specified in Tables 16-1 through 16-6. U-factors for glazing shall be determined in accordance with Section 1502.1.5.1. These areas and U-factors shall also include any doors using the exception of Section 1602.6.

If the U-factors for all glazing products are below the U-factor specified, then no calculations are required. If compliance is to be achieved through an area weighted calculation, then the areas and U-factors shall be included in the plans submitted with a building permit application.

**Exception:** Single glazing for ornamental, security, or architectural purposes shall have its area doubled and shall be included in the percentage of the total glazing area as allowed for in Tables 16-1 through 16-6. The maximum area (before doubling) allowed for the total of all single glazing is one percent of the floor area.

1602.8 Air Leakage for Other than Group R Occupancy Buildings of 10,000 Square Feet or Less: The minimum air leakage control measures shall be as specified in Section 1502.4 as applicable.

#### **NEW SECTION**

WAC 51-11-1603 Section 1603—Building mechanical systems for Other than Group R Occupancy buildings of 10,000 square feet or less.

1603.1: Other than Group R Occupancy buildings of 10,000 square feet or less that are space heated by air-to-air, ground-to-air, or water-to-air heat pumps shall comply with Table 16-2 or 16-4 or 16-6 for other fuels. All mechanical equipment efficiencies and service water heating system efficiencies shall comply with standards as stated in Sections 1503 and 1504 of this Code.

#### **NEW SECTION**

WAC 51-11-1604 Section 1604—Electric power and lighting for Other than Group R Occupancy buildings of 10,000 square feet or less.

**1604.1:** All electrical power and lighting systems shall comply with the requirements of Section 1505.

#### **NEW SECTION**

WAC 51-11-1605 Section 1605—Building envelope requirements for Other than Group R Occupancy buildings over 10,000 square feet.

1605.1 Opaque Envelope Criteria: Roof/ceilings, exterior walls, floors over unconditioned space, below grade walls, and slab on grade floors enclosing heated spaces shall be insulated according to Section 1502 and Table 15-2a or 15-2b.

**1605.2 Glazing Criteria:** Glazing, including all glazing and doors, shall comply with Section 1502 and Table 15-2a or 15-2b.

**1605.3** Air Leakage: All buildings shall comply with the air leakage requirements of Section 1502.4.

#### **NEW SECTION**

WAC 51-11-1606 Section 1606—Building mechanical systems requirements for Other than Group R Occupancy buildings over 10,000 square feet. All building mechanical systems shall comply with the requirements of Section 1503.

#### **NEW SECTION**

WAC 51-11-1607 Section 1607—Service water heating requirement for Other than Group R Occupancy buildings over 10,000 square feet. All service water heating systems shall comply with the requirements of Section 1504.

#### **NEW SECTION**

WAC 51-11-1608 Section 1608—Electrical power and lighting requirements for Other than Group R Occupancy buildings over 10,000 square feet. All electrical power and lighting systems shall comply with the requirements of Section 1505.

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TABLE 16-1\*

Prescriptive Requirements¹ for Other Than Group R Occupancy Buildings of 10,000 Square Feet or Less

Climate Zone 1

Heating by Electric Resistance

Option	Glazing % Floor Area	Glazing U-Factor	Doors U-Factor	Ceiling <sup>2</sup>	Vaulted Ceiling <sup>3</sup>	Wall Above Grade	Wall Int,4 Below Grade	Wall Ext. <sup>4</sup> Below Grade	Floor <sup>5</sup>	Slab <sup>6</sup> on Grade
1.	10%	0.46	0.40	R-38	R-30	R-21	R-21	R-10	R-30	R-10
2.	12%	0.43	0.20	R-38	R-30	R-19	R-19	R-10	R-30	R-10
3.	12%	0.40	0.40	R-38	R-30	R-21	R-21	R-10	R-30	R-10
4. **	15%	0.40	0.20	R-38	R-30	R-19	R-19	R-10	R-30	R-10
5.	18%	0.39	0.20	R-38	R-30	R-21	R-21	R-10	R-30	R-10
6.	21%	0.36	0.20	R-38	R-30	R-21	R-21	R-10	R-30	R-10
7.7	25 %	0.35	0.20	R-38	R-30	R-19+	R-21	R-10	R-30	R-10
8.7	30 %	0.32	0.20	R-38	R-30	R-5 <sup>8</sup> R-19+ R-5 <sup>8</sup>	R-21	R-10	R-30	R-10

<sup>\*</sup> Footnotes for this table follow Table 16-4.

TABLE 16-2\*
Prescriptive Requirements<sup>1</sup> for Other Than Group R Occupancy Buildings of 10,000 Square Feet or Less
Climate Zone 1
Heating by Other Fuels

ption	HVAC <sup>10</sup> Equip. Effic.	Glazing % Floor Area	Glazing U-Factor	Doors U-Factor	Ceiling <sup>2</sup>	Vaulted Ceiling <sup>3</sup>	Wall Above Grade	Wall Int. <sup>4</sup> Below Grade	Wall Ext. <sup>4</sup> Below Grade	Floor <sup>s</sup>	Slab <sup>6</sup> on Grade
	Med.	10%	0.70	0.40	R-30	R-30	R-15	R-15	R-10	R-19	R-10
	Med.	12%	0.62	0.40	R-30	R-30	R-15	R-15	R-10	R-19	R-10
	High	21%	0.75	0.40	R-30	R-30	R-19	R-19	R-10	R-19	R-10
**	Med.	21%	0.65	0.40	R-30	R-30	R-19	R-19	R-10	R-19	R-10
	Low	21%	0.60	0.40	R-30	R-30	R-19	R-19	R-10	R-19	R-10
	Med.	25%	0.50	0.40	R-38	R-30	R-19	R-19	R-10	R-25	R-10
	Med.	30%	0.45	0.40	R-30	R-30	R-19	R-19	R-10	R-25	R-10

<sup>\*</sup> Footnotes for this table follow Table 16-4.

<sup>\*\*</sup> Reference case

<sup>\*\*</sup> Reference case

**TABLE 16-3\*** Prescriptive Requirements<sup>1</sup> for Other Than Group R Occupancy Buildings of 10,000 Sqaure Feet or Less Climate Zone 2 Heating by Electric Resistance

Option	Glazing % Floor Area	Glazing U-Factor	Doors U-Factor	Ceiling <sup>2</sup>	Vaulted Ceiling <sup>3</sup>	Wall Above Gråde	Wall Int <sup>4</sup> Below Grade	Wall Ext <sup>4</sup> Below Grade	Floor	Slab <sup>6</sup> on Grade
1.	10%	0.38	0.20	R-38	R-30	R-21	R-21	R-12	R-30	R-10
2.	12%	0.40	0.20	R-38	R-30	R-19+ R-5 <sup>8</sup>	R-21	R-12	R-25	R-10
3. **	15%	0.40	0.20	R-38	R-30	R-19+ R-5 <sup>8</sup>	R-21	R-12	R-30	R-10
4.	18%	0.38	0.20	R-38	R-30	R-19+ R-5 <sup>8</sup>	R-21	R-12	R-30	R-10
5. <sup>7</sup>	21%	0.35	0.20	R-38 Adv	R-38	R-19+ R-5 <sup>8</sup>	R-21	R-12	R-30	R-10
6. <sup>7</sup>	35 %	0.33	0.20	R-49 Adv	R-38	R-19+ R-5 <sup>8</sup>	R-21	R-12	R-30	R-10
7.7	30%	0.31	0.20	R-60 Adv	R-38	R-21+ R-7.59	R-21	R-12	R-30	R-10

<sup>\*\*</sup> Reference case

# TABLE 16-4\* Prescriptive Requirements<sup>1</sup> Other Than for Group R Occupancy Buildings of 10,000 Square Feet or Less Climate Zone 2 Heating by Other Fuels

Option	HVAC <sup>10</sup> Equip. Effic.	Glazing % Floor Area	Glazing U-Factor	Doors U-Factor	Ceiling <sup>2</sup>	Vaulted Ceiling <sup>3</sup>	Wall Above Grade	Wall Int <sup>4</sup> Below Grade	Wall Ext <sup>4</sup> Below Grade	Floor <sup>5</sup>	Slab <sup>6</sup> on Grade
1.	Med.	10%	0.70	0.40	R-38	R-30	R-19	R-19	R-12	R-25	R-10
2.	Med.	12%	0.65	0.40	R-38	R-30	R-19	R-19	R-12	R-25	R-10
3.	High	17%	0.65	0.40	R-38	R-30	R-19	R-19	R-12	R-25	R-10
4. **	Med.	17%	0.60	0.40	R-38	R-30	R-19	R-19	R-12	R-30	R-10
5.	Low	17%	0.50	0.40	R-38	R-30	R-19	R-19	R-12	R-30	-
6.	Med.	21%	0.50	0.40	R-38	R-30	R-19	R-19	R-12 R-12		R-10
7.7	Med.	25%	0.45	0.40	R-38	R-30				R-30	R-10
8.7	1	,-		i - 1	1						R-10 R-10
8.7	Med.	30%	0.40	0.40	R-38 R-38	R-30 R-30	R-19 R-19	R-19 R-19	R-12 R-12	R-30 R-30	

<sup>\*</sup> Numbered Footnotes for Tables 16-1, 16-2, 16-3 and 16-4 follow.

- Minimum requirements for each option listed. For example, if a proposed design has a glazing ratio to the conditioned floor area of 19 percent, it shall comply with all of the requirements of the 21 percent glazing option (or higher). Proposed designs which cannot meet the specific requirements of a listed option above, may calculate compliance by Chapter 14 or 15 of this Code.
- 2. Requirement applies to all ceiling except single rafter or joist vaulted ceilings. "Adv" denotes Advanced Framed Ceiling.
- 3. Requirement applicable only to single rafter or joist vaulted ceilings.
- 4. Below grade walls shall be insulated either on the exterior to a minimum level of R-10, or on the interior to the same level as walls above grade. Exterior insulation installed on below grade walls shall be a water resistant material, manufactured for its intended use, and installed according to the manufacturer's specifications. See Section 1602.2.
- 5. Floors over crawl spaces or exposed to ambient air conditions.
- 6. Required slab perimeter insulation shall be a water resistant material, manufactured for its intended use, and installed according to manufacturer's specifications. See Section 1602.4.
- 7. These options shall be applicable to buildings less than three stories.
- 8. This wall insulation requirement denotes R-19 wall cavity insulation plus R-5 foam sheathing.
- 9. This wall insulation requirement denotes R-21 wall cavity insulation plus R7.5 foam sheathing.
- 10. Minimum HVAC equipment efficiency requirement. "Low" denotes an AFUE of 0.74. "Med." denotes an AFUE of 0.78. "High" denotes an AFUE of 0.88.

<sup>\*\*</sup> Reference case.

TABLE 16-5\*
Other Than Group R Occupancy Log Buildings of 10,000 Square Feet or Less Prescriptive Requirements¹
Heating by Electric Resistance

Option	Average <sup>2</sup> Log Thickness	Glazing % Floor Area	Glazing U-Factor	Doors U-Factor	Ceiling <sup>3</sup>	Vaulted Ceiling <sup>4</sup>	Floor	Slab <sup>6</sup> on Grade
Climate	Zone 1				1		1	D 10
1.7	5.5"	15%	0.31	0.14	R-60 Adv	R-38	R-38	R-10
2.7	7.5'	15%	0.40	0.20	R-60 Adv	R-38	R-30	R-10
3. **	9.6"	15%	0.40	0.20	R-38	R-30	R-30	R-10
Climate	Zone 2			•				,
4.7	6.7*	15%	0.31	0.14	R-60 Adv	R-38	R-38	R-10
5.7	8.7"	15%	0.40	0.14	R-60 Adv	R-38	R-38	R-10
6.7	9.8"	15%	0.40	0.20	R-60 Adv	R-38	R-30	R-10
7.7	10.5"	15%	0.40	0.20	R-49 Adv	R-38	R-30	R-10
8. **	13.5"	15%	0.40	0.20	R-38	R-30	R-30	R-10

<sup>\*</sup> Footnotes for this table follow Table 16-6

<sup>\*\*</sup> Reference cases

**TABLE 16-6\*** Other Than Group R Occupancy Log Buildings of 10,000 Square Feet or Less Prescriptive Requirements1 Heating by Other Fuels

Option	Average <sup>2</sup> Log Thickness	Glazing % Floor Area	Glazing U-Factor	Doors U-Factor	Ceiling <sup>3</sup>	Vaulted Ceiling <sup>4</sup>	Floor	Slab <sup>6</sup> on Grade
Climate	Zone 1		<u> </u>		Torrison to const	- w. 60 det . 190 et es	<u> </u>	Grade
1.7	3.5"	21 %	0.40	0.39	R-49 Adv	R-38	R-30	R-10
2.	4.4"	21%	0.40	0.40	R-38	R-30	R-19	R-10
3.	5.2"	21%	0.50	0.40	R-38	R-30	R-19	R-10
4.	6.5"	21%	0.60	0.40	R-38	R-30	R-19	R-10
5.	7.0*	21%	0.60	0.40	R-38	R-30	R-19	R-10
6. **	8.2"	21%	0.65	0.40	R-38	R-30	1 1	R-10
Climate	Zone 2				·		<u> </u>	10 10
7.7	3.5*	17%	0.31	0.14	R-60 Adv	R-38	R-38	R-10
8. <sup>7,8</sup>	3.5	17%	0.40	0.40	R-60 Adv	R-38	R-30	R-10
9.7	4.6"	17%	0.40	0.40	R-60 Adv	R-38	R-30	R-10
10.	5.4"	17%	0.40	0.40	R-38	R-30	R-30	R-10
11.	6.8"	17%	0.50	0.40	R-38	R-30	R-30	R-10
12. **	9.0"	17%	0.60	0.40	R-38	R-30	R-30	R-10

<sup>\*</sup> Numbered footnotes for TABLES 16-5 and 16-6 follow.

this Code.

- Use Tables 16-5 or 16-6, accordingly, for only the portion of floor area using log/solid timber walls. 1. Use Tables 16-1 to 16-4 for all other portions of the floor area. Minimum requirements for each option are listed. Interpolations between options is not permitted. Proposed designs, which cannot met the specific requirements of a listed option above, may calculate compliance by Chapters 14 or 15 of this Code.
- 2. Required minimum average log thickness,
- "Adv" denotes Advanced Framing. Requirement applies to all ceilings except single rafter or joist 3. vaulted ceilings.
- 4. Requirement applicable only to single rafter or joist vaulted ceilings.
- 5. Floors over crawl spaces or exposed to ambient air conditions.
- Required slab perimeter insulation shall be a water resistant material, manufactured for its intended 6. use and installed according to manufacturer's specifications.
- 7. These options shall be applicable to buildings less than three stories.
- For this option, minimum HVAC system efficiency is an AFUE of 0.88. 8.

CHAPTER 17	STANDARD NO.	TITLE AND SOURCE
STANDARDS	RS-1	1989 ASHRAE Fundamentals Handbook.
NEW SECTION  WAC 51-11-1701 Section 1701—STANDARDS. The standards and portions thereof, which are referred to in	RS-2	Standard Method of Test for Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors, Specification E283-84 of ASTM.
various parts of this Code shall be part of the Washington State Energy Code and are hereby declared to be a part of		Specifications for Aluminum Windows, ANSI A134.1, 1972.

CODE

Reference case

VSR 92-19-143	Washington State Ro	egister, Issue 92-1	9
	Industry Standard for Wood Window Units, NWWDA IS-2-87, Industry Standard for Wood Sliding Patio Doors,	RS-16	Heating and Air Conditioning Systems— Installation Standards, SMACNA, February 1977.
RS-2B	NWWDA IS-3-88.  AAMA 1503.1-88, 1988 Voluntary Test Method for Thermal Transmittance of	RS-17	SMACNA HVAC Duct Construction Standards, Metal and Flexible, 1st edition, Vienna, VA, 1985.
	Windows, Doors and Glazed Wall	RS-18	Same as Standard RS-17.
RS-2C	Sections.  ASTM C236-87 Test for Thermal Conductance and Transmittance of Built-	RS-19	SMACNA Fibrous Glass Duct Construction Standards, 6th edition, Vienna, VA, 1990.
	Up Sections by Means of a Guarded Hot Box; and ASTM C976-82 Thermal Performance of Building Assemblies by	RS-20	1990 ASHRAE Refrigeration Systems and Applications Handbook.
RS-3	Means of the Calibrated Hot Box.  ASHRAE Standard 62-89 Ventilation for	RS-21	Standard for Package Terminal Heat Pumps, ARI Standard 380-90.
RS-4	Acceptable Indoor Air Quality.  ASHRAE Standard 55-81 Thermal Environmental Conditions for Human	RS-22	ASTM E779-87 Standard Practice for Measuring Air Leakage by the Fan Pressurization Method.
RS-5	Occupancy.  DOE Test Procedures for Water Heaters, 10 C.F.R. Part 430 Appendix E to Subpart	RS-23	ASTM E741 Standard Practice for Measuring Air Leakage by the Tracer Dilution Method.
	В.	RS-24	Standard 24 C.F.R. Part 3280 HUD.
RS-6	Household Automatic Electric Storage- Type Water Heaters, ANSI C72.1-1972.	RS-25	Thermal Bridge in Sheet Metal Construction from Appendix E of RS-9.
RS-7	Gas Water Heaters, Volume III, Circulating Tank, Instantaneous and Large Automatic Storage-Type Water Heaters, ANSI Z21.10.3, 1974.	RS-26	Super Good Cents Heat Loss Technical Reference.
RS-8	IES Lighting Handbook, Illuminating		TED AUTHORITATIVE AGENCIES
715 0	Engineering Society, 1984 Reference Volume, 1987 Application Volume.		o the American Architectural Manufacturers East Wacker Drive, Chicago, IL 60601
RS-9	ASHRAE Standard 90.1-1989, Efficient Design of New Buildings Except New		o American Home Appliance Manufacturers, er Drive, Chicago, IL 60606
DC 10	Low-Rise Residential Buildings.		the American National Standards Institute, dway, New York, NY 10018
RS-10	Standard for Packaged Terminal Air Conditioners, ARI Standard 310-87.	•	the Air Conditioning and Refrigeration
RS-11	1991 ASHRAE HVAC Applications Handbook.	Institute, 1815 N	North Fort Myer Drive, Arlington, VA 22209 ers to the American Society of Heating,
RS-12	Energy Calculations I: Procedures for Determining Heating and Cooling Loads	Refrigerating a	and Air Conditioning Engineers, Inc., 1791 E., Atlanta, GA 30329
	for Computerizing Energy Calculations— Algorithms for Building Heat Transfer Subsystems, ASHRAE 1975.	Materials, 1916	to the American Society for Testing and Race Street, Philadelphia, PA 19103
RS-13	Energy Calculations II: Procedures for		o Gas Appliance Manufacturers Association, h Fort Myer Drive, Arlington, VA 22209
	Simulating the Performance of Components and Systems for Energy		lluminating Engineering Society, 345 East

47th Street, New York, NY 10017 NESCA refers to the National Environmental System Contractors Association, 1501 Wilson Blvd., Arlington, VA 22209

NFRC refers to National Fenestration Rating Council, 962 Wayne Avenue, Suite 750, Silver Spring, MD 20910

NWWDA refers to the National Wood Window and Door Association, 1400 East Toughy Avenue, Suite G-54, Des Plaines, IL 60018

Calculations, 3rd edition, ASHRAE 1975.

Standard for Positive Displacement

Refrigerant Compressor and Condensing

1992 ASHRAE HVAC Systems and

Units, ARI Standard 520-74.

Equipment Handbook.

**RS-14** 

**RS-15** 

SMACNA refers to the Sheet Metal and Air Conditioning Contractors National Association, Inc., 8224 Old Courthouse Rd., Tysons Corner, Vienna, VA 22180

#### **CHAPTER 18**

#### SUGGESTED SOFTWARE FOR CHAPTER 14 SYSTEMS ANALYSIS APPROACH

#### **NEW SECTION**

WAC 51-11-1801 Section 1801—Programs acceptable for all projects for full-year hourly analysis.

Program Name	Source
ADM.2, ADM-DOE	ADM Associates 3299 Ramos Circle Sacramento, CA 95827 (916) 363-8383
Micro-Axcess 10.1, PC	Edison Electric Institute P.O. Box 1235 Roswell, GA 30077 (404) 993-2406
Blast 3.0 (Level 193)	Blast Support Office University of Illinois Dept. of Mechanical and Industrial Engineering 1206 W. Green Room 30, MEB Urbana, Il 61801 1-800-842-5278
DOE 2.1	Energy Science and Technology Software Center P.O. Box 1220 Oakridge, TN 37831-1020 (615) 576-2606
ESAS	Ross Meriweather Consulting, Engineering 3315 Outrider San Antonio, TX 78247-4405 (512) 490-7081
ESP-II	Automated Procedures for Engineering Consultants, Inc. Miami Valley Tower, Suite 2100 40 W. 4th St Dayton, OH 45402 (513) 228-2602
HAP 2.02	Carrier Air Conditioning 655 S. Orcas, Suite 10 Seattle, WA 98108 (206) 767-6340
MICRO-DOE	Acrosoft International, Inc. 9745 E. Hampden Ave, Suite 230 Denver, CO 80231 (303) 368-9225
ULTRA 600 Version 11.9	The Trane Co. 3600 Pammel Creek Rd. Lacrosse, WI 54601 (608) 787-3926

#### **Programs only Acceptable for Projects** 25,000 Square Feet or Less Other than Group R Occupancy

Program Name

Source

**ASEAM** 

Advanced Sciences Inc. 2000 N. 15th St., Suite 407 Arlington, VA 22201-2627

(703) 243-4900

**Building Energy** Elite Software Analysis and Easy DOE PO Drawer 1194

> Bryan, TX 77806 (409) 846-2340

**ESE** Sea Gate

> 5001 W. 80th St., Suite 204 Bloomington, MN 55437

(612) 844-8000

Trakload 4.0 SRC Systems Load Shaper

1300 Clay St., Suite 850 Market Manager Oakland, CA 94612

(510) 839-2700

COMPLY 3.2 Gable, Dodd, & Assoc.

1818 Harmon Berkeley, CA 94703 (510) 428-0803

XENCAP 4.5 XENERGY

> 492 9th Street, Suite 220 Oakland, CA 94607 (510) 891-0446

#### **CHAPTER 19**

#### ASSUMPTIONS TO BE USED WITH CHAPTER 14 SYSTEMS ANALYSIS

#### **NEW SECTION**

WAC 51-11-1901 Section 1901—General. The requirements in Section 1902 are based on Section 13 of ASHRAE/IES Standard 90.1-1989 and addenda. They are similar but not identical to that standard.

1901.1 (Reserved)

1901.2 Compliance for Other than Group R Occupancy: Other than Group R Occupancy shall comply with Section 1902.

#### **NEW SECTION**

WAC 51-11-1902 Section 1902-Standard calculation procedure. The standard calculation procedure consists of methods and assumptions for calculating the standard energy consumption for the standard building and the proposed energy consumption of the proposed design. In order to maintain consistency between the standard and the proposed design energy consumptions, the input assumptions in this section shall be used.

"Prescribed" assumptions shall be used without variation. "Default" assumptions shall be used unless the designer can demonstrate that a different assumption better characterizes the building's use over its expected life. Any modification of a default assumption shall be used in modeling both the standard building and the proposed design unless the designer demonstrates a clear cause to do otherwise.

1902.1 Orientation and Shape: The standard building shall consist of the same number of stories and gross floor area for each story as the proposed design. Each floor shall be oriented exactly as the proposed design. The geometric form shall be the same as the proposed design.

1902.2 Internal Loads: Internal loads shall be modeled as noted in the following parts of Section 1902.2. The systems specified for calculating the standard energy

consumption in Section 1902.2 are intended only as constraints in calculating the consumption. They are not intended as requirements or recommendations for systems to be used in the proposed building or for the calculation of the proposed energy consumption.

1902.2.1 Occupancy: Occupancy schedules shall be default assumptions. The same assumptions shall be made in computing proposed energy consumption as were used in calculating the standard energy consumption. Occupancy levels vary by building type and time of day. Table 19-1 establishes the density presented as ft²/person of conditioned floor area that will be used by each building type. Table 19-2 establishes the percentage of the people that are in the building by hours of the day for each building type.

1902.2.2 Lighting: The interior lighting power allowance for calculating the standard energy consumption shall be determined from Section 1505.3.2. The lighting power used to calculate the proposed energy consumption shall be the actual lighting power of the proposed lighting design. Exempt lighting in the standard design shall be equal to the exempt lighting in the proposed design.

Lighting levels in buildings vary based on the type of uses within buildings, by area and by time of day. Table 19-2 contains the lighting energy profiles which establish the percentage of the lighting load that is switched ON in each prototype or reference building by hour of the day. These profiles are default assumptions and can be changed if required when calculating the standard energy consumption to provide, for example, a 12-hour rather than an 8-hour work day or to reflect the use of automatic lighting controls. The lighting schedules used in the standard and proposed designs shall be identical and shall reflect the type of controls to be installed in the proposed design. The controls in the proposed design shall comply with the requirements in Section 1505.4 and no credit shall be given for the use of any additional controls, automatic or otherwise.

1902.2.3 Receptacle: Receptacle loads and profiles are default assumptions. The same assumptions shall be made in calculating proposed energy consumption as were used in calculating the standard energy consumption. Receptacle loads include all general service loads that are typical in a building. These loads should include additional process electrical usage but exclude HVAC primary or auxiliary electrical usage. Table 19-1 establishes the density in W/ft<sup>2</sup> to be used. The receptacle energy profiles shall be the same as the lighting energy profiles in Table 19-2. This profile establishes the percentage of the receptacle load that is switched ON by hour of the day and by building type.

#### 1902.3 Envelope

1902.3.1 Insulation and Glazing: For Other than Group R Occupancy buildings of 10,000 square feet or less glazing area and U-factor of the standard building envelope shall be determined by using the requirements of Table 15-1. For Other than Group R Occupancy buildings over 10,000 square feet the glazing of the standard building shall be the lesser of the proposed building glazing area or the maximum area allowed using the target UA requirements in Table 15-2a or 15-2b for that glazing area for the appropriate use. The glazing shading coefficient of the standard building shall be the lesser of 0.65 and the shading coefficient required by Table 15-2a or 15-2b for the glazing area for appropriate use. The opaque area U-factors of the standard building

shall be determined by using the target UA requirements from Table 15-2a or 15-2b including the appropriate mass for walls. The insulation characteristics and glazing area are prescribed assumptions for standard building for calculating the standard energy consumption. In the calculation of the proposed energy consumption of the proposed design, the envelope characteristics of the proposed design shall be used. The standard and proposed designs shall have equal glazing areas. The distribution of glazing in the gross wall area of the standard design shall be equal to the distribution of glazing in the proposed design or shall constitute an equal percentage of gross wall area on all sides of the standard building.

1902.3.2 Infiltration: For standard and proposed buildings, infiltration assumptions shall be equal.

1902.3.3 Envelope and Ground Absorptivities: For standard building, absorptivity assumptions shall be default assumptions for computing the standard energy consumption and default assumptions for computing the proposed energy consumption. The solar absorptivity of opaque elements of the building envelope shall be assumed to be 70 percent. The solar absorptivity of ground surfaces shall be assumed to be 80 percent (20 percent reflectivity).

1902.3.4 Window Treatment: No draperies or blinds shall be modeled for the standard or proposed building.

1902.3.5 Shading: For standard building and the proposed design, shading by permanent structures and terrain shall be taken into account for computing energy consumption whether or not these features are located on the building site. A permanent fixture is one that is likely to remain for the life of the proposed design. Credit may be taken for external shading devices that are part of the proposed design.

1902.4 HVAC Systems and Equipment: For the standard building the HVAC system used shall be the system type used in the proposed design. If the proposed HVAC system type does not comply with Section 1503, the standard design system shall comply in all respects with Section 1503.

Exception: When approved by the building official, a prototype HVAC system may be used, if the proposed design system cannot be modified to comply with Section 1503, as a standard design. Use of prototype HVAC systems shall only be permitted for the building types listed below. For mixed-use buildings, the floor space of each building type is allocated within the floor space of the standard building. The specifications and requirements for the HVAC systems of prototype buildings shall be those in Tables 19-3 and 19-4.

- 1. assembly
- 2. health/institutional
- hotel/motel
- 4. light manufacturing
- 5. office (business)
- 6. restaurant
- 7. retail (mercantile)
- 8. school (educational)
- 9. warehouse (storage)

1902.4.1 HVAC Zones: HVAC zones for calculating the standard energy consumption and proposed energy consumption shall consist of at least four perimeter and one interior zone per floor, with at least one perimeter zone facing each orientation. The perimeter zones shall be fifteen feet in width or one-third the narrow dimension of the building when this dimension is between 30 and 45 feet

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inclusive or half the narrow dimension of the building when this dimension is less than thirty feet.

#### **Exceptions:**

- 1. Building types such as assembly or warehouse may be modeled as a single zone if there is only one space.
- 2. Thermally similar zones, such as those facing one orientation on different floors, may be grouped together for the purposes of either the standard or proposed building simulation.
- 1902.4.2 Process Equipment Sizing: Process sensible and latent loads shall be equal in calculating both the standard energy consumption and the proposed energy consumption. The designer shall document the installation of process equipment and the size of process loads.

1902.4.3 HVAC Equipment Sizing: The equipment shall be sized in accordance with the methods of Section 1503 to include the capacity to meet the process loads. For calculating the proposed energy consumption, actual air flow rates and installed equipment size shall be used in the simulation. Equipment sizing in the simulation of the proposed design shall correspond to the equipment intended to be selected for the design and the designer shall not use equipment sized automatically by the simulation tool.

Equipment sizing for the standard design shall be based on the lesser of the capacity required to meet the loads of the standard design with a safety factor equal to that used in the proposed design or 150 percent of the capacity required to meet the loads of the standard designs.

Chilled water systems for the standard building shall be modeled using a reciprocating chiller for systems with total cooling capacities less than 175 tons, and centrifugal chillers for systems with cooling capacities of 175 tons or greater. For systems with cooling capacities of 600 tons or more the standard energy consumption shall be calculated using two centrifugal chillers, lead/lag controlled. Chilled water shall be assumed to be controlled at a constant 44 degree F. temperature rise, from 44 degrees F. to 56 degrees F., operating at 65 percent combined impeller and motor efficiency. Condenser water pumps shall be sized using a 10 degree F. temperature rise, operating at 60 percent combined impeller and motor efficiency. The cooling tower shall be an open circuit, centrifugal blower type sized for the larger of 85 degrees F. leaving water temperature or 10 degrees F. approach to design wetbulb temperature. The tower shall be controlled to provide a 65 degrees F. leaving water temperature whenever weather conditions permit, floating up to design leaving water temperature at design conditions.

1902.4.4 Variable Speed: The energy of the combined fan system per air volume at design conditions (w/cfm) of the proposed design shall be equal to that of the standard design.

Variable air volume fan systems in the standard building shall be variable speed.

1902.5 Service Water Heating: The service water heating loads for prototype buildings are defined in terms of Btu/person-hour in Table 19-1. The values in the table refer to energy content of the heated water. The service water heating loads from Table 19-1 are default for all buildings. The same service-water-heating load assumptions shall be made in calculating proposed energy consumption as were used in calculating the standard energy consumption. The

service water heating system for the standard building shall be modeled as closely as possible as if it were designed in accordance with the ASHRAE Handbook, 1987 HVAC Systems and Applications Volume, and meeting all the requirements of Section 1504.

#### 1902.6 Controls

1902.6.1: All occupied conditioned spaces in standard and proposed design buildings in all climates shall be simulated as being both heated and cooled.

#### **Exceptions:**

- 1. If a building or portion of a building is to be provided with only heating or cooling, both the standard building and the proposed design shall be simulated using the same assumptions.
- 2. If warehouses are not intended to be mechanically cooled, both the standard and proposed energy consumption shall be modeled assuming no mechanical cooling.
- 1902.6.2: Space temperature controls for the standard building, shall be set at 70 degrees F. for space heating and 75 degrees F. for space cooling, with a deadband in accordance with Section 1503.8. The system shall be OFF during off-hours according to the appropriate schedule in Table 19-2, except that the heating system shall cycle ON if any space should drop below the night setback setting of 55 degrees F. There shall be no similar setpoint during the cooling season. Lesser deadband ranges may be used in calculating the proposed energy consumption.

#### **Exceptions:**

- 1. Setback shall not be modeled in determining either the standard or proposed energy consumption if setback is not realistic for the proposed design such as a facility being operated 24 hours/day. For instance health facilities need not have night setback during the heating season.
- 2. If deadband controls are not to be installed, the proposed energy consumption shall be calculated with both heating and cooling thermostat setpoints set to the same value between 70 degrees F. and 75 degrees F. inclusive, assumed to be constant for the year.
- 1902.6.3: When providing for outdoor air ventilation when calculating the standard energy consumption, controls shall be assumed to close the outside air intake to reduce the flow of outside air to 0.0 cfm during "setback" and "unoccupied" periods. Ventilation using inside air may still be required to maintain scheduled setback temperature. Outside air ventilation, during occupied periods, shall be as required by the Washington State Ventilation and Indoor Air Quality Code.
- 1902.6.4: If humidification is to be used in the proposed design, the same level of humidification and system type shall be used in the standard building.

1902.7 (Reserved)

**TABLE 19-1** Acceptable Occupancy Densities, Receptacle Power Densities and Service Hot Water Consumption<sup>1</sup>

Building Type	Occupancy Density <sup>2</sup> Ft <sup>2</sup> /Person (Btu/h-ft <sup>2</sup> )	Receptable Power Density <sup>3</sup> Watts/Ft <sup>2</sup> (Btu/h-ft <sup>2</sup> )	Service Hot Water Quantities <sup>4</sup> Btu/h person
Assembly	50 (4.60)	0.25 (0.85)	215
Health/Institutional	200 (1.15)	1.0 (3.41)	135
Hotel/Motel	250 (0.92)	0.25 (0.85)	1,110
Light Manufacturing	750 (0.31)	0.2 (0.68)	225
Office	275 (0.84)	0.75 (2.56)	175
Parking Garage	N.A.	N.A.	N.A.
Restaurant	100 (2.30)	0.1 (0.34)	390
Retail	300 (0.77)	0.25 (0.85)	135
School	75 (3.07)	0.5 (1.71)	215
Warehouse	15,000 (0.02)	0.1 (0.34)	225

- 1. The occupancy densities, receptacle power densities and service hot water consumption values are from ASHRAE Standard 90.1-1989 and addenda.

  2. Values are in square feet of conditioned floor area per person. Heat generation in Btu per person per hour is 230 sensible and 190 latent. Figures in parentheses are equivalent Btu per hour per square foot.

  3. Values are in Watts per square foot of conditioned floor area. Figures in
- parentheses are equivalent Btu per hour per square foot. These values are the minimum acceptable. If other process loads are not input (such as for computers, cooking, refrigeration, etc.), it is recommended that receptacle power densities be increased until total process energy consumption is equivalent to 25% of the total.
- Values are in Btu per person per hour and were developed to be used with the occupancy density listed and the schedules which follow.

TABLE 19-2a
Assembly Occupancy<sup>1</sup>

		100 A to 100 T.A.	nedule ccupan	Se 2 2 1 1 2 2 2	L	edule ( lighting eceptac	3		edule AC Sys		Sch Servic	edule e Hot	1 1 NYSS X (	336 34 35,440 444 .	edule levate	<ol> <li>A 48600 S000 C</li> </ol>
He	our of Day	4897 Y.Y.T.	ercent ( imum l	A. 194601999	100 00 00 J. T. T.	ercent o	6.679900				194 7 33336	rcent mum	00004787CRUBE		rcent mum	of Load
	(time)	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun
ı	(12-1am)	0	0	0	5	5	5	off	off	off	0	0	0	0	0	0
2	(1-2am)	0	0	0	5	5	5	off	off	off	0	0	0	0	0	0
3	(2-3am)	0	0	0	5	5	5	off	off	off	0	0	0	0	0	0
4	(3-4am)	0	0	0	5	5	5	off	off	off	0	0	0	0	0	0
5	(4-5am)	0	0	0	5	5	5	off	off	off	0	0	0	0	0	0
6	(5-6am)	0	0	0	5	5	5	on	off	off	0	0	0	0	0	0
7	(6-7am)	0	0	0	40	5	5	on	on	on	0	0	0	0	0	0
8	(7-8am)	0	0	0	40	30	30	on	on	on	0	0	0	0	0	0
9	(8-9am)	20	20	10	40	30	30	on	on	on	0	0	0	0	0	0
10	(9-10am)	20	20	10	75	50	30	on	on	on	5	5	5	0	0	0
11	(10-11am)	20	20	10	75	50	30	on	on	on	5	5	5	0	0	0
12	(11-12pm)	80	60	10	75	50	30	on	on	on	35	20	10	0	0	0
13	(12-1pm)	80	60	10	75	50	65	on	on	on	5	0	0	0	0	0
14	(1-2pm)	80	60	70	75	50	65	on	on	on	5	0	0	0	0	0
15	(2-3pm)	80	60	70	75	50	65	on	on	on	5	0	0	0.	0	0
16	(3-4pm)	80	60	70	75	50	65	on	on	on	5	0	0	0	0	0
17	(4-5pm)	80	60	70	75	50	65	on	on	on	5	0	0	0	0	0
18	(5-6pm)	80	60	70	75	50	65	on	on	on	0	0	0	0	0	0
19	(6-7pm)	20	60	70	75	50	65	on	on	on	0	0	0	0	0	0
20	(7-8pm)	20	60	70	75	50	65	on	on	on	0	65	65	0	0	0
21	(8-9pm)	20	60	70	75	50	65	on	on	on	0	30	30	0	0	0
22	(9-10pm)	20	80	70	75	50	65	on	on	on	0	0	0	0	0	0
23	(10-11pm)	10	10	20	25	50	5	on	on	on	0	0	0	0	0	0
24	(11-12am)	0	0	0	5	5	5	off	off	off	0	0	0	0	0	0
То	tal/Day	710	750	700	1155	800	845	1800	1700	1700	70	125	115	0	0	0
То	tal/Week		50.50	hours		74.20	hours		124	hours		5.9	hours	1	0	hours
Ιτο	tal/Year	1	2633	hours		3869	hours	]	6465	hours	l	308	hours	<u> </u>	0 ′	hours

Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

TABLE 19-2b Health Occupancy<sup>1</sup>

Percent of   Maximum Load   Wkdy Sat Sun		Lighti Recept		V. 100 S.	chedul ACS	e for ystem		chedul ice Ho	e for t Water	S	chedul Eleva	
1 (12-1am) 0 0 0 0 2 (1-2am) 0 0 0 0 3 (2-3am) 0 0 0 0 4 (3-4am) 0 0 0 0 5 (4-5am) 0 0 0 0 6 (5-6am) 0 0 0 0 7 (6-7am) 0 0 0 0 8 (7-8am) 10 10 0 0 9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	Ma	Percen ximum	Load				Ma		Load		Percen ximum	t of 1 Load
2 (1-2am) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	_	y Sat	Sun	Wkdy	Sat	Sun	Wkd	y Sat	Sun	Wkd	y Sat	Sun
3 (2-3am) 0 0 0 0 0 4 (3-4am) 0 0 0 0 0 5 (4-5am) 0 0 0 0 0 6 (5-6am) 0 0 0 0 7 (6-7am) 0 0 0 0 8 (7-8am) 10 10 0 9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	10	10	5	on	on	on	1	1	1	Το	0	0
4 (3-4am) 0 0 0 0 5 (4-5am) 0 0 0 0 6 (5-6am) 0 0 0 7 (6-7am) 0 0 0 8 (7-8am) 10 10 0 9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	10	10	5	on	on	on	1	1	1	0	Ō	Ö
5 (4-5am) 0 0 0 6 (5-6am) 0 0 0 7 (6-7am) 0 0 0 8 (7-8am) 10 10 0 9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	10	10	5	on	on	on	1	1	1	0	Ō	Ö
6 (5-6am) 0 0 0 7 (6-7am) 0 0 0 8 (7-8am) 10 10 0 9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	10	10	5	on	on	on	1	1	1	0	Ō	Ō
7 (6-7am) 0 0 0 8 (7-8am) 10 10 0 9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	10	10	5	on	on	on	1	1	1	0	Ō	Ö
8 (7-8am) 10 10 0 9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	10	10	5	on	on	, on	1	1	1	0	0	Ö
9 (8-9am) 50 30 5 10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	10	10	5	on	on	on	1	1	1	0	0	Ö
10 (9-10am) 80 40 5 11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	50	20	5	on	on	on	17	1	1	2	2	0
11 (10-11am) 80 40 5 12 (11-12pm) 80 40 5	90	40	10	on	on	on	58	20	1	75	46	2
12 (11-12pm) 80 40 5	90	40	10	on	on	on	66	28	1	100	70	2
( <b></b> p)   00 +0 5	90	40	10	on	on	on	78	30	1	100	70	2
	90	40	10	on	on	on	82	30	1	100	70	2
1 0 40 J	90	40	10	on	on	on	71	24	1	75	51	2
14 (1-2pm) 80 40 5	90	40	10	on	on	on	82	24	1	100	51	2
15 (2-3pm) 80 40 5	90	40	10	on	on	on	78	23	1	100	51	2
16 (3-4pm) 80 40 5	90	40	10	on	on	on	74	23	1	100	51	2
17 (4-5pm) 80 40 0	30	40	5	on	on	on	63	23	1	100	51	ō
18 (5-6pm) 50 10 0	30	40	5	on	on	on	41	10	1	100	25	ő
19 (6-7pm) 30 10 0	30	10	5	on	on	on	18	1	1	52	2	0
20 (7-8pm)   30 0 0	30	10	5	on	on	on	18	1	1	52	0	0
21 (8-9pm)   20 0 0	30	10	5	on	on	on	18	1	1	52	0	0
22 (9-10pm)   20 0 0	30	10	5	on	on	on	10	1	1	28	0	0
23 (10-11pm) 0 0 0	30	10	5	on	on	on	1	1	1	0	0	0
24 (11-12am) 0 0 0	10	10	5	on	on	on	1	1	1	0	0	0
Total/Day 850 380 40	1060	550	160	2400	2400	2400	783	249	24	1126	540	
Total/Week 46.70 hours		60.10			168	hours	103	41.88		1136	540	16
Total/Year 2435 hours			hours		8760	hours		2148	hours hours		62.36 3251	hours hours

<sup>1.</sup> Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

Proposed [ 202 ]

TABLE 19-2c Hotel/Motel Occupancy<sup>1</sup>

		388886550.70	edule fo	2.6600000000000000000000000000000000000	L	edule f ighting ceptacl			edule f C Syst		*400000000000000000	edule fo e Hot V	340000000000000000000000000000000000000	990000000000000000000000000000000000000	edule f levator	
Н	our of Day		rcent o mum L		300 CO CO CO CO CO	rcent o mum L	ASSESSMENT OF THE				120000000000000000000000000000000000000	rcent o mum L	oad.	Maxi	rcent o mum I	.oad
	A. A	Wkdy	Sat		Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun
1	(12-1am)	90	90	70	20	20	30	on	on	on	20	20	25	40	44	55
2	(1-2am)	90	90	70	15	20	30	on	on	on	15	15	20	33	35	55
3	(2-3am)	90	90	70	10	10	20	on	on	on	15	15	20	33	35	43
4	(3-4am)	90	90	70	10	10	20	on	on	on	15	15	20	33	35	43
5	(4-5am)	90	90	70	10	10	20	on	on	on	20	20	20	33	35	43
6	(5-6am)	90	90	70	20	10	20	on	on	on	25	25	30	33	35	43
7	(6-7am)	70	70	70	40	30	30	on	on	on	50	40	50	42	40	52
8	(7-8am)	40	50	70	50	30	40	on	on	on	60	50	50	42	32	52
9	(8-9am)	40	50	50	40	40	40	on	on	on	55	50	50	52	45	65
10	(9-10am)	20	30	50	40	40	30	on	on	on	45	50	55	52	45	65
11	(10-11am)	20	30	50	25	30	30	on	on	on	40	45	50	40	42	53
12	(11-12pm)	20	30	30	25	25	30	on	on	on	45	50	50	51	60	60
13	(12-1pm)	20	30	30	25	25	30	on	on	on	40	50	40	51	65	53
14	(1-2pm)	20	30	20	25	25	20	on	on	on	35	45	40	51	65	51
15	(2-3pm)	20	30	20	25	25	20	on	on	on	30	40	30	51	65	50
16	(3-4pm)	30	30	20	25	25	20	on	on	on	30	40	30	51	65	44
17	(4-5pm)	50	30	30	25	25	20	on	on	on	30	35	30	63	65	64
18		50	50	40	25	25	20	on	on	on	40	40	40	80	75	62
119	`	50	60	40	60	60	50	on	on	on	55	55	50	86	80	65
20	<b>,</b> , ,	70	60	60	80	70	70	on	on	on	60	55	50	70	80	63
51	(8-9pm)	70	60	60	90	70	80	on	on	on	50	50	40	70	75	63
22	• •	80	70	80	80	70	60	on	on	on	55	55	50	70	75	63
23	• •	90	70	80	60	60	<b>5</b> 0	on	on	on	45	40	40	45	55	40
24		90	70	80	30	30	30	on	on	on	25	30	20	45	55	40
h.	otal/Day	1390	1390	1300	855	785	810	2400	2400	2400	915	930	900	1217	1303	1287
1	otal/Week	1	96.40	hours	:	58.70	hours		168.0	hours		64.05		l	86.75	
	otal/Year		5026	hours	:1	3061	hours	l	8760	hours		3340	hours		4523	hours

Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989
and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for
restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when
occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

TABLE 19-2d
Light Manufacuring Occupancy<sup>1</sup>

			Schedul Occupa			chedul Lighti Recept	ng		chedul /AC S			ichedul vice Ho	e for t Water		chedul Eleva	
H	our of Day (time)		Percen ximum ly Sat	Load	Ma	Percen ximum	Load				Ma		Load		Percen ximun	t of Load
<b> -</b>		7			Wkd		Sun	Wkd		Sun	Wkd	y Sat	Sun	Wkd	y Sat	Sun
ļ,	(12-1am) (1-2am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	0
2 3	(1-2am) (2-3am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	Ō
4	(2-3am) (3-4am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	Ö
5	(4-5am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	0
6	(4-5am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	0
7	(5-0am) (6-7am)	0	0	0	10	5	5	off	off	off	8	8	7	0	0	0
8	(0-7am) (7-8am)	10	10	5	10	10	5	on	on	off	7	7	4	0	0	0
9	(7-8am) (8-9am)	20	10	5	30	10	5	on	on	off	19	11	4	35	16	Ö
10	` '	95	30	5	90	30	5	on	on	off	35	15	4	69	14	Ŏ
11	(9-10am)	95	30	5	90	30	5	on	on	off	38	21	4	43	21	0
12	(10-11am)	95	30	5	90	30	5	on	on	off	39	19	4	37	18	ŏ
13	(11-12pm)	95	30	5	90	30	5	on	on	off	47	23	6	43	25	0
	(12-1pm)	50	10	5	80	15	5	on	on	off	57	20	6	58	21	0
14	(1-2pm)	95	10	5	90	15	5	on	on	off	54	19	9	48	13	Õ
15	(2-3pm)	95	10	5	90	15	5	on	on	off	34	15	6	37	8	0
16	(3-4pm)	95	10	5	90	15	5	on	on	off	33	12	4	37	4	0
17	(4-5pm)	95	10	5	90	15	5	on	on	off	44	14	4	46	5	Ö
18	(5-6pm)	30	5	5	50	5	5	on	on	off	26	7	4	62	6	Ö
19	(6-7pm)	10	5	0	30	5	5	on	off	off	21	7	4	20	Ô	0
20	(7-8pm)	10	0	0	30	5	5	on	off	off	15	7	4	12	0	0
21	(8-9pm)	10	0	0	20	5	5	on	off	off	17	7	4	4	0	0
22	(9-10pm)	10	0	0	20	5	5	on	off	off	8	9	7	4	Ö	0
23	(10-11pm)	5	0	0	10	5	5	off	off	off	5	5	4	0	0	0
24	(11-12am)	5	0	0	5	5	5	off	off	off	5	5	4	ŏ	Ö	Ö
Γot	al/Day	920	200	60	1040	280	120	1600	1200		500		]			
	al/Week		48.60	hours	1040	56.00				, 0	537	256	113	555	151	0
	al/Year		2534	hours		2920	hours			hours			hours			hours
_	Schedules for	2001120							4797	hours		1592	hours		1526	hours

<sup>1.</sup> Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addends, except that 5 percent emergency lighting has been added for all off hours. Elvator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

Proposed [ 204 ]

TABLE 19-2e Office Occupancy<sup>1</sup>

		1 10 10 10 10 10 10	chedule Occupa	A 100 G 1 - 110 G 1 100		chedule Lighti Recepta	ng	<ul> <li>A Section of the contract of the</li></ul>	chedule VAC S			chedule ice Ho	e for t Water	S	chedul Elevai	
H		Ma	Percent ximum	Load	Ma	Percent ximum	Load				Ma	Percent ximum			Percen ximum	
Pe		y Sat	Sun	Wkd	y Sat	Sun	Wkd	y Sat	Sun	Wkd	y Sat	Sun	Wkd	y Sat	Sun	
1	,	_	0	0	5	5	5	off	off	off	5	5	4	0	0	0
	` '	1 -	0	0	5	5	5	off	off	off	5	5	4	0	0	0
3	(2-3am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	Ō
4	(3-4am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	0
5	(4-5am)	0	0	0	5	5	5	off	off	off	5	5	4	0	0	0
6	(5-6am)	0	0	0	10	5	5	off	off	off	8	8	7	0	0	0
7	(6-7am)	10	10	5	10	10	5	on	on	off	7	7	4	0	0	0
8	(7-8am)	20	10	5	30	10	5	on	on	off	19	11	4	35	16	0
9	(8-9am)	95	30	5	90	30	5	on	on	off	35	15	4	69	14	0
10	(9-10am)	95	30	5	90	30	5	on	· on	off	38	21	4	43	21	Ö
11	(10-11am)	95	30	5	90	30	5	on	on	off	39	19	4	37	18	0
12	(11-12pm)	95	30	5	90	30	5	on	on	off	47	23	6	43	25	0
13	(12-1pm)	50	10	5	80	15	5	on	on	off	57	20	6	58	21	Ö
14	(1-2pm)	95	10	5	90	15	5	on	on	off	54	19	9	48	13	Ö
15	(2-3pm)	95	10	5	90	15	5	on	on	off	34	15	6	37	8	Ö
16	(3-4pm)	95	10	5	90	15	5	on	on	off	33	12	4	37	4	Ö
17	(4-5pm)	95	10	5	90	15	5	on	on	off	44	14	4	46	5	Ö
18	(5-6pm)	30	5	5	50	5	5	on	on	off	26	7	4	62	6	Ö
19	(6-7pm)	10	5	0	30	5	5	on	off	off	21	7	4	20	0	0
20	(7-8pm)	10	0	0	30	5	5	on	off	off	15	7	4	12	0	0
21	(8-9pm)	10	0	0	20	5	5	on	off	off	17	7	4	4	0	0
22	(9-10pm)	10	0	0	20	5	5	on	off	off	8	9	7	4	0	οl
23	(10-11pm)	5	0	0	10	5	5	off	off	off	5	5	4	0	0	o
24 .	(11-12am)	5	0	0	5	5	5	off	off	off	5	5	4	0	0	0
	al/Day	920	200	60	1040	280	120	1600	1200	0	537	256	113	555	151	0
	al/Week		48.60	hours		56.00	hours		92.00	hours		30.54				- 1
Tota	al/Year		2534	hours		2920	hours		4797	hours		1592	hours		1526	hours

<sup>1.</sup> Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

TABLE 19-2f
Parking Garage Occupancy<sup>1</sup>

	Schedule for Occupancy	L	edule f ighting ceptacl		Schedule for HVAC System	Schedule for Service Hot Water	Schedule for Elevator
Hour of Day	Percent of Maximum Load	Maxi	rcent o mum I	oad		Percent of Maximum Load	Percent of Maximum Load Wkdy Sat Sun
(time)	Wkdy Sat Sun	Wkdy			Wkdy Sat Sun	Wkdy Sat Sun	Wkuy Sat Suit
1 (12-1am)		100	100	100	·		
2 (1-2am)		100	100	100	i		
3 (2-3am)		100	100	100			
4 (3-4am)		100	100	100			
5 (4-5am)	İ	100	100	100 100			
6 (5-6am)		100	100 100	100			
7 (6-7am)		100	100	100	1		
8 (7-8am)	Ì	100	100	100			
9 (8-9am)		100 100	100	100	Based		Included
10 (9-10am)		100	100	100	on		with
11 (10-11am)	27/4	100	100	100	likely	N/A	other
12 (11-12pm)	N/A	100	100	100	use	1777	occupancies
13 (12-1pm)		100	100	100	usc		1
14 (1-2pm)		100	100	100			ļ
15 (2-3pm)		100	100	100		1	
16 (3-4pm)		100	100	100			
17 (4-5pm)		100	100	100			
18 (5-6pm)		100	100	100			
19 (6-7pm) 20 (7-8pm)		100	100	100			
20 (7-8pm) 21 (8-9pm)		100	100	100			
22 (9-10pm)		100	100	100			
23 (10-11pm)		100	100	100			
24 (11-12am)		100	100	100			
(11-124111)							
Total/Day		2400	2400	2400			
Total/Week			168	hours	:		
Total/Year			8760	hours	:		

Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989
and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for
restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when
occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

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TABLE 19-2g Restaurant Occupancy<sup>1</sup>

		4.31,75300	chedule Occupa	. 1 17. 19.7994		hedule Lightin Recepta	ng	3 533 74°	hedule AC Sy	人名英西西斯拉尔		chedule ice Hot	e for : Water	A 100 March 1982 11 11 11 11 11 11 11 11 11 11 11 11 11	edul leva	e for tor
H	our of Day	Ma	Percent ximum	Load	Max	Percent kimum	Load					Percent ximum			rcen mun	t of Load
	(time)	Wkd	y Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	⊘ Sun	Wkd	y Sat	Sun	Wkdy	Sat	Sun
1	(12-1am)	15	30	20	15	20	20	on	on	on	20	20	25	0	0	0
2	(1-2am)	15	25	20	15	15	15	on	on	on	15	15	20	0	0	0
3	(2-3am)	5	5	5	15	15	15	on	on	on	15	15	20	0	0	Ö
4	(3-4am)	0	0	0	15	15	15	off	off	off	0	0	0	0	0	0
5	(4-5am)	0	0	0	15	15	15	off	off	off	0	0	0	0	0	0
6	(5-6am)	0	0	0	20	15	15	off	off	off	0	0	0	0	0	0
7	(6-7am)	0	0	0	40	30	30	off	off	off	0	0	0	0	0	0
8	(7-8am)	5	0	0	40	. 30	30	on	off	off	60	0	0	0	0	0
9	(8-9am)	5	0	0	60	60	50	on	off	off	55	0	0	Ō	0	0
10	(9-10am)	5	5	0	60	60	50	on	on	off	45	50	0	0	Ō	0
11	(10-11am)	20	20	10	90	80	70	on	on	on	40	45	50	o	Ö	ő
12	(11-12pm)	50	45	20	90	80	70	on	on	on	45	50	50	١ŏ	Ö	ő
13	(12-1pm)	80	50	25	90	80	70	on	on	Òn	40	50	40	ا ا	ō	ŏ
14	(1-2pm)	70	50	25	90	80	70	on	on	on	35	45	40	٥	0	ő
15	(2-3pm)	40	35	15	90	80	70	on	on	on	30	40	30	o	0	ŏ
16	(3-4pm)	20	30	20	90	80	70	on	on	on	30	40	30	0	0	ŏ
17	(4-5pm)	25	30	25	90	80	60	on	on	on	30	35	30	0	0	ŏ
18	(5-6pm)	50	30	35	90	90	60	on	on	on	40	40	40	0	0	ŏ
19	(6-7pm)	80	70	55	90	90	60	on	on	on	55	55	50	o	Ō.	ŏ
20	(7-8pm)	80	90	65	90	90	60	on	on	on	60	55	50	0	0	o
21	(8-9pm)	80	70	70	90	90	60	on	on	on	50	50	40	0	0	ŏ
22	(9-10pm)	50	65	35	90	90	60	on	on	on	55	55	50	0	Ö	ŏ
23	(10-11pm)	35	55	20	. 50	50	50	on	on	on	45	40	40	Ö	Ö	ŏ
24	(11-12am)	20	35	20	30	30	30	on	on	on	25	30	20	0	0	o
To	al/Day	750	740	485	1455	1365	1115	2000	1800	1700	790	730	625	0	0	0
	al/Week		49.75	hours	1.00	97.55	hours	2000	135	hours	130	53.05	hours	U	0	
	al/Year		2594	hours		5086	hours		7039	hours		2766	hours		0	hours hours

<sup>1.</sup> Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

TABLE 19-2h Retail Occupancy<sup>1</sup>

		. t 40 kt/20 k 5	hedule ( ccupan		I	edule lighting ceptac	g		iedule AC Sys		11.7977896	nedule e Hot	A	460000000000000000000000000000000000000	nedule i Elevato	Landard (1997) from
	į	and the fact of the	ercent (		7000 7 2000 4 1	ercent (	2.446.05.02				9-9-9-1	ercent		P: 15: 5.75	ercent	57.02 30
H	our of Day		imum J			mum J		X 11 70 . 1		C		imum ]	<del></del>		imum l	
	(time)	Wkdy		Sun	Wkdy		Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy		Sun
1	(12-1am)	0	0	0	5	5	5	off	off	off	4	11	7	0	0	0
2	(1-2am)	0	0	0	5	5	5	off	off	off	5	10	7	0	0	0
3	(2-3am)	0	0	0	5	5	5	off	off	off	5	8	7	0	0	0
4	(3-4am)	0	0	0	5	5	5	off	off	off	4	6	6	0	0	0
5	(4-5am)	0	0	0	5	5	5	off	off	off	4	6	6	0	0	0
6	(5-6am)	0	0	0	5	5	5	off	off	off	4	6	6	0	0	0
7	(6-7am)	0	0	0	5	5	5	on	on	off	4	7	7	0	0	0
8	(7-8am)	10	10	0	20	10	5	on	on	off	15	20	10	12	9	0
9	(8-9am)	20	20	0	50	30	10	on	on	on	23	24	12	22	21	0
10	(9-10am)	50	50	10	90	60	10	on	on	on	32	27	14	64	56	11
11	(10-11am)	50	60	20	90	90	40	on	on	on	41	42	29	74	66	13
12	(11-12pm)	70	80	20	90	90	40	on	on	on	57	54	31	68	68	35
13	(12-1pm)	70	80	40	90	90	60	on	on	on	62	59	36	68	68	37
14	(1-2pm)	70	80	40	90	90	60	on	on	on	61	60	36	71	69	37
15	(2-3pm)	70	80	40	90	90	60	on	on	on	50	49	34	72	70	39
16	(3-4pm)	80	80	40	90	90	60	on	on	on	45	48	35	72	69	41
17	(4-5pm)	70	80	40	90	90	60	on	on	on	46	47	37	73	66	38
18	(5-6pm)	50	60	20	90	90	40	on	on	off	47	46	34	68	58	34
19	(6-7pnı)	50	20	10	60	50	20	on	on	off	42	44	25	68	47	3
20	(7-8pm)	30	20	0	60	30	5	on	on	off	34	36	27	58	43	0
21	(8-9pm)	30	20	0	50	30	5	on	on	off	33	29	21	54	43	0
22	(9-10pm)	0	10	0	20	10	5	off	on	off	23	22	16	0	8	0
23	(10-11pm)	0	0	0	5	5	5	off	off	off	13	16	10	0	0	0
24	(11-12am)	0	0	0	5	5	5	off	off	off	8	13	6	0	0	0
То	tal/Day	720	750	280	1115	985	525	1500	1600	900	662	690	459	844	761	288
То	tal/Week		46.30	hours		70.85	hours	1	100	hours		44.59	hours		52.69	hours
То	tal/Year	1	2414	hours		3694	hours		5214	hours	1	2325	hours	1	2747	hours

<sup>1.</sup> Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

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TABLE 19-2i School Occupancy<sup>1</sup>

	S. 1 4.5 2000W	nedule ccupan	7.3.3.	I	nedule / Lighting eceptac	3	- N 5000 Ta 544	nedule ( AC Sys	<ul> <li>200000000000</li> </ul>	000000 a 3000 a	nedule ( e Hot \	10.0059935.00	2000200000000000	nedule Elevato	W0000000000000000000000000000000000000
Hour of Day	11 10 10 10 10 10 10 10 10 10 10 10 10 1	Percent of Maximum Load			Percent of Maximum Load				Percent of Maximum Load		Percent of Maximum Load				
(time)	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun	Wkdy	Sat	Sun
1 (12-1am)	0	0	0	5	5	5	off	off	off	5	3	3	0	0	0
2 (1-2am)	0	0	0	5	5	5	off	off	off	5	3	. 3	0	0	0
3 (2-3am)	0	0	0	5	5	5	off	off	off	5	3	3	0	0	0
4 (3-4am)	lo	0	0	5	5	5	off	off	off	5	3	3	0	0	0
5 (4-5am)	0	0	0	5	5	5	off	off	off	5	3	3	0	0	0
6 (5-6am)	0	0	0	5	5	5	off	off	off	5	3	3	0	0	0
7 (6-7am)	0	0	0	5	5	5	off	off	off	5	3	3	0	0	0
8 (7-8am)	5	0	0	30	5	5	on	off	off	10	3	3	0 .	0	0
9 (8-9am)	75	10	0	85	15	5	on	on	off	34	3	5	30	0	0
10 (9-10am)	90	10	0	95	15	- 5	on	on	off	60	5	5	30	0	0
11 (10-11am)	90	10	0	95	15	5	on	on	off	63	5	5	30	0	0
12 (11-12pm)	80	10	0	95	15	5	on	on	off	72	5	5	30	0	0
13 (12-1pm)	80	10	0	80	15	5	on	on	off	79	5	5	30	0	0
14 (1-2pm)	80	0	0	80	5	5	on	off	off	83	3	5	30	0	0
15 (2-3pm)	80	0	0	80	5	5	on	off	off	61	3	3	30	0	0
16 (3-4pm)	45	0	0	70	5	5	on	off	off	65	3	3	15	0	0
17 (4-5pm)	15	0	0	50	5	5	on	off	off	10	3	3	0	0	0
18 (5-6pm)	5	0	0	50	5	5	on	off	off	10	3	3	0	0	0
19 (6-7pm)	15	0	0	35	5	5	on	off	off	19	3	3	0	0	0
20 (7-8pm)	20	0	0	35	5	5	on	off	off	25	3	3	0	0	0
21 (8-9pm)	20	0	0	35	5	5	on	off	off	22	3	3	0	0	0
22 (9-10pm)	10	0	0	30	5	5	on	off	off	22	3	3	0	0	0
23 (10-11pm)	0	0	0	5	5	5	off	off	off	12	3	3	0	0	0
24 (11-12am)	0	0	0	5	5	5	off	off	off	9	3	3	0	0	0
Total/Day	710	50	0	990	170	120	1500	500	0	691	80	84	285	0	0
Total/Week	1	36.00	hours		52.40				hours		36.19	hours	ĺ		hours
Total/Year		1877	hours	1	2732	hours	<u> </u>	4171	hours		1887	hours	l		hours

<sup>1.</sup> Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989 and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

TABLE 19-2j
Warehouse Occupancy<sup>1</sup>

		4000000000	edule f cupand		L	edule f ighting ceptac			edule f AC Syst	NT 010 Y000	1,000,000,000,000	edule f e Hot V	. 2000000000000000000000000000000000000	30,300,000,000,000	edule llevato	
	675	200000000000000000000000000000000000000	ercent o	AX653635.35.	-66.941 J. \$33900	ercent o mum I	2000000 (000000)				300000000000000000000000000000000000000	ercent c imum I	75000000000000000000000000000000000000		ercent ( mum l	500000000000000000000000000000000000000
H	our of Day (time)	Wkdy			Wkdy		Sun	Wkdy	Sat	Sun	Wkdy		Sun	Wkdy	Sat	Sun
1	(12-1am)	0	0	0	5	5	5	off	off	off	2	2	2	0	0	0
2	(1-2am)	o	Ō	0	5	5	5	off	off	off	2	2	2	0	0	0
3	(2-3am)	Ō	0	0	5	5	5	off	off	off	2	2	2	0	0	0
4	(3-4am)	0	0	0	5	5	5	off	off	off	2	2	2	0	0	0
5	(4-5am)	0	0	0	5	5	5	off	off	off	5	2	2	0	0	0
6	(5-6am)	0	0	0	5	5	5	off	off	off	7	2	2	0	0	0
7	(6-7am)	0	0	0	5	5	5	off	off	off	7	2	2	0	0	0
8	(7-8am)	15	0	0	40	5	5	on	off	off	10	2	2	0	0	0
9	(8-9am)	70	20	0	70	8	5	on	on	off	30	6	2	0	0	0
10	(9-10am)	90	20	0	90	24	5	on	on	off	36	12	2	0	0	0
11	(10-11am)	90	20	0	90	24	5	on	on	off	36	12	2	30	0	0
12	(11-12pm)	90	20	0	90	24	5	on	on	off	46	17	2	0	0	0
13	(12-1pm)	50	10	0	80	5	5	on	on	off	57	4	4	0	0	0
14	(1-2pm)	85	10	0	90	5	5	on	on	off	43	4	4	0	0	0
15	(2-3pm)	85	10	0	90	5	5	on	on	off	38	2	2	0	0	0
16	(3-4pm)	85	10	0	90	5	5	on	on	off	40	2	2	40	0	0
17	(4-5pm)	20	0	0	90	5	5	on	off	off	30	2	2	0	0	0
18	(5-6pm)	0	0	0	30	5	5	off	off	off	18	2	2	0	0	0
19	(6-7pm)	0	0	0	5	5	5	off	off	off	3	2	2	0	0	0
20	(7-8pm)	0	0	0	5	5	5	off	off	off	3	2	2	0	0	0
21	(8-9pm)	0	0	0	5	5	5	off	off	off	3	2	2	0	0	0
22	(9-10pm)	0	0	0	5	5	5	off	off	off	3	2	2	0	0	0
23	(10-11pm)	0	0	0	5	5	5	off	off	off	3	2	2	0	0	0
24	(11-12am)	0	0	0	5	5	5	off	off	off	3	2	2	0	0	0
T <sub>o</sub>	tal/Day	680	120	0	915	180	120	1000	800	0	429	91	52	70	0	0
	tal/Week		35.20	hours		48.75	hours	1	58.00	hours		22.88			3.50	hours
	tal/Year	1	1835	hours	ì	2542	hours	ļ	3024	hours		1193	hours	L.,	182	hours

Schedules for occupancy, lighting, recptacle, HVAC system and service hot water are from ASHRAE Standard 90.1-1989
and addends, except that 5 percent emergency lighting has been added for all off hours. Elevator schedules, except for
restaurants, are from the U.S. Department of Energy Standard Evaluation Techniques except changed to 0 percent when
occupancy is 0 percent. THESE VALUES MAY BE USED ONLY IF ACTUAL SCHEDULES ARE NOT KNOWN.

Proposed [ 210 ]

TABLE 19-3
HVAC Systems of Prototype Buildings<sup>3</sup>

	Building/Space Occupancy	System #	Remarks
1.	Assembly		
	a. Churches (any size)	1	
	b. < 50,000 ft <sup>2</sup> or < 3 floors	1 or 3	Note 2
	c. > 50,000 ft <sup>2</sup> or > 3 floors	3	
2.	Health		ì
ļ	a. Nursing Home (any size)	2	
l	b. $\leq 15,000 \text{ ft}^2$	1	
	c. $> 15,000 \text{ ft}^2 \text{ and } \leq 50,000 \text{ ft}^2$	4	Note 3
	d. > 50,000 ft <sup>2</sup>	5	Note 3,4
3.	Hotel/Motel (Other Than Group R)	1	<b>S</b>
l	a. <u>&lt;</u> 3 Stories	1	Note 6
	b. > 3 Stories		Note 7
4.	Light Manufacturing	1 or 3	
5.	Office		
1	a. $\leq 20,000 \text{ ft}^2$	1	l
l	b. > 20,000 ft <sup>2</sup> and either		1
1	$\leq$ 3 floors or $\leq$ 75,000 ft <sup>2</sup>	4	1
	c. > 75,000 $ft^2$ or > 3 floors	5	<u> </u>
6.	Restaurant	1 or 3	Note 2
7.	Retail		
1	a. ≤ 50,000 ft <sup>2</sup>	1 or 3	Note 2
l	b. > 50,000 ft <sup>2</sup>	4 or 5	Note 2
8.	Schools		
	a. $\leq$ 75,000 ft <sup>2</sup> or $\leq$ 3 floors	1	1
	b. $> 75,000 \text{ ft}^2 \text{ or } > 3 \text{ floors}$	3	<u> </u>
9.	Warehouse		Note 5

Footnote to TABLE 19-3: The systems and energy types presented in this table are not intended as requirements or recommendations for the proposed design. Floor areas in the table are the total conditioned floor areas for the listed occupancy type in the building. The number of floors indicated in the table is the total number of occupied floors for the listed occupancy type.

TABLE 19-3 (cont.)
HVAC System Descriptions for Prototype Buildings<sup>1</sup>

HVAC Component	System #1	System #2			
System Description	Packaged rooftop single zone, one unit per zone.	Packaged terminal air conditioner with space heater or heat pump, heating or cooling unit per zone.			
Fan System Design Supply Circulation Rate	Note 10	Note 11			
Supply Fan Control	Constant volume.	Fan cycles with call for heating or cooling.			
Return Fan Control	N.A.	N.A.			
Cooling System	Direct expansion air cooled	Direct expansion air cooled.			
Heating System	Furnace, heat pump, or electric resistance.	Heat pump with electric resistance auxiliary or air conditioner with space heater.			
Remarks	Drybulb economizer per Section 1503.7 (barometric relief), heat recovery if required by Section 1503.3.4.	No economizer, if not required by Section 1503.7.			

# TABLE 19-3 (cont.) HVAC System Descriptions for Prototype Buildings<sup>1</sup>

HVAC Component	System #3	System #4
System Description	Air handler per zone with central plant.	Packaged rooftop VAV with perimeter reheat and fanpowered terminal units.
Fan System Design Supply Circulation Rate	Note 10	Note 10
Supply Fan Control	Constant volume.	VAV with forward curved centrifugal fan and variable inlet fans.
Return Fan Control	Constant volume.	VAV with forward curved centrifugal fan and discharge dampers.
Cooling System	Chilled water (Note 12)	Direct expansion air cooled.
Heating System	Hot water (Note 13)	Hot water (Note 13) or electric resistance.
Remarks	Drybulb economizer per Section 1503.7, heat recovery if required by Section 1503.3.4.	Drybulb economizer per Section 1503.7. Minimum VAV setting per Section 1503.3.2 Exception 1, Supply air reset by zone of greatest cooling demand.

# TABLE 19-3 (cont.) HVAC System Descriptions for Prototype Buildings<sup>1</sup>

HVAC Component	System #5	System #6
System Description	Built-up central VAV with perimeter reheat and fanpowered terminal units	Four-pipe fan coil per zone with central plant.
Fan System Design Supply Circulation Rate	Note 10	Note 10
Supply Fan Control	VAV with air-foil centrifugal fan and AC frequency variable speed drive.	Fan cycles with call for heating or cooling.
Return Fan Control	VAV with air-foil centrifugal fan and AC frequency variable speed drive.	N.A.
Cooling System	Chilled water (Note 12)	Chilled water (Note 12)
Heating System	Hot water (Note 13) or electric resistance.	Hot water (Note 13) or electric resistance.
Remarks	Drybulb economizer per Section 1503.7. Minimum VAV setting per Section 1503.3.2 Exception 1, Supply air rest by zone of greatest cooling demand.	No economizer, if not required by Section 1503.7.

# TABLE 19-3 (cont.) HVAC System Descriptions for Prototype Buildings<sup>1</sup>

HVAC Component	System #7
System Description	Water source heat pump.
Fan System Design Supply Circulation Rate	Note 11
Supply Fan	Fan cycles with control call for
Control	heating or cooling.
Return Fan Control	N.A.
Cooling System	Closed circuit, centrifugal blower type cooling tower sized per Note 12. Circulating pump sized for 2.7 gpm per ton.
Heating System	Electric or natural draft fossil fuel boiler.
Remarks	Tower fans and boiler cycled to maintain circulating water temperature between 60° F and design tower leaving water temperature.

# Numbered Footnotes for TABLE 19-3 HVAC System Descriptions for Prototype Buildings

- 1. The systems and energy types presented in this table are not intended as requirements or recommendations for the proposed design.
- 2. For occupancies such as restaurants, assembly and retail that are part of a mixed use building which, according to Table 19-3, includes a central chilled water plant (systems 3, 5, or 6), chilled water system type 3 or 5 shall be used as indicated in the table.
- 3. Constant volume may be used in zones where pressurization relationships must be maintained by code. Where constant volume is used, the system shall have heat recovery if required by Section 1503.3.4. VAV shall be used in all other areas, in accordance with Section 1503.
- 4. Provide run-around heat recovery systems for all fan systems with a minimum outside air intake greater than 75 percent. Recovery effectiveness shall be 0.60.
- 5. If a warehouse is not intended to be mechanically cooled, both the BECON and DECON may be calculated assuming no mechanical cooling.
- 6. Areas such as public areas and back-of-house areas shall be served by system 4. Other areas such as offices and retail shall be served by systems listed in Table 19-3 for these occupancy types.
- 7. Areas such as public areas and back-of-house areas shall be served by system 5. Other areas such as offices and retail shall be served by systems listed in Table 19-3 for these occupancy types.
  - 8. Reserved.
  - 9. Reserved.
- 10. Design supply air circulation rate shall be based on a supply-air-to-room air temperature difference of 20°F. A higher supply air temperature may be used if required to maintain a minimum circulation rate of 4.5 air changes per hour or 15 cfm per person to each zone served by the

- system, at design conditions. If return fans are specified, they shall be sized for the supply fan capacity less the required minimum ventilation with outside air, or 75 percent of the supply fan capacity, whichever is larger. Except where noted, supply and return fans shall be operated continuously during occupied hours.
- 11. Fan energy when included in the efficiency rating of the unit as defined in Section 1503.4, need not be modeled explicitly for this system. The fan shall cycle with calls for heating or cooling.
- 12. Chilled water systems shall be modeled using a reciprocating chiller for systems with total cooling capacities less than 175 tons, and centrifugal chillers for systems with cooling capacities of 175 tons or greater. For systems with cooling capacities of 600 tons or more, the BECON shall be calculated using two centrifugal chillers, lead/lag controlled. Chilled water shall be assumed to be controlled at a constant 44°F. Chiller water pumps shall be sized using a 12°F. temperature rise, from 44°F. to 56°F., operating at 65 percent combined impeller and motor efficiency. Condenser water pumps shall be sized using a 10°F, temperature rise, operating at 60 percent combined impeller and motor efficiency. The cooling tower shall be an open circuit, centrifugal blower type sized for the larger of 85°F. leaving water temperature or 10°F, approach to design wetbulb temperature. The tower shall be controlled to provide a 65°F. leaving water temperature whenever weather conditions permit, floating up to design leaving water temperatures at design conditions. Chilled water supply temperature shall be reset in accordance with Section 1503.3.3.2.
- 13. Hot water system shall include a natural draft fossil fuel or electric boiler. The hot water pump shall be sized based on a 30°F, temperature drop, from 180°F, to 150°F, operating at a combined impeller and motor

efficiency of 60 percent. Hot water supply temperature shall be reset in accordance with Section 1503.3.3.2.

#### **CHAPTER 20**

# **NEW SECTION**

WAC 51-11-2000 Section 2000—Default heat-loss coefficients.

# **NEW SECTION**

WAC 51-11-2001 Section 2001-General.

2001.1 Scope: This chapter includes tables of seasonal average heat-loss coefficients for specified nominal insulation. The heat-loss coefficients may also be used for heating system sizing.

2001.2 Description: These coefficients were developed primarily from data and procedures from Standard RS-1, and taken specifically from Standard RS-26, listed in Chapter 17.

Coefficients not contained in this chapter may be computed using the procedures listed in these references if the assumptions in the following sections and Standard RS-26, listed in Chapter 17, are used, along with data from the sources referenced above.

2001.3 Air Films: Default R-values used for air films shall be as follows:

R-Value	Condition
0.17	All exterior surfaces
0.61	Interior horizontal surfaces, heat flow up
0.72	Interior horizontal surfaces, heat flow down
0.68	Interior vertical surfaces

**2001.4 Compression of Insulation:** Insulation which is compressed shall be rated in accordance with Table 20-A or reduction in value may be calculated in accordance with the procedures in Standard RS-1 listed in Chapter 17.

TABLE 20-A
R-value of Fiberglass Batts Compressed
within Various Depth Cavities

			Insu	lation	R-Val	ue at	Standa	rd Thi	ckness			
R-Value		38	30	22	21	19	15	13	11	8	5	3
Standard Th	nickness	12"	9-1/2"	6-3/4"	5-1/2"	6-1/4"	3-1/2"	3-5/8"	3-1/2"	2-1/2"	1-1/2"	3/4"
Nominal Lumber Sizes	Actual Depth of Cavity			Ins			Values onfined		Service of the servic	leđ		
2" x 12" 2" x 10" 2" x 8"	11-1/4" 9-1/4" 7-1/4"	37 32 27	30 26				<b>-</b> -				==	
2" x 6" 2" x 4" 2" x 3"	5-1/2" 3-1/2" 2-1/2"	 	21 	20 14 	21	18 13 	15	12.7 9.8	11		 	
2" x 2" 2" x 1"	1-1/2" 1-1/2"	 						6.3	6.0 	5.7	3.2	3.0

# **NEW SECTION**

WAC 51-11-2002 Section 2002—Below grade walls and slabs.

**2002.1 General:** Table 20-1 lists heat-loss coefficients for below grade walls and floors.

Coefficients for below grade walls are given as U-factors (Btu/°F·hr·ft² of wall area). Coefficients for below grade slabs are listed as F-factors (Btu/°F·hr per lineal foot of slab perimeter).

Below grade wall U-factors are only valid when used with the accompanying below grade slab F-factor, and vice versa

2002.2 Component Description: All below grade walls are assumed to be eight inch concrete. The wall is assumed to extend from the slab upward to the top of the mud sill for the distance specified in Table 20-1, with six inches of concrete wall extending above grade.

Interior insulation is assumed to be fiberglass batts placed in the cavity formed by 2x4 framing on twenty-four inch centers with one-half inch of gypsum board as the interior finish material. Exterior insulation is assumed to be applied directly to the exterior of the below grade wall from the top of the wall to the footing. The exterior case does not assume any interior framing or sheetrock.

In all cases, the entire wall surface is assumed to be insulated to the indicated nominal level with the appropriate framing and insulation application. Coefficients are listed for wall depths of two, three and one-half, and seven feet below grade. Basements shallower than two feet should use on-grade slab coefficients.

Heat-loss calculations for wall areas above grade should use above grade wall U-factors, beginning at the mudsill.

**2002.3 Insulation Description:** Coefficients are listed for the following four configurations:

- 1. Uninsulated: No insulation or interior finish.
- 2. Interior insulation: Interior 2x4 insulated wall without a thermal break between concrete wall and slab.
- 3. Interior insulation with thermal break: Interior 2x4 insulated wall with R-5 rigid board providing a thermal break between the concrete wall and the slab.
- 4. Exterior insulation: Insulation applied directly to the exterior surface of the concrete wall.

TABLE 20-1
Default Wall U-Factors and Slab F-Factors for Basements

	Below Grade Wall U-factor	Below Grade Slab F-factor
2-Foot Depth		
Below Grade		
Uninsulated	0.350	0.59
R-11 Interior R-11 Interior w/tb	0.066 0.070	0.68 0.60
R-11 Incerior w/cb	0.070	0.00
R-19 Interior R-19 Interior w/tb	0.043 0.045	0.69 0.61
R-10 Exterior	0.070	0.60
R-12 Exterior	0.061	0.60
3.5-Foot Depth Below Grade		
Uninsulated	0.278	0.53
R-11 Interior R-11 Interior w/tb	0.062 0.064	0.63 0.57
R-19 Interior	0.041	0.64
R-19 Interior w/tb	0.042	0.57
R-10 Exterior R-12 Exterior	0.064 0.057	0.57 0.57
7-Foot Depth		
Below Grade		
Uninsulated	0.193	0.46
R-11 Interior	0.054	0.56
R-11 Interior w/tb	0.056	0.42
R-19 Interior	0.037	0.57
R-19 Interior w/tb	0.038	0.43
R-10 Exterior	0.056	0.42
R-12 Exterior	0.050	0.42

# **NEW SECTION**

WAC 51-11-2003 Section 2003—On-grade slab floors.

**2003.1 General:** Table 20-2 lists heat-loss coefficients for unheated and heated on-grade slab floors, in units of Btu/°F·hr per lineal foot of perimeter.

2003.2 Component Description: All on-grade slab floors are assumed to be six inch concrete poured directly onto the earth. The bottom of the slab is assumed to be at grade line. Monolithic and floating slabs are not differentiated.

Soil is assumed to have a conductivity of 0.75 Btu/hr°F·ft<sup>2</sup>. Slabs two feet or more below grade should use basement coefficients.

**2003.3 Insulation Description:** Coefficients are provided for the following three configurations:

Two foot (or four foot) vertical: Insulation is applied directly to the slab exterior, extending downward from the top of the slab to a depth of two feet (or four feet) below grade.

Two foot (or four foot) horizontal: Insulation is applied directly to the underside of the slab, and run horizontally from the perimeter inward for two feet (or four feet). The slab edge is exposed in this configuration.

**Note:** A horizontal installation with a thermal break of at least R-5 at the slab edge should use the vertical-case F-factors.

Fully insulated slab: Insulation extends from the top of the slab, along the entire perimeter, and completely covers the area under the slab. Thicker perimeter insulation covers the slab edge and extends two feet under the slab.

TABLE 20-2
Default F-Factors for On-Grade Slabs

Insulation Type	R-0	R-5	R-10	R-15
	Unh	eated S	ab	
Uninsulated slab	0.73			
2-ft Horizontal (No thermal break) 4-ft Horizontal (No thermal break)		0.70 0.67	0.70 0.64	0.69 0.63
2-ft Vertical (or Horiz. w/T.B.) 4-ft vertical (or Horiz. w/T.B.)		0.58 0.54		0.52 0.45
Fully insulated slab			0.36	
	Heat	ed Slab		
Fully insulated slab		0.74	0.55	0.44
R-5 Center (With perimeter insulation) R-10 Center (With perimeter insulation)			0.66	0.62 0.51

# **NEW SECTION**

WAC 51-11-2004 Section 2004—Crawlspace floors.

**2004.1 General:** Tables 20-3 and 20-4 list heat-loss coefficients for floors over crawlspaces in units of Btu/°F·hr·ft<sup>2</sup> of floor.

They are derived from procedures listed in Standard RS-1, listed in Chapter 17, assuming an average outdoor temperature of 45 degrees F., an average indoor temperature of 65 degrees F., and a crawlspace area of 1350 ft<sup>2</sup> and one hundred feet of perimeter. The crawlspace is assumed to be two and one-half feet high, with twenty-four inches below grade and six inches above grade.

2004.2 Crawlspace Description: Four crawlspace configurations are considered: Vented, unvented, enclosed, and heated plenum.

Vented crawlspaces: Assumed to have three air-changes per hour, with at least one ft<sup>2</sup> of net-free ventilation in the foundation for every three hundred ft<sup>2</sup> of crawlspace floor area. The crawlspace is not actively heated.

Floors over unheated areas, such as garages, may only use those values which have R-0 perimeter insulation.

Unvented crawlspaces: Assumed to have 1.5 air changes per hour, with less than one ft<sup>2</sup> of net-free ventilation in the foundation for every three hundred ft<sup>2</sup> of crawlspace floor area. The crawlspace is not actively heated.

Floors over unheated basements may only use those values which have R-0 perimeter insulation.

Heated-plenum crawlspaces: Assumed to have 0.25 air-changes per hour, with no foundation vents. Heated supply air from central furnace is blown into a crawlspace and allowed to enter the living space unducted via holes cut into the floor.

Enclosed floors: Assumes no buffer space, and a covering of one-half inch of T1-11 on the exterior of the cavity exposed to the outside air.

2004.3 Construction Description: Floors are assumed to be either joisted floors framed on sixteen inch centers, or post and beam on four by eight foot squares. Insulation is assumed to be installed under the subflooring between the joists or beams with no space between the insulation and the subfloor. Insulation is assumed to be uncompressed.

Perimeter insulation is assumed to extend from the top of the rim joist to the crawlspace floor and then inward along the ground (on top of the ground cover) for at least twenty-four inches.

Floor coverings are assumed to be light carpet with rubber pad.

# **NEW SECTION**

WAC 51-11-2005 Section 2005—Above grade walls.

TABLE 20-3
Default U-Factors for Floors Over
Crawspace or Unheated Basement

Nomin	al R-value	U-f	actor
Floor	Perimeter	Post &	Joists
		Beam	
0	0	0.112	0.134
	11	0.100	0.116
	19	0.098	0.114
	30	0.093	0.107
11	0	0.052	0.056
	11	0.048	0.052
19	0	0.038	0.041
	11	0.036	0.038
22	0	0.034	0.037
	11	0.033	0.035
25	0	0.032	0.034
	11	0.031	0.033
30	0	0.028	0.029
	11	0.027	0.028
38	0	0.024	0.025
	11	0.024	0.024

TABLE 20-4
Default U-factors for Floors Over
Vented Crawspace or Unheated Basement

Nominal R-valuePerimete	U-factor r
11	0.085
19	0.075
30	0.069

Note: Crawlspaces used as heated plenums have approximately 30-percent higher heat-loss rate than unvented crawlspaces with the same assumed ACH. Default U-factors in Table 20-4 reflect this higher rate of heat loss.

2005.1 General: Table 20-5 lists heat-loss coefficients for the opaque portion of above grade walls (Btu/°F·hr·ft²). They are derived from procedures listed in Standard RS-1, listed in Chapter 17, assuming exterior air films at 7.5-mph wind speed.

Insulation is assumed to uniformly fill the entire cavity and to be installed as per manufacturer's directions. All walls are assumed to be finished on the inside with one-half inch gypsum wallboard, and on the outside with either beveled wood siding over one-half inch plywood sheathing or with five-eighths inch T1-11 siding. Insulated sheathing (either interior or exterior) is assumed to cover the entire opaque wall surface.

Where stud and insulated cavity only R-values are given for single metal stud walls, assembly U-factors should be calculated using proposed interior and exterior finishes using the procedures listed in Standard RS-1.

2005.2 Framing Description: Three framing types are considered, and defined as follows:

Standard: Studs framed on sixteen inch centers with double top plate and single bottom plate. Corners use three studs and each opening is framed using two studs. Headers consist of double 2X or single 4X material with an air space left between the header and the exterior sheathing. Interior partition wall/exterior wall intersections use two studs in the exterior wall.

# Standard framing weighting factors:

Studs and plates .19 Insulated cavity .77 Headers .04

Intermediate: Studs framed on sixteen inch centers with double top plate and single bottom plate. Corners use two studs or other means of fully insulating corners, and each opening is framed by two studs. Headers consist of double 2X material with R-10 insulation between the header and exterior sheathing. Interior partition wall/exterior wall intersections are fully insulated in the exterior wall.

# Intermediate framing weighting factors:

Studs and plates .18 Insulated cavity .78 Headers .04

Advanced: Studs framed on twenty-four inch centers with double top plate and single bottom plate. Corners use two studs or other means of fully insulating corners, and one stud is used to support each header. Headers consist of double 2X material with R-10 insulation between the header and exterior sheathing. Interior partition wall/exterior wall intersections are fully insulated in the exterior wall.

# **Advanced Framing Weighting Factors:**

Studs and plates .13 Insulated cavity .83 Headers .04

**2005.3 Component Description:** Default coefficients for three types of walls are listed: Single-stud walls, strap walls, and double-stud walls.

Single-Stud Wall: Assumes either 2x4 or 2x6 studs framed on sixteen or twenty-four inch centers. Headers are solid for 2x4 walls and double 2x for 2x6 walls, with either dead-air or rigid-board insulation in the remaining space.

Strap Wall: Assumes 2x6 studs framed on sixteen or twenty-four inch centers. 2x3 or 2x4 strapping is run horizontally along the interior surface of the wall to provide additional space for insulation.

Double-Stud Wall: Assumes an exterior structural wall and a separate interior, nonstructural wall. Insulation is placed in both wall cavities and in the space between the two walls. Stud spacing is assumed to be on twenty-four inch centers for both walls.

# TABLE 20-5 Default U-factors for Above-Grade Walls

# 2 x 4 Single Wood Stud: R-11 Batt

#### NOTE:

Nominal Batt R-value: R-11 at 3.5-inch thickness

Installed Batt R-value: R-11 in 3.5-inch cavity

Siding Material/Framing Type									
Lapped Wood T1-11									
R-value of foam Board	STD	ADV	STD	ADV					
0	.088	.084	.094	-090					
1 2 3 4	.080 .074 .069 .064	.077 .071 .066 .062	.085 .078 .072 .067	.082 .075 .070 .065					
5 6 7 8	.060 .056 .053	.058 .055 .052 .049	.063 .059 .055 .052	.061 .057 .054 .051					
9 10 11 12	.048 .046 .044 .042	.047 .045 .043 .041	.050 .047 .045 .043	.049 .046 .044 .042					

# 2 x 4 Single Wood Stud: R-13 Batt

## NOTE:

Nominal Batt R-value: R-13 at 3.63-inch thickness

Installed Batt R-value:
R-12.7 in 3.5-inch cavity

Siding M	Siding Material/Framing Type								
		d Wood		1-11					
R-value of foam Board	STD	ADV	STD	ADV					
0	.082	.078	.088	.083					
1 2 3 4	.075 .069 .065 .060	.072 .066 .062 .058	.080 .073 .068 .063	.076 .070 .065					
5 6 7 8	.057 .053 .051 .048	.055 .052 .049 .047	.059 .056 .052 .050	.057 .054 .051 .048					
9 10 11 12	.046 .044 .042 .040	.045 .043 .041 .039	.047 .045 .043	.046 .044 .042					

# 2 x 4 Single Wood Stud: R-15 Batt

#### NOTE:

Nominal Batt R-value: R-15 at 3.5-inch thickness

Installed Batt R-value: R-15 in 3.5-inch cavity

Siding Material/Framing Type								
	Lappe	d Wood	T	1-11				
R-value of foam Board	STD	ADV	STD	ADV				
0	.076	.071	.081	.075				
1 2 3 4	.069 .064 .060	.065 .061 .057	.073 .068 .063 .059	.069 .069 .059 .056				
5 6 7 8	.053 .050 .047 .045	.051 .048 .046 .044	.055 .052 .049 .047	.052 .050 .047 .045				
9 10 11 12	.043 .041 .039 .038	.042 .040 .038 .037	.044 .042 .041 .039	.043 .041 .039 .038				

# 2 x 6 Single Wood Stud: R-19 Batt

# NOTE:

Nominal Batt R-value: R-19 at 6-inch thickness

Installed Batt R-value: R-18 in 5.5-inch cavity

Siding M	Siding Material/Framing Type								
	Lapped Wood T1-11								
R-value of foam Board	STD	INT	ADV	STD	INT	ADV			
0	.062	.058	.055	.065	.061	.058			
1 2 3 4	.058 .054 .051 .048	.055 .052 .049 .046	.052 .050 .047	.060 .056 .053	.057 .054 .051	.055 .051 .049 .046			
5 6 7 8	.046 .044 .042 .040	.044 .042 .040 .039	.043 .041 .039 .038	.048 .045 .043	.046 .044 .042 .040	.044 .042 .040 .039			
9 10 11 12	.038 .037 .036	.037 .036 .035 .033	.035 .035 .034 .033	.039 .038 .036 .035	.038 .037 .035 .034	.037 .036 .035			

# 2 x 6 Single Wood Stud: R-21 Batt

#### NOTE:

Nominal Batt R-value: R-21 at 5.5-inch thickness

Installed Batt R-value:
R-21 in 5.5-inch cavity

Siding Material/Framing Type						
		Lappe	deWood		T1-1	1
R-value of foam Board	STD	INT	ADV	STD	INT	ADV
0	.057	.054	.051	.060	.056	.053
1 2 3 4	.054 .050 .048 .045	.051 .048 .045 .043	.048 .045 .043 .041	.056 .052 .049 .047	.053 .050 .047 .045	.050 .047 .045 .043
5 6 7 8	.043 .041 .039 .038	.041 .039 .038 .036	.040 .038 .036 .035	.044 .042 .040 .039	.042 .041 .039 .037	.041 .039 .037 .036
9 10 11 12	.036 .035 .033	.035 .034 .033	.034 .033 .032 .031	.037 .036 .034 .033	.036 .035 .033	.035 .033 .032 .031

# 2 x 6 Single Wood Stud: R-22 Batt

# NOTE:

Nominal Batt R-value: R-22 at 6.75-inch thickness

Installed Batt R-value: R-22 in 5.5-inch cavity

Siding M	Siding Material/Framing Type Lapped Wood T1-11					
		Lappe	l Wood			<b>1</b>
R-value of foam Board	STD	INT	ADV	STD	INT	ADV
0	.059	.055	.052	.062	.058	.054
1	.055	.052	.049	.057	.054	.051
2	.052	.049	.047	.054	.051	.048
3	.049	.046	.044	.050	.048	.046
4	.046	.044	.042	.048	.046	.044
5	.044	.042	.041	.045	.043	.042
7	.040	.039	.037	.041	.040	.038
8	.038	.037	.036	.039	.038	.037
9	.037	.036	.035	.038	.037	.035
10	.035	.034	.033	.036	.035	.034
11	.034	.033	.032	.035	.034	.033
12	033	.032	.031	.034	.033	.032

# 2 x 6 Single Wood Stud: R-11 Batt

# NOTE:

Nominal Batt R-value: R-22 at 7-inch thickness

Installed Batt R-value: R-18.9 in 5.5-inch cavity

Siding Material/Framing Type						
		Lappe	boow b		T1-1	1
R-value of foam Board	STD	int	ADV	STD	INT	ADV
0	.060	.057	.054	.063	.059	.056
1 2 3 4	.056 .053 .050 .047	.053 .050 .048 .045	.051 .048 .046 .044	.059 .055 .052 .049	.056 .052 .049 .047	.053 .050 .047 .045
5 6 7 8	.045 .043 .041 .039	.043 .041 .040 .038	.042 .040 .038 .037	.046 .044 .042 .040	.045 .043 .041 .039	.043 .041 .039 .038
9 10 11 12	.038 .036 .035 .034	.037 .035 .034 .033	.036 .034 .033 .032	.039 .037 .036 .034	.038 .036 .035 .034	.036 .035 .034 .033

# 2 x 8 Single Stud: R-25 Batt

# NOTE:

Nominal Batt R-value: R-25 at 8-inch thickness

Installed Batt R-value: R-23.6 in 7.25-inch cavity

Siding M	Siding Material/Framing Type					
		Lappe	boow b		T1-1	1
R-value of foam Board	STD	int	ADV	STD	INT	ADV
0	.051	.047	.045	.053	.049	.046
1 2 3	.048	.045 .043	.043 .041 .039	.049 .047 .044	.046 .044 .042	.044 .042 .040
4	.041	.039	.037	.042	.040	.038
5 6 7 8	.039 .037 .036 .035	.037 .036 .035 .033	.036 .035 .033 .032	.040 .038 .037 .035	.038 .037 .035 .034	.037 .036 .034 .033
9 10 11 12	.033 .032 .031 .030	.032 .031 .030 .029	.031 .030 .029 .028	.034 .033 .032 .031	.033 .032 .031 .030	.032 .031 .030 .029

# 2 x 6: Strap Wall

R-19 + R-11 Batts R-19 + R-8 Batts

Sliding	Material	/Fram Ty	pe
Lapped V	vood	T1-11	
STD	ADV	STD	ADV
.036	.035	.038	.036
.041	.039	.042	.040

# 2 x 6 + 2 x 4: Double Wood Stud

Batt Conf:	iguration	
Exterior	Middle	Interior
R-19		R-11
R-19		R-19
R-19	R-8	R-11
R-19	R-11	R-11
R-19	R-11	R-19
R-19	R-19	R-19

Sliding Material/Fram Type						
lood	T1-11					
ADV	STD	ADV				
.037 .031 .028 .026	.041 .035 .031 .028	.038 .032 .029 .027 .023				
	.037 .031 .028 .026	.037 .041 .031 .035 .028 .031 .026 .028 .023 .025				

# 2 x 4 + 2 x 4: Double Wood Stud

Batt Conf	iguration	
Exterior	Middle	Interior
R-11		R-11
R-19		R-11
R-11	R-8	R-11
R-11	R-11	R-11
R-13	R-13	R-13
R-11	R-19	R-11

Sliding Material/Fram Type						
Lapped	Wood	T1-11				
STD	ADV	STD	ADV			
.050	.046	.052	.048			
.039	.037	.043	.039			
.037	.035	.036	.036			
.032	.031	.033	.032			
.029	.028	.029	.028			
.026	.026	.027	.026			

# Log Walls

NOTE:

R-value of wood: R-1.25 per inch thickness. Average wall thickness 90% average log diameter

Average Log Diameter	U-factor
6-inch 8-inch 10-inch 12-inch 14-inch	0.148 0.111 0.089 0.074 0.063 0.056

# Stress Skin Panel

NOTE:

R-value of expanded: polystyrene: R-3.85/inch

Framing: 6%: Spline: 8%

No thermal bridging between interior and exterior splines

Panel Thickness	U-factor
3 1/2-inch 5 1/2-inch 7 1/4-inch 9 1/4-inch 11 1/4-inch	.071 .048 .037 .030

Single Metal Stud

Single Metal	Stud		1 100 2 100 10 100 100 100 100 100 100 1	
Nominal Wall Thickness	Nominal Insulation R-Value	Effective Insulation R-Value	Stud Spa	24" O.C.
4 inch	R-11	R-11	.14	.13
4 inch	R-13	R-12.7	.13	.12
6 inch	l R−19	R-18	.11	.10

Stud and Insulated Cavity R-Values

Stud and Insu	Tated Cartch	V-Agines		200 100 200 200 200 200 200 200
Cavi	lty		Insulation Effective	R-value
Nominal Depth	Actual Depth	Nominal R-Value	@16" O.C.	@24" O.C.
4"	3 1/2"	R-11	5.5	6.6
4"	3 1/2"	R-13	6.0	7.2
4"	3 1/2"	R-15	6.4	7.8
6"	6"	R-19	7.1	8.6
6"	6"	R-21	7.4	9.0
8"	8"	R-25	7.8	9.6

# Masonry Walls

Integral Insulation Cases:

Core Insulation	Core Conductivity	U-Factor
Base Wall uninsulated Vermiculite K=.44 Perlite K=.34 Korfil l lb.	0.449 0.037 0.028 0.028	0.558 0.479 0.477 0.490

Cavity Wall Insulation	Insulation R-Value	U-Factor
1" expanded polystyrene 1" extruded polystyrene 1-1/2" expanded polystyrene 1-1/2" extruded polystyrene 2" expanded polystyrene 2" extruded polystyrene 2" extruded polystyrene 2" polyisocyanurate 2.5" polyisocyanurate	3.8 5.0 5.7 7.5 7.6 10.0 14.4 18.0	0.179 0.147 0.133 0.108 0.106 0.085 0.062 0.051

#### Exterior Insulation Cases:

Wall Insulation	Insulation R-Value	U-Factor
3/4" Insulating stucco	1.0	0.358
1" expanded polystyrene	3.8	0.179
1" extruded polystyrene	5.0	0.147
2" expanded polystyrene	7.6	0.106
2" extruded polystyrene	10.0	0.085
2" polyisocyanurate	14.4	0.062
2.5" polyisocyanurate	18.0	0.051
3" polyisocyanurate	21.6	0.043
3.5" polyisocyanurate	25.2	0.037

#### Interior Insulation:

Note: 1-1/2" furring at 16" o.c. = 12.5% of area added R-value calculated using Isothermal Planes Method

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R-val	U-fac	Thick	U-fac	U-fac	R-val	Wall U-Factor Total
2.181	0.458	0.750	1.067	0.534	1.871	0.273
4.684	0.213	0.750	1.067	0.320	3.124	0.203
7.600	0.132	2.000	0.400	0.165	6.056	0.127
10.000	0.100	2.000	0.400	0.138	7.273	0.110
14.400	0.069	2.000	0.400	0.111	9.028	0.092
18.000	0.056	2.500	0.320	0.089	11.285	0.076
21.600	0.046	3.000	0.267	0.074	13.542	0.065
25.200	0.040	3.500	0.229	0.063	15.799	0.057

# **NEW SECTION**

WAC 51-11-2006 Section 2006—Default U-factors for glazing and doors.

**2006.1 Untested Glazing and Doors:** Untested glazing and doors shall be assigned the following U-factors:

a. Manufactured glazing products:
 single glazing (all): U = 1.20;
 double glazing:
 aluminum or steel framed: U = 0.90;
 wood or vinyl framed: U = 0.75;

**b.** Nonmanufactured site built fixed lite glazing products with a minimum of one-half inch airspace in a wood frame only. All products supplied by manufacturers, such as kits for solariums, shall use the default U-factors for manufactured glazing products cited above.

air-filled:	U = 0.60
argon-filled:	U = 0.55
low-e, air-filled:	U = 0.50
low-e, argon-filled:	U = 0.40

Products which do not comply with all of these criteria shall use the default U-factors listed under manufactured glazing products.

c. For doors, see Table 20-6.

# TABLE 20-6 Transmission Coefficients (U) for Wood and Steel Doors Btu/hr·ft2.°F

Nominal Door Thickness Inches	Description	No Storm Door	Wood Storm Door <sup>3</sup>	Metal Storm
Wood Doors 1,2		T T		I
1-3/8	Panel door with 7/16 inch panels <sup>5</sup>	0.57	0.33	0.
1-3/8	Hollow core flush door	0.47	0.30	0.32
1-3/8	Solid core flush door	0.39	0.26	0.28
1-3/4	Panel door with 7/16 inch panels <sup>5</sup>	0.57	0.33	0.36
1-3/4	Hollow core flush door	0.46	0.29	0.32
1-3/4	Panel door with 1-1/8 inch panels <sup>5</sup>	0.39	0.26	0.28
1-3/4	Solid core flush door	0.33	0.28	0.25
2-1/4	Solid core flush door	0.27	0.20	0.21
Steel Doors2				0.21
1-3/4	Fiberglass or mineral wool core w/ steel stiffeners, no thermal break <sup>6</sup>	0.60		
1-3/4	Paper honeycomb core without thermal break	0.56		
1-3/4	Solid urethane foam core without thermal break <sup>1</sup>	0.40		
1-3/4	Solid fire rated mineral fiberboard core without thermal break	0.38		
1-3/4	Polystyrene core without thermal break (18-gage commercial steel) <sup>6</sup>	0.35		
1-3/4	Polyurethane core without thermal break (18-gage commercial steel)	0.29		
1-3/4	Polyurethane core without thermal break (24-gage commercial steel) <sup>6</sup>	0.29		
1-3/4	Polyurethane core w/ thermal break & wood perimether (24-gage commercial steel) <sup>6</sup>	0.20		
1-3/4	Solid urethane foam core with thermal break <sup>1</sup>	0.19	0.16	0.17

Note: All U-factors for exterior doors in this table are for doors with no glazing, except for the storm doors which are in addition to the main exterior door. Any glazing area in exterior doors should be included with the appropriate glass type and analyzed. Interpolation and moderate extrapolation are permitted for door thicknesses other than those specified.

- 1 Values are based on a nominal 32 by 80 in. door size with no glazing. 2 Outside air conditions: 15 mph wind speed, 0.F air temperature; inside air conditions: natural convection, 70 F air temperature.
- Values for wood storm door are for approximately 50 percent glass area.
- Values for metal storm door are for any percent glass area.
- 55 percent panel area
- ASTM C 236 hotbox data on a nominal 3 by 7 ft door size with no glazing.

The U-factors in Table 6 are for exterior wood and steel doors. The values given for wood doors were calculated, and those for steel doors were taken from hot box tests (Sabine et al. 1975: Yellot 1965) or from manufacturer's test reports. An outdoor surface conductance of 6.0 Btu/h·ft²·°F was used, and the indoor surface conductance was taken as 1.4 Btu/h·ft²·°F for vertical surfaces with horizontal heat flow. All values given are for exterior doors without glazing. If an exterior door contains glazing, the glazing should be analyzed as a window.

# **NEW SECTION**

# WAC 51-11-2007 Section 2007—Ceilings.

2007.1 General: Table 20-7 lists heat-loss coefficients for the opaque portion of exterior ceilings below vented attics, vaulted ceilings, and roof decks in units of Btu/°F·hr·ft² of ceiling.

They are derived from procedures listed in Standard RS-1, listed in Chapter 17. Ceiling U-factors are modified for the buffering effect of the attic, assuming an indoor temperature of 65 degrees F. and an outdoor temperature of 45 degrees F.

**2007.2 Component Description:** The three types of ceilings are characterized as follows:

Ceilings Below a Vented Attic: Attic insulation is assumed to be blown-in, loose-fill fiberglass with a K-value of 2.6 Hr. F. ft<sup>2</sup>/Btu per inch. Full bag count for specified R-value is assumed in all cases. Ceiling dimensions for flat ceiling calculations are forty-five by thirty feet, with a gabled roof having a 4/12 pitch. The attic is assumed to vent naturally at the rate of three air changes per hour through soffit and ridge vents. A void fraction of 0.002 is assumed for all attics with insulation baffles. Standard-framed, unbaffled attics assume a void fraction of 0.008.

Attic framing is either standard or advanced. Standard framing assumes tapering of insulation depth around the perimeter with resultant decrease in thermal resistance. An increased R-value is assumed in the center of the ceiling due to the effect of piling leftover insulation. Advanced framing assumes full and even depth of insulation extending to the outside edge of exterior walls. Advanced framing does not change from the default value.

U-factors for flat ceilings below vented attics with standard framing may be modified with the following table:

<b>U-Factor</b>	for
Standard	Framing

	Standard Frame		
Roof Pitch	R-30	R-38	
4/12	.036	.031	
5/12	.035	.030	
6/12	.034	.029	
7/12	.034	.029	
8/12	.034	.028	
9/12	.034	.028	
10/12	.033	.028	
11/12	.033	.027	
12/12	.033	.027	

Vented scissors truss attics assume a ceiling pitch of 2/12 with a roof pitch of either 4/12 or 5/12. Unbaffled standard framed scissors truss attics are assumed to have a void fraction of 0.016.

Vaulted Ceilings: Insulation is assumed to be fiberglass batts installed in roof joist cavities. In the vented case, at least 1.5-inches between the top of the batts and the underside of the roof sheathing is left open for ventilation in each cavity. A ventilation rate of three air changes per hour is assumed. In the unvented or dense pack case, the ceiling

cavity is assumed to be fully packed with insulation, leaving no space for ventilation.

Roof Decks: Rigid insulation is applied to the top of roof decking with no space left for ventilation. Roofing materials are attached directly on top of the insulation. Framing members are often left exposed on the interior side.

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# TABLE 20-7 Default U-factors for Ceilings

# Ceilings Below Vented Attics

	Standard Frame	Advanced Frame
Flat Ceiling	Baffled	
R-19	0.049	0.047
R-30	0.036	0.032
R-38	0.031	0.026
R-49	0.027	0.020
R-60	0.025	0.017
Scissors Truss	j	
R-30 (4/12 roof pitch)	0.043	0.031
R-38 (4/12 roof pitch)	0.040	0.025
R-49 (4/12 roof pitch)	0.038	0.020
R-30 (5/12 roof pitch)	0.039	0.032
R-38 (5/12 roof pitch)	0.035	0.026
R-49 (5/12 roof pitch)	0.032	0.020

Vaulted Ceilings	16" O.C.	24" O.C.
Vented	7	
R-19 2x10 joist	0.049	0.048
R-30 2x12 joist	0.034	0.033
R-38 2x14 joist	0.027	0.027
Unvented		
R-30 2x10 joist	0.034	0.033
R-38 2x12 joist	0.029	0.027
R-21 + R-21 2x12 joist	0.026	0.025

Roof Deck				4x Beams, 48" O.C.
R-12.5	2"	Rigid	insulation	0.064
R-21.9	3.5"	Rigid	insulation	0.040
R-37.5	6"	Rigid	insulation	0.025
R-50	8"	Rigid	insulation	0.019

# **NEW SECTION**

# WAC 51-11-2008 Section 2008—Air infiltration.

2008.1 General: Tables 20-8 and 20-9 list effective aircharge rates and heat capacities for heat loss due to infiltration.

The estimated seasonal average infiltration rate in air changes per hour (ACH) is given for standard air-leakage control (see Section 1502.4 of this Code for air leakage requirements). The effective air-change rate shall be used in calculations for compliance under either the component performance or systems analysis approaches.

Heat loss due to infiltration shall be computed using the following equation:

Qinfil

Where: Q<sub>infil</sub> Heat loss due to air infiltration.  $ACH_{eff}$ The effective air infiltration rate in Table 20-8. The Heat Capacity Density **HCP** 

ACH<sub>eff</sub> \* HCP

Product for the appropriate elevation or climate zone as given below.

TABLE 20-8 Assumed Effective Air-Changes Per Hour

Air-Leakage	Air-Changes per	Hour
Control Package	Natural	Effective
Standard	0.35	0.35

# TABLE 20-9 Default Heat Capacity/Density Product for Air

Zone	Average Elevation	Heat Capacity/Density		
1	Mean Sea Level	0.0180 Btu/hr.°F		
2	2000	0.0168 Btu/hr.°F		
3	3000	0.0162 Btu/hr.°F		

# **NEW SECTION**

WAC 51-11-2009 Section 2009—Mass.

**2009.1 General:** Table 20-10 lists default mass-values. All calculations are based on standard ASHRAE values for heat-storage capacity as listed in RS-1, Chapter 22.

Thermal capacity of furniture is ignored, as is heat storage beyond the first four inches of mass thickness. All mass is assumed to be in direct contact with the conditioned space. Concrete separated from the heated volume by other materials must multiply the listed concrete mass value by the result of the following formula:

$$Ln(R-value) \times (-.221) + 0.5$$

Where:

Ln = Natural log

R-value = R-value of material covering

concrete

**Note:** All default values for covered concrete slabs have been adjusted according to this procedure.

2009.2 Mass Description: Mass is divided into two types: Structural and additional.

Structural Mass: Includes heat-storage capacity of all standard building components of a typical structure, including floors, ceilings, and interior and exterior walls in Btu/°F·ft<sup>2</sup> of floor area. It also assumes exterior wall, interior wall, and ceiling surface area approximately equals three times the floor area.

Additional Mass: Includes any additional building material not part of the normal structure, which is added specifically to increase the building's thermal-storage capability. This category includes masonry fireplaces, water or trombe walls, and extra layers of sheetrock. Coefficients are in Btu/°F·ft<sup>2</sup> of surface area of material exposed to conditioned space. The coefficient for water is Btu/°F-gallon.

2009.3 Component Description: Light frame assumes one inch thick wood flooring with five-eighths inch sheetrock on ceilings and interior walls, and walls consisting of either five-eighths inch sheetrock or solid logs. Slab assumes a four inch concrete slab on or below grade, with five-eighths inch sheetrock on exterior and interior walls and

ceiling, and with separate values for interior or exterior wall insulation. Adjustments for slab covering is based on R-value of material. Additional mass values are based on the density multiplied by the specific heat of the material adjusted for listed thickness.

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# TABLE 20-10 DEFAULT MASS VALUES

Structural Mass M-value floor area	Btu/°F·Ft <sup>2</sup>
Light Frame:	· · · · · · · · · · · · · · · · · · ·
Joisted/post & beam floor, sheetrock walls and ceilings	3.0
Joisted/post & beam floor, log walls, sheetrock ceilings	4.0
Slab With Interior Wall Insulation:	
Slab, no covering or tile, sheetrock walls and ceilings	10.0
Slab, hardwood floor covering, sheetrock walls and ceilings	7.0
Slab, carpet and pad, sheetrock walls and ceilings	5.0

Slab With Exterior Wall Insulation:	
Slab, no covering or tile, sheetrock walls and ceilings	12.0
Slab, hardwood floor covering, sheetrock walls and ceilings Slab, carpet and pad, sheetrock walls and	9.0
ceilings	7.0

Additional Mass M-Value:	BTU/°F'Ft <sup>2</sup> surface area
Gypsum wallboard, 1/2-inch thickness Gypsum wallboard, 5/8-inch thickness Hardwood floor	0.54 0.68 1.40
Concrete/Brick, 4 inch-thickness Concrete/Brick, 6 inch-thickness	10.30 15.40

	BTU/°F'gallon
Water, 1 gallon	8.0

# WSR 92-19-144 PROPOSED RULES DEPARTMENT OF LABOR AND INDUSTRIES

[Filed September 23, 1992, 11:49 a.m.]

Original Notice.

Title of Rule: WAC 296-31-010 through 296-31-100 mental health treatment rules.

Purpose: To separate mental health treatment rules and fees pertaining to crime victims from industrial insurance rules and fees.

Statutory Authority for Adoption: RCW 43.22.050. Statute Being Implemented: Chapter 7.68 RCW.

Summary: The rules establish definitions, treatment authorization requirements, provider reporting requirements

and fees for services that are unique to the Crime Victims Act.

Reasons Supporting Proposal: Mental health needs of crime victims are different from those of injured workers. The rules provide treatment parameters and fees for therapy that meet those needs.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Rich Ervin, 7273 Linderson Way S.W., Tumwater, (206) 956-5340.

Name of Proponent: Department of Labor and Industries, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: The rules provide clear information on mental health treatment of crime victims and payment for that treatment. The purpose is to separate the mental health treatment rules and payment schedule from the industrial insurance mental health treatment rules and payment schedule in order to meet the differing needs of crime victims. The primary effect should be to give mental health

service providers guidelines that are clearer, more easily understood and more pertinent to the needs of crime victims than the guidelines that previously existed.

Proposal does not change existing rules.

RCW 19.85.030(2) requires that a small business impact statement be filed only if a rule affects 20% of all industries or 10% of any one industry. This rule has neither of those effects.

The department reviewed data on medical and mental health providers servicing crime victims and has determined that less than 10% of the providers in any of the applicable SIC codes are impacted by the rules.

Hearing Location: Department of Social and Health Services, Office Building 2, Olympia, Washington, on October 28, 1992, at 9:00 a.m.

Submit Written Comments to: Crime Victims Section, P.O. Box 44520, Olympia, WA 98504-4520, by October 28, 1992.

Date of Intended Adoption: November 13, 1992.

September 23, 1992 Dorette M. Markham for Joseph A. Dear Director

# Chapter 296-31 WAC CRIME VICTIMS COMPENSATION MENTAL HEALTH TREATMENT RULES AND FEES

# **NEW SECTION**

# WAC 296-31-010 Mental health treatment overview.

- (1) The crime victim compensation program provides mental health treatment to victims of crime, secondary to treatment available from any other public or private insurance, who are eligible for compensation under the provisions of chapter 7.68 RCW. Eligible claimants are entitled to receive proper and necessary mental health treatment.
- (2) Services and treatment are limited to those procedures which are proper and necessary, and at the least cost, consistent with accepted standards of mental health care which will enable the claimant to obtain maximum recovery and/or:
- (3) In the case of a permanent partial disability, treatment or services are not to extend beyond the date when permanent partial impairment or disability compensation is awarded. No treatment or services will be authorized beyond the point that the accepted condition is fixed and stable.
- (4) In the case of a permanent total disability, treatment is not to extend beyond the date on which the claimant is placed upon a permanent pension roll except that in the sole discretion of the department continued treatment for conditions previously accepted by the department may be allowed when such treatment is deemed necessary to protect the claimant's life or to provide for the administration of therapeutic measures. This includes payment of prescription medications necessary to alleviate continuing pain resulting from the accepted condition but does not include those controlled substances scheduled by the state board of pharmaceuticals as schedule I, II, III, IV substances under chapter 69.50 RCW.
  - (5) Mental health treatment requiring preauthorization:

Inpatient hospitalization;

Therapy involving a regular single session exceeding one hour per week;

Concurrent treatment;

Family therapy (including all therapy provided to family members) beyond twelve sessions;

Multiple family group therapy beyond twelve sessions; Therapy for survivors of victims of homicide beyond twelve sessions:

Electroconvulsive therapy;

Neuropsychological evaluation (testing);

Day treatment;

Referrals to special programs.

Requests for authorization must be in writing and include a statement of:

- (a) The condition(s) diagnosed;
- (b) ICD-9-CM and/or DSM-III-R codes;
- (c) The relationship of the condition(s) diagnosed to the assault, if any;
- (d) An outline of the proposed treatment program, its length and components, procedure codes, and expected prognosis.
  - (6) Rejected and closed claims:

No payment will be made for treatment or medication on rejected claims or for services rendered after the date of closure of a claim.

When the department has denied responsibility for an alleged crime victim injury or condition, the only services which will be paid are those which were carried out at the specific request of the department and/or those assessment or diagnostic services which served as a basis for the adjudication decision. Following the date of the order and notice of claim closure, the department will be responsible only for those services specifically requested or those assessments and/or diagnostic services necessary to complete and file a reopening application.

# **NEW SECTION**

WAC 296-31-020 **Definitions.** This section explains the department's definitions of terms used throughout the sections as they apply to claimants.

ACCEPTANCE, ACCEPTED CONDITION: Determination, in writing, by a qualified representative of the department, that reimbursement for the diagnosis and rehabilitative treatment of a claimant's mental health condition are the responsibility of the department. The condition being accepted must be specified by one or more diagnostic codes from the current edition of the International Classification of Diseases, Clinically Modified (ICD-CM), or by DSM III-R, and by use of words to describe the symptoms connected to or citing ICD-CM or DSM III-R diseases.

AUTHORIZATION: Notification, in writing or by telephone, by a qualified representative of the department, that specific necessary treatment, services, or equipment recommended by a provider for the diagnosis or rehabilitative treatment of an accepted condition will be reimbursed by the department. Providers must insure they maintain records indicating the name of the qualified representative who authorizes treatment or equipment.

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CLAIMANT: A person who submits, or on whose behalf is submitted, an application for benefits under the Crime Victims Act.

CRISIS INTERVENTION: Therapy to alleviate the most pressing problems and attempt to use the crisis as an opportunity for positive change; the vital mental and safety functions of the client are stabilized by providing support, structure and, if necessary, restraint.

DISABILITY AWARDS FOR MENTAL HEALTH CONDITIONS: Direct monetary compensation that may be provided to an eligible claimant who is either totally temporarily disabled, permanently partially disabled, or totally permanently disabled resulting from an accepted condition. Under Washington law, permanent disability awards are based solely on mental impairment due to the accepted injury or conditions without consideration of economic factors. Disability rating exams must be provided by a physician.

ELECTIVE NONEMERGENT HOSPITAL ADMISSION: Placement of the claimant in an acute care hospital or residential treatment facility for mental health treatment of a claim related mental health condition which may be safely scheduled in advance without jeopardizing the claimant's health or treatment outcome.

EMERGENT HOSPITAL ADMISSION: Placement of the claimant in an acute care hospital, psychiatric hospital, or, residential treatment facility for treatment of a claim related mental health condition of an unforeseen or rapidly progressing nature which, if not treated in an inpatient setting, is likely to jeopardize the claimant's health or treatment outcome.

FAMILY THERAPY: Therapy involving the therapist, and one or more members of the claimant's family (excluding the perpetrator if also a family member) and which centers on issues resulting from the claimant's assault.

GROUP THERAPY: Therapy involving the claimant, the therapist, and one or more clients who are not related to the claimant and which includes issues both related to the claimant's assault and pertinent to other group members, not necessarily related to the claimant's assault.

HOMICIDE SURVIVOR: An immediate family member of a homicide victim as the result of a criminal act committed on or after July 1, 1992. Homicide survivors may receive appropriate counseling to assist them with the immediate, near term consequences of the related effects of the homicide.

IMMEDIATE FAMILY MEMBERS: Any claimant's parents, spouse, child(ren), siblings, grandparents, and those members of the same household who have assumed the rights and duties commonly associated with a family and who hold themselves out as a family unit.

INDIVIDUAL THERAPY: Therapy provided on a one to one basis between a therapist and claimant.

MENTAL HEALTH SERVICES PROVIDER: Any person, firm, corporation, partnership, association, agency, institution, or other entity providing any kind of mental health services related to the treatment of a claimant. This includes, but is not limited to, hospitals, psychiatrists, psychologists, advanced registered nurse practitioners with a specialty in psychiatric and mental health nursing, registered and/or certified master level counselors, and other qualified service providers licensed, registered and/or certified with

the department of health and registered with the crime victims program. (Refer to WAC 296-31-030 for specific details.)

MODIFIED WORK STATUS: When the claimant is not able to return to previous work, but is capable of carrying out work of a lighter, or otherwise different nature.

NECESSARY TREATMENT: Those health services or treatments which, in the opinion of the director or his or her designee are:

Proper and necessary for the diagnosis or rehabilitative treatment of an accepted condition;

Reflective of accepted standards of good practice within the scope of the provider's license, certification, or registration;

Not delivered primarily for the convenience of the claimant, the claimant's attending provider, or any other provider; and

Provided at the least cost and in the least intensive setting of care consistent with accepted standards of care/accepted therapeutic practice and with the other provisions of this definition. Services which are inappropriate to the accepted condition, or which present hazards in excess of the expected mental health benefits, are not considered necessary. Services which are obsolete are not authorized. Services which are controversial, experimental, or investigational are presumed not to be consistent with accepted standards of care and shall only be authorized on an individual case basis with written authorization for the service from the department.

OFFICE NOTES: Written records of treatment, or other work products, documenting specific charges billed, as opposed to reports of evaluation and progress independently submitted to the department or to other parties.

PERMANENT PARTIAL DISABILITY: Providers are required to notify the department of any claimant's accepted condition where permanent functional impairment or loss is indicated after maximum rehabilitation has been achieved, which is determined to be stable and fixed at the time the evaluation is made. The department will arrange to have impairments rated using the category system under WAC 296-20-200 et al.

REGULAR WORK STATUS: When the injured claimant is capable of returning to his/her regular work, the attending provider must notify the claimant and the department of the specific date of release to return to regular work. Time loss compensation will be terminated on the release date. Further treatment may be allowed as requested by the attending provider if the condition is not stable or fixed and treatment is needed for the accepted condition.

REPRESSED MEMORY: A condition of not having or had conscious memory of an act. For the purpose of these rules describing this condition under this section the definition means that a claimant regained conscious memory of victimization caused by a criminal act committed against them as a minor.

TEMPORARY PARTIAL DISABILITY: Partial time loss may be paid when the claimant can return to work on a limited basis, or, return to a lesser paying job is necessitated by the accepted condition. However, the claimant must have a reduction in wages of at least five percent before loss of earning power can be paid.

TERMINATION OF TREATMENT: When treatment is no longer required because the accepted condition for which the claim was allowed has become stable, the provider must submit a report indicating the date the condition became stable to the department. This is necessary to initiate closure of the crime victim's compensation claim.

TIME LOSS CERTIFICATION: Certification from a primary health care provider based upon findings which are specific symptoms that an accepted condition of a claimant either partially or totally incapacitates the claimant from returning to work. Such symptoms may include, but are not limited to: Anxiety, depression, loss of appetite, weight loss, flat affect, inability to concentrate, inability to complete tasks. The department requires that all claims for time loss compensation must be certified by the attending provider.

TOTAL PERMANENT DISABILITY: A condition permanently incapacitating a claimant from performing any work at any gainful occupation.

TOTAL TEMPORARY DISABILITY (time loss): The claimant is temporarily unable to return to any type of reasonably continuous gainful employment as a direct result of an accepted condition. Time loss compensation will be paid if the victim was employed on the date of their criminal injury, or, if not, if the victim was employed three or more consecutive months during the twelve months immediately preceding the date of the assault.

UTILIZATION REVIEW: The assessment of a claimant's mental health care for assurance that it is necessary and of good quality. Assessments typically consider the appropriateness of the place of care, level of care, and the duration, frequency or quantity of services provided in relation to the accepted condition being treated.

VICTIM: A person who suffers bodily injury or death as the proximate result of a criminal act of another person, the claimant's own good faith and reasonable effort to prevent a criminal act, or his or her good faith effort to apprehend a person reasonably suspected of engaging in a criminal act. For the purposes of receiving benefits, "victim" is interchangeable with "employee" or "worker" as defined in the Industrial Insurance Act. For the purpose of these rules "bodily injury" means any harmful or offensive touching, and includes severe emotional distress where no touching takes place as defined and under the conditions outlined in WAC 296-30-010(2).

# **NEW SECTION**

WAC 296-31-030 General provider requirements— Who may treat. (1) Mental health providers who may treat

Who may treat. (1) Mental health providers who may treat claimants under the Crime Victims Act must register with the crime victims compensation program and qualify as an approved provider under these rules. The department must register the mental health provider before the mental health provider is eligible for payment for services.

(2) Washington permanently licensed psychiatrists, psychologists and advanced registered nurse practitioners with a specialty in psychiatric and mental health nursing, and registered and/or certified master level counselors whose master's degree is in a field of study related to mental health services including but not limited to, social work, marriage and family therapy or mental health counseling, who are registered with the crime victims program are authorized to

provide treatment in accordance with these rules to claimants.

Out-of-state providers must be licensed, registered and/or certified in accordance to the licensing requirements within the state in which they practice. Copies of license, registration and/or certification must be provided when applying for approval to treat Washington state crime victims.

In areas where the department has determined licensed, and/or certified providers are not available, the department may consider registration exceptions on an individual case basis.

- (3) The department has a duty to supervise provision of proper and necessary mental health care that is delivered promptly, efficiently, and economically. The department may deny, revoke, suspend, limit, or impose conditions on a mental health care provider's authorization to treat victims under the Crime Victims Act. Reasons for imposing any of the above restrictions include, but are not limited to the following:
- (a) Negligence or incompetence which results in injury to a claimant or which creates an unreasonable risk that a claimant may be harmed.
- (b) The illegal possession, use, prescription for use, or distribution of controlled substances, legend drugs, or addictive, habituating, or dependency-inducing substances in any way other than for therapeutic purposes.
- (c) Any temporary or permanent probation, suspension, revocation, or other relevant type of limitation of a provider's license, certification or registration to practice by any court, board, or administrative agency.
- (d) The commission of any act involving moral turpitude, dishonesty, or corruption relating to the practice of the provider's profession. The act need not constitute a crime. If a conviction or finding of such an act is reached by a court or other tribunal pursuant to plea, hearing, or trial, a certified copy of the conviction or finding is conclusive evidence of the violation.
- (e) Failure to comply with the department's orders, rules, or policies.
  - (f) Failure, neglect, or refusal to:
- (i) Submit copies of license, certification and/or registration and degree to the department.
- (ii) Maintain and provide records requested by the department pursuant to a health care services review or an audit.
- (iii) Submit complete, adequate, and detailed reports or additional reports requested or required by the department regarding the treatment and condition of a claimant.
- (g) The submission of, or collusion in the submission of, false or misleading reports or bills to any government agency.
  - (h) Billing a claimant for:
- (i) Treatment of a condition for which the department has accepted responsibility; or
- (ii) Any amount more than the amount paid by the department under the maximum allowable fee set forth in these rules and any other charge with the exception of "no show" appointment charges. The department has no provision to pay charges for missed appointments, except for independent assessments arranged by the department.

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Claimants may be billed directly for missed or "no show" appointments.

- (i) Repeated failure to recognize emotional and social factors impeding recovery of a claimant who is being treated under the Crime Victims Act.
- (j) Repeated unreasonable refusal to comply with the recommendations of board certified or qualified consultants who have examined or reviewed a claim for the department.
  - (k) Repeated use of:
  - (i) Treatment of controversial or experimental nature;
  - (ii) Contraindicated or hazardous treatment; or
- (iii) Treatment past stabilization of the condition or after maximum mental health improvement has been obtained.
- (l) Declaration of mental incompetency by a court or other tribunal.
- (m) Failure to comply with the applicable code of professional conduct or ethics.
- (n) Failure to inform the department of any disciplinary action issued by order or formal letter taken against the provider's license, certification or registration to practice.
- (o) The finding of any peer group review body of reason to take action against the provider's practice privileges.
- (p) Misrepresentation or omission of any material information in the application for authorization to treat claimants.
- (q) Repeated billing of the department for services that are available to claimants from public or private insurance sources. The crime victims compensation program is a secondary insurer. Providers should bill the department only after all benefits available to the claimant from public or private insurance are exhausted.
- (4) If the department finds reason to take corrective action, the department may also order one or more of the following:
- (a) Recoupment of payments made to the provider, including interest; at the rate of one percent per month or portion of a month beginning on the thirty-first day after payment was made.
  - (b) Denial or reduction of payment;
- (c) Placement of the provider on a prepayment review status requiring the submission of supporting documents prior to payment;
- (d) Requirement to satisfactorily complete education courses and/or programs; and
- (e) Imposition of other appropriate restrictions or conditions on the provider to include revocation of the privilege to be reimbursed for treating victims under the Crime Victims Act.
- (5) The department shall forward a copy of any corrective action taken against a provider to the applicable disciplinary authority.
- (6) Appeal and protest rights: A provider may file a written protest to any department order, decision, or award. An appeal or protest to an order or decision demanding repayment of sums must be submitted to the department or the board of industrial insurance appeals within twenty days from receipt of the order or decision. An appeal or protest to an order or decision regarding other issues, e.g., ongoing treatment or provider eligibility, must be filed within sixty days from receipt of the order or decision.

# NEW SECTION

- WAC 296-31-040 Special programs. (1) The department may enter into special agreements for services or special treatment modalities or services provided by community based mental health treatment centers, rape crisis centers, domestic violence shelters, medical facilities, and medical facility based sexual assault treatment centers, provided under the direction of registered providers authorized to bill the department. Special agreements are for services or treatment modalities other than routine services or treatment modalities covered under the fee schedule, and may include, but are not limited to, group counseling, crisis counseling, and emergency assistance and referral programs, or multidisciplinary or inter-disciplinary programs such as day treatment, drug, alcohol, and chemical dependency treatment.
- (2) The department shall establish payment rates for special agreements or treatment modalities, and may establish outcome criteria, measures of effectiveness, minimum staffing levels, certification requirements, special reporting requirements, and such other criteria as will ensure that claimants receive good quality and effective services treatment at the least cost, consistent with necessary services.
- (3) Special agreements shall be purchased or authorized at the discretion of the department. The department may terminate special programs from the crime victims compensation program upon thirty days notice to the provider.

# **NEW SECTION**

WAC 296-31-050 Initial treatment and application for benefits. (1) It is the responsibility of the crime victim to notify the provider if the claimant has reason to believe his or her condition is related to a criminal assault. If the attending provider discovers a condition which he or she believes to be crime related or has reason to believe a condition is crime related, he or she must so notify the claimant. It is the provider's responsibility to ascertain whether he or she is the first attending provider. If so, the following action shall be taken by the attending provider:

- (a) Provide crisis intervention if necessary.
- (b) Immediately complete the provider portion of the application for benefits.
- (c) Instruct and give assistance to the crime victim in completing his or her portion of the application for benefits.

In completing a claim or application, the following information is necessary so there is no delay in adjudication of the claim or payment of compensation:

- (i) Complete history of the condition, physical findings if appropriate, and symptomatology resulting from the crime.
- (ii) Specific diagnosis with ICD-9-CM or DSM III-R code(s), including axes 1 through 5, or a description of symptoms, consistent with and connected to the diagnostic criteria contained within DSM III-R, relating to the injury.
  - (iii) Type of treatment rendered.
- (iv) Known emotional, or social conditions which may influence recovery or cause complications.
  - (v) Estimate of time loss (if any) due to the injury.
- (2) If the claimant remains under the provider's care, continue with necessary treatment in accordance with mental health rules.

If the provider is not the original attending provider, he or she should question the claimant to determine whether an application for benefits has been filed for the condition. If no application has been previously filed, it should be completed immediately and forwarded to the department with information as to the name and address of the original provider if known, so that he/she may be contacted for necessary information. If an application has been filed, it is necessary to have the claimant submit in writing a request for transfer as outlined in WAC 296-31-065, if the claimant and provider agree that a change of provider is desirable.

#### **NEW SECTION**

WAC 296-31-060 Reporting requirements. The department may require reports at any time as is necessary in order to determine initial or continued authorization of benefits or services. However, the department requires the following reports at various stages of a claim in order to authorize mental health treatment or services, time loss compensation, and bill payments for innocent victims of crime:

- (1) INITIAL REPORT OF INJURY: To establish a claim, an application for benefits must be completed and submitted to the department. The provider may bill under code 90001 for the filing of the application. In addition, the examination or assessment charge may be billed. Reimbursement of these services will be paid if the claim is allowed by the department. Billing for an extended or comprehensive visit of more than one hour may require submission of additional reports.
- (2) INITIAL EVALUATION REPORT: This report may be submitted with the application for benefits by either the provider or claimant, or no later than thirty days from the date of first treatment. The report must include the preliminary diagnosis and symptoms, proposed treatment plan and treatment goals, and expected length of treatment. It must also include a diagnosis of any preexisting conditions and their potential effect on the condition resulting from the assault. Any change in session frequency from that stated in this report will require authorization.
- (3) OFFICE NOTES AND FOLLOW-UP VISITS: Legible copies of office or progress notes or other work products may be, as determined by the department, required documentation to substantiate all follow-up visits or treatment following the initial evaluation. Office notes are not acceptable in lieu of requested narrative reports.
- (4) NINETY-DAY NARRATIVE REPORTS: When treatment is to continue beyond ninety days from the first date of treatment, submission of a narrative report is required every ninety days to substantiate the need for continued care. A narrative report must contain the basic information outlined in these rules. A narrative report should be billed under code 99080 and described as a ninety-day report. Treatment in excess of ninety days may be authorized by the department only after receipt and review of the ninety-day narrative report. Absence of a response from the department to a report or preauthorization request shall constitute authorization for continued treatment. When treatment beyond ninety days will not be authorized or is authorized with limits on frequency or provider type, notification will be sent by the department giving a thirty-day transition

period. In the case of a contested decision, a claimant or a provider may file a written protest to the department or appeal to the board of industrial insurance appeals. The information required for the narrative report is contained under WAC 296-31-090.

- (5) HOSPITAL REPORTS: When the claimant is hospitalized, it is the responsibility of the attending mental health provider to submit his or her reports to the hospital for submission with the hospital billing. The attending mental health provider may bill for hospital visits without attaching copies of the reports.
- (6) CONSULTATION REPORTS: To substantiate treatment of more than one hundred eighty days, a consultation with a consultant chosen by the attending mental health provider is required. The department may require the claimant to be examined by the consultant as part of the consultation process with supervisory approval. Although no prior authorization is required for such consultations, the department must be notified when such consultation is arranged. The consultant is responsible for submitting a copy of the report as outlined in these rules within fifteen days from the date of the consultation. Treatment may only be authorized to extend beyond one hundred eighty days in mental health cases after the department has received this report. Absence of response, by the department upon receipt of the report shall constitute authorization for additional treatment. When extended treatment will not be authorized or will be terminated, notification will be sent by the department giving a thirty-day transition period. See WAC 296-20-035 and 296-31-095 for consultation report requirements.
- (7) NINETY-DAY FOLLOW-UP REPORTS: Following the one hundred eighty-day report and consultation, additional narrative reports are still required at ninety-day intervals. The department may request additional consultations and/or independent assessments as warranted by the individual case.
- (8) TERMINATION REPORTS: When a mental health practitioner discontinues treatment of a claimant because the condition for which treatment was provided is fixed and stable or for any other reason, a termination report shall be completed and provided to the program within sixty days of the last visit.
- (9) REOPENING APPLICATION: On claims closed over sixty days, the department will pay for completion of a reopening application (Code 90097), an office visit and diagnostic studies necessary to complete the application, (see WAC 296-20-097). No other benefits will be paid until the adjudication decision is rendered.

# **NEW SECTION**

WAC 296-31-065 Ongoing treatment. (1) Cases that remain open more than one hundred eighty days: When the claimant requires treatment beyond one hundred eighty days, a consult with another mental health provider is necessary to determine and/or establish the need for continued treatment and/or payment of time-loss compensation. This may be accomplished by the attending mental health provider in consultation with a provider who also satisfies the department requirements. A detailed consultation report must be provided to the department.

- (2) Procedures and/or continued treatment requiring consultation: In the event of complication, controversy, or dispute over the treatment aspects of any claim, the department will not authorize continued treatment until the complication, controversy, or dispute has been resolved and the department has received notification of any findings and reviewed any recommendations.
- (a) The department may consider claims as complicated, controversial or disputed when involving treatment or conditions as follows:
- (i) All individual counseling or psychotherapy, and family counseling, which includes the claimant, requiring a treatment period of more than one hundred eighty days following the initial visit.
- (ii) All individual counseling or psychotherapy, pertaining to immediate family members, requiring treatment sessions of more than twelve visits.
- (iii) All family therapy visits, not including the claimant, requiring more than twelve visits.
- (iv) All group therapy more than one hundred eighty days.
- (v) All conditions not related to the accepted condition involving emotional, psychiatric, or social problems which are likely to complicate recovery.
- (vi) All therapeutic procedures of a controversial nature or type not in common use for the specific condition.
- (vii) Cases where there are complications or unfavorable circumstances such as age, preexisting conditions, or, because of occupational requirements, etc.
  - (viii) Elective nonemergent hospital admission.
- (b) The department may resolve issues of claim complication, controversy, or dispute using consultants, independent assessments and/or requesting a review of policies or procedures by the department's mental health advisory committee. The committee may recommend courses of action to resolve these issues to including, but not limited to, recommendation of an independent assessment.
- (c) In cases presenting diagnostic or therapeutic problems difficult to resolve to the attending mental health provider (psychiatrist, psychologist and/or counselor), consultation with a specialist will be allowed without prior authorization. The consultant must submit his or her findings and recommendations immediately to the attending provider and the department. See WAC 296-31-095 and 296-20-035 for report contents and requirements.
- (i) Whenever possible, the referring mental health provider should make his or her records available to the consultant to avoid unnecessary duplication. Consultants may proceed with indicated and reasonable diagnostic studies as permitted within their scope of practice.
- (ii) Consultations must be held within the local geographic area of the claimant's residence, if possible, and with a consultant not in partnership or other business association with the attending mental health provider. Exceptions to this requirement may be made only with department preauthorization. The department does not prohibit the use of members of the same professional or social associations.
- (iii) The mental health provider will not arrange a consultation if notification has been received that an independent assessment is being arranged by the department. If a recent consultation has been completed and the attending

- mental health provider is notified that the department is arranging an assessment, the department must be advised immediately of the consultation.
- (iv) The consultation fee will be paid only if a consultation report is complete (see WAC 296-20-035 and 296-31-095) and contains all psychological findings as well as all pertinent negative or normal findings. The report must be received in the department within fifteen days from the date of the consultation. No fee may be paid to the consultant, by the department, if the claimant misses/fails to attend the appointment. However, the claimant may be billed directly.
- (v) The consultant may not order, prescribe, or provide treatment without the consent of the claimant. No transfer will be made to the consultant without the written request of the claimant.
- (3) Concurrent treatment: In some cases, treatment by more than one provider may be allowed. The department will consider authorization of concurrent treatment when the accepted condition requires specialty or multidisciplinary care. When requesting consideration of concurrent treatment, the attending mental health provider must provide the department with the following: The name, address, discipline, and specialty of all other providers requested to assist in the treatment of the claimant and an outline of their responsibility in the case and an estimate of the length of the period of concurrent care. When concurrent care is allowed, the department will recognize one primary attending mental health provider, who will be responsible for directing the over-all treatment program; providing copies of all reports and other data received from the involved providers and, in time loss cases, providing the adequate certification evidence of the claimant's inability to work. The department will approve concurrent care on an individual case basis.
- (4) Transfer of attending provider: All transfers from one provider to another must be approved by the department. Normally transfers will be allowed only after the claimant has been under the care of the attending mental health provider for sufficient time for the provider to: Complete the necessary diagnostic studies, establish an appropriate treatment regimen, and evaluate the efficacy of the therapeutic program. Under RCW 51.36.010 claimants are entitled to free choice of attending provider subject to the limitations of RCW 7.68.130. Except as provided under (a) through (g) of this subsection, no reasonable request for transfer will be denied. The claimant must be advised when and why a transfer is denied. The department reserves the right to require a claimant to select another provider for treatment, under the following conditions:
- (a) When more conveniently located providers, qualified to provide the necessary treatment, are available.
- (b) When the attending provider fails to cooperate in observance and compliance with the department rules.
- (c) In time loss cases where reasonable progress towards return to work is not shown.
- (d) Cases requiring specialized treatment, which the attending provider's authority is not qualified to render, or is outside the scope of the attending provider's authority to practice.
- (e) Where the department finds a transfer of provider to be appropriate and has requested the claimant to transfer in accordance with this rule, the department may select a new

attending provider if the claimant unreasonably refuses or delays in selecting another attending provider.

- (f) In cases where the attending provider is not qualified to treat each of several accepted conditions. This does not preclude concurrent care where indicated.
- (g) No transfer will be approved to a consultant without the written request of the claimant. Transfers will be authorized for the foregoing reasons or where the department in its discretion finds that a transfer is in the best interest of returning the claimant to a productive role in society.

# **NEW SECTION**

- WAC 296-31-069 Independent assessments. (1) Independent assessments may be ordered by the department or requested of the department by the attending provider. Such assessments are usually ordered or requested after consultations for one of the following purposes:
- (a) To establish a diagnosis. Prior diagnoses may be controversial or ill-defined.
- (b) To outline the treatment rationale, where treatment or progress is vague or controversial.
- (c) To establish therapeutic data to determine if the condition requiring treatment is related to conditions sustained and allowed by the department as a result of a specific criminal act.
- (d) To determine the extent and duration of aggravation of any preexisting mental health condition.
- (e) To establish when the claimant has reached maximum benefit from treatment.
- (f) To establish a percentage rating of any permanent impairment, for mental health conditions when maximum recovery is reached.
- (g) To determine indications for reopening of a claim for further treatment on basis of the aggravation of the accepted condition.
- (h) To determine eligibility qualifications of claimants applying under RCW 7.68.060(3), the repressed memory provision of the Crime Victims Act.
- (2) Independent assessments for mental health conditions may be ordered by claims adjudicators without supervisory approval to rate permanent impairment when treatment has been completed, to determine the department's responsibility for treatment that has been rendered retroactively where significant causal relationship questions exist and to determine eligibility qualifications of claimants applying under RCW 7.68.060(3), the repressed memory provision of the Crime Victims Act. All other reasons for ordering independent assessments for mental health conditions require supervisory approval.
- (3) The following shall be reported by the assessing practitioner:
- (a) Independent assessments must be specific and factual.
- (b) The claimant's medical and mental health history must be checked for accuracy, variation or exaggeration compared to documented history provided to the examiner for this assessment.
- (c) Diagnosis: Must be specific and describe the mental health condition and symptomatology found using DSM III-R, and be substantiated by history.

- (d) Conclusions: Must be specific and must definitely express an opinion concerning the purpose for which the assessment was requested, and should be consistent with the history and diagnosis reported.
- (e) Permanent disability: Ratings must be supported by sufficient data to establish the category disability rating; also the report must demonstrate and articulate a definite causal relationship to the accepted condition(s) on a more probable than not basis.

# **NEW SECTION**

WAC 296-31-070 Provider obligations—Acceptance of rules and fees. (1) The filing of a crime victims compensation claim, or the rendering of treatment to a victim who comes under the department's jurisdiction constitutes acceptance of the department's crime victims compensation mental health rules and mental health fees and compliance with its rules and fees. In accordance with RCW 7.68.060(1) of the Crime Victims Act, when a mental health provider renders treatment to a victim entitled to benefits under the law, it shall be the duty of the mental health provider to inform the victim of his or her rights under this title and to lend all necessary assistance in making the application for compensation and such proof of other matters as required by the rules of the department without charge to the victim; a victim shall not be billed for treatment rendered for his or her accepted condition. The department may be contacted to obtain brochures and copies of the act.

When there is questionable eligibility, (e.g., service is not usually allowed for crime victims when a investigation or claim determination is pending), the provider may require the claimant to pay for the treatment rendered. In cases of questionable eligibility where the provider has billed the claimant or other insurance, and the claim is subsequently allowed, the provider shall refund the claimant in full within thirty days of notification of allowance of claim and bill the department for services rendered at usual and customary charges. Cases in which there is a question of ethics or quality of care will be referred to the department of health.

- (2) The department must be notified immediately when an unrelated condition is being treated concurrently with an accepted condition. See WAC 296-20-055 for specific information required.
- (3) Penalties. The reporting requirements and penalty provision for physicians contained in RCW 51.36.060 and 51.48.060 shall be the same for mental health providers pursuant to RCW 7.68.100.

# NEW SECTION

WAC 296-31-071 Keeping of records. A provider who requests payment from the department for services shall maintain all patient and billing records necessary for the director's authorized auditors to audit the provision of services. A provider shall keep all records necessary to disclose the extent of services furnished to claimants or their family members. These records shall be provided to department representatives upon request and at a minimum, these records shall include specific documentation of the level and type of service for which payment is sought. Records must be maintained for audit purposes for a

minimum of five years from the date of the last treatment of the claimant.

The confidentiality concerning the safeguarding and release of claimant personal information is governed under RCW 7.68.140 and 7.68.145 of the Crime Victims Act. The department may be contacted for brochures and copies of the act.

# **NEW SECTION**

- WAC 296-31-072 Review of mental health services providers. (1) The department may review providers' patient and billing related records to ensure claimants are receiving proper and necessary care and to ensure providers' compliance with the department's rules, fee schedules, and policies. A records review may be the basis for corrective action against the provider.
- (2) The department may review records before, during, or after delivery of services. Records reviews may be conducted for cause or at random and may include the utilization of statistical sampling methodologies and projections based upon sample findings. Records reviews may be conducted at or away from the provider's places of business, at the department's discretion.
- (3) The department will give ten working days written notification to any provider, except as authorized in WAC 296-18A-460, that the provider's patient and billing related records will be reviewed by an auditor at the provider's place(s) of business to determine compliance with mental health rules and standards.
- (4) The provider shall provide, in lieu of originals, legible copies of providers' records if requested by the department. Providers shall furnish copies of the requested records within thirty calendar days of receipt of the request.
- (5) The department will not remove original records from provider's premises.
- (6) For information regarding the formal appeals process, refer to chapter 51.52 RCW.

# **NEW SECTION**

WAC 296-31-073 Utilization management. The department, as a trustee of funds appropriated by legislature, has a duty to supervise the provision of proper and necessary mental health care that is delivered promptly, efficiently, and economically. Toward this end, the department uses utilization management programs. These programs are designed to monitor and control the proper and necessary use and cost of services.

These programs include, but are not limited to, managed care contracting, prior authorization for services, and alternative reimbursement systems.

# **NEW SECTION**

WAC 296-31-074 Interest on excess payments. (1) When a provider of health services receives a payment to which that provider is not entitled, the provider must repay the excess payment, plus accrued interest, at the rate of one percent per month or portion of a month beginning on the thirty-first day after payment was made, without regard to whether the excess payment occurred due to provider or

department error or oversight, except as provided in subsection (2) of this section.

- (2) When a provider:
- (a) Accepts in good faith a determination by the department that a victim is eligible for benefits under chapter 7.68 RCW; and
- (b) Provides bills and receives payment for services to that victim and the department later determines that the claimant was ineligible for services during that period, interest will begin to accrue from the date notification is provided by the department to the provider of such eligibility. Notification will be sent by certified mail. Interest accrues from the 5th day after date of mailing.
- (3) Interest accrues on excess payments at the rate of one percent per month or portion of a month beginning on the thirty-first day after payment was made. Where partial repayment of an excess payment is made, interest accrues on the remaining balance.
- (4) The department reserves the option of either requesting the provider to remit the amount of the excess payment and accrued interest to the department, or offsetting excess payments and accrued interest against future payments due to the provider from the department.

#### **NEW SECTION**

WAC 296-31-075 Excess recoveries. In cases where a recovery has been made resulting in an excess recovery subject to offset from the future benefits or compensation due, the department is not liable for payment for services rendered by providers. The claimant is responsible for payment at department fee schedule rates. The claimant should be treated and the department billed in accordance with these mental health treatment rules and instructions, and in accordance with the rules and instructions contained in chapters 296-20 through 296-23A WAC. When bills are processed against the amount of the excess recovery, the department will notify the provider. The department will resume financial responsibility to or on behalf of the claimant when the amount of such excess has been reduced to zero.

#### **NEW SECTION**

WAC 296-31-080 Billing procedures. (1) All services rendered must be in accordance with these mental health treatment rules. The department may reject bills for services rendered in violation of these rules. The claimant may not be billed for services rendered in violation of these rules. However, claimants may be billed if they fail to keep or miss a properly scheduled appointment.

(a) Bills must be itemized on department forms or other forms which have been approved by the department. Physicians, advanced registered nurse practitioners, psychologists, and masters level mental health counselors may use the National Standard HCFA 1500 Health Insurance Claim Form or the department's statement for crime victim services. When billing for treatment of a family member other than the claimant, you must identify the family member by name and relationship to the claimant. Hospitals use the UB-82 billing form for institution services and the National Standard HCFA 1500 Health Insurance Claim Form for professional services.

- (b) Bills must specify the date and type of service, the appropriate procedure code, the condition treated, and the charges for each service.
- (c) Every bill submitted to the department must be completed to include the following:
  - (i) Claimant's name and address;
  - (ii) Claimant's claim number;
  - (iii) Date of injury;
  - (iv) Referring provider's name;
  - (v) Dates of service;
  - (vi) Place of service;
  - (vii) Type of service;
  - (A) Psychiatrists and psychologists use type of service
  - (B) Master level counselors use type of service M.
- (C) Advanced registered nurse practitioners (ARNP) use type of service N.
- (viii) Appropriate procedure code or hospital revenue code.
- (ix) Description of service; if mental health patient is not the claimant, give name and relationship to the claimant;
  - (x) Charge;

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- (xi) Units of service;
- (xii) Total bill charge;
- (xiii) Provider of service;
- (xiv) Group, clinic, center, or facility name;
- (xv) Billing address;
- (xvi) Federal tax information;
- (A) Federal tax identification number; or
- (B) Social Security number.
- (xvii) Date of billing;
- (xviii) Submission of supporting documentation required under (f) of this subsection;
- (xix) Private or public insurance eligibility and amounts paid.
- (d) Responsibility for the completeness and accuracy of the description of services and charges billed rests with the provider rendering the service, regardless of who actually completes the bill form.
- (e) Providers are urged to bill on a monthly basis. Bills must be submitted within ninety days from the date of service to be considered for payment. If insurance or public agency collateral resources exist bills must be received within ninety days following payment or rejection by the resource. A copy of the payment or rejection must accompany the bill.
- (f) The following supporting documentation must be maintained and submitted when billing for services, as may be appropriate:
  - (i) Intake evaluation;
  - (ii) Progress reports;
  - (iii) Consultation reports;
  - (iv) Special or diagnostic study reports;
  - (v) Independent assessment or closing exam reports;
- (vi) For BR procedures see WAC 296-31-090 for requirements;
  - (vii) Claimant public or private insurance information.
- (g) The claim number must be placed in the upper right hand corner on each bill and on each page of reports and other correspondence.
- (h) Rebills. If a provider does not receive payment or notification from the department within ninety days, services

- may be rebilled. Rebills must be submitted for services denied if a claim is closed or rejected and subsequently reopened or allowed. Rebills should be identical to the original bill: Same charges, codes, and billing date. The statement "rebill" must appear on the bill.
- (i) Any inquiries regarding adjustment of charges must be submitted within ninety days from the date of payment to be considered.
- (j) Any denied charge may be protested in writing to the department or appealed to the board of industrial insurance appeals.
- (2) Allowance and payment for medication. The department will pay for medications or supplies dispensed for the treatment of conditions resulting from a crime victim injury and/or conditions which are retarding the recovery from the claimant's condition, for which the department has accepted temporary responsibility. Specific information governing allowance and payment for medication is contained in WAC 296-20-17001.
  - (3) Payment of out-of-state providers.
- (a) Providers of mental health services in the bordering states of Oregon and Idaho shall bill and be paid according to Washington state rules.
- (b) Providers of health services in other states and other countries shall be paid at rates which take into account:
- (i) Payment levels allowed under the state of Washington crime victims compensation program rules;
- (ii) Payment levels allowed under crime victims compensation or workers compensation programs in the state of the provider's place of business; and
- (iii) The usual, customary, and reasonable charges in the state and city of the provider's place of business.
- (c) In all cases these payment levels are the maximum allowed to providers of services to claimants. Should a provider's charge exceed the payment amount allowed under the state of Washington crime victim compensation program rules, the provider is prohibited from charging the claimant for the difference between the provider's charge and the allowable rate. Providers violating this provision are ineligible to treat claimants as provided by these mental health rules and are subject to other applicable penalties.
- (d) Only those diagnostic and treatment services authorized under the state of Washington mental health rules may be allowed by the department. As determined by the department, the scope of practice of providers in bordering states may be recognized for payment purposes, except that in all cases WAC 296-20-03002 (treatment not authorized) shall apply. Specifically, services permitted under crime victims compensation programs in the provider's place of business, but which are not allowed chapters 296-20, 296-30, and 296-31 WAC of the state of Washington, may not be reimbursed. When in doubt, the provider should verify coverage of a service with the department.
- (e) Out-of-state hospitals will be paid according to WAC 296-30-081.

# **NEW SECTION**

WAC 296-31-090 Mental health fees. (1) Rules and billing procedures are presented in detail in the previous sections, some commonalities are repeated here for the convenience of mental health providers referring to the

mental health fee section. Definitions and items unique to billing procedures and fees are also included.

Psychiatric care may be billed without time dimensions according to the procedure or service as are medical or surgical procedures. In billing psychotherapy procedures, time is only one aspect and may be expressed as is customary in the local area. For example, the usual appointment length of an individual psychotherapy procedure may be signified by the procedure code alone. The modifier '-52' may be used to signify a service that is reduced or less extensive than the usual procedure. The modifier '-22' may be used to indicate a more extensive service. For example procedure code 90801 may be billed with modifier '-22' if the evaluation and report writing take more than an hour to complete. Thus, psychotherapy procedures may be reported by the procedure code alone or by the procedure code with a modifier.

Facility charges are not payable when a provider elects to use hospital facilities or other outpatient facilities in lieu of maintaining a private practice office.

(2) Definitions.

BY REPORT - BR (by report) in the value column indicates that the value of this service is too unusual, variable or new to be assigned a unit value. The report shall provide an adequate definition or description of the services or procedures that explain why the services or procedures are too unusual, variable, or complex to be assigned a relative value unit, using any of the following as indicated:

- (a) Diagnosis ICD9 DSM III.
- (b) Whenever possible, list the nearest similar procedure by number according to this schedule.

The department may adjust BR procedures when such action is indicated.

MAXIMUM FEES - The maximum allowable fee for a procedure is determined by multiplying the unit value of a procedure by the appropriate conversion factor. No fee is payable by the department for missed appointments unless the appointment is for an examination arranged by the department. Claimants may be billed directly for missed or "no show" appointments.

MENTAL HEALTH MODIFIERS - Listed values for most procedures may be modified under certain circumstances. When applicable, the modifying circumstance should be identified by the addition of the appropriate "modifier code number" after the usual procedure number. The value should be listed as a single modified total for the procedure.

REPORT REQUIRED - The values for procedures for which a report is required include the report fee. DO NOT BILL SEPARATELY FOR THESE REPORTS.

UNUSUAL OR UNLISTED PROCEDURE - Value of unlisted services or procedures should be substantiated "by report" (BR). Refer to the definition of BY REPORT for reporting requirements.

(3) Determination of conversion factors. Conversion factors are the base fees for determining the maximum amount paid by the department for procedures with specified unit values. To determine the maximum amount paid, the unit value for a specific procedure is multiplied by the appropriate conversion factor or base fee. Advanced registered nurse practitioners are reimbursed at eighty percent of values listed for psychologists or psychiatrists.

(4) Mental health services. The following graduated listing of services is an attempt to reflect the relative values of the time and skills required at the various service levels. The listed values apply only when performed by mental health providers registered with and authorized by the department to provide services to claimants through this program.

Modifier

Unit Value

- -96 SPECIAL AGREEMENT WITH CRIME VICTIMS COMPENSATION PROGRAM: This modifier is to be used by providers who have a special agreement with the crime victims compensation program for certain designated procedures. Any request for special agreement should be directed to:

Crime Victims Compensation Program Special Claim Unit PO Box 44523 Olympia WA 98504-4523

THE VALUES FOR PROCEDURES FOR WHICH A REPORT IS REQUIRED INCLUDE THE REPORT FEE. DO NOT BILL SEPARATELY FOR THESE REPORTS.

The unit values in the following procedure codes are in two categories. Psychologist/psychiatrist unit values are in the left-hand column. Master level or equivalent unit values are in the right-hand column.

# WSR 92-19-144

# Washington State Register, Issue 92-19

		MD		GENERAL CLINICAL DIAGNOSTIC OR
		or		EVALUATIVE PROCEDURES
		Lic MSTR		
	•	PHD Level	90801	Mental health diagnostic
Procedure		Unit Unit		interview examination or
Code		Value Value		initial intake evaluation
	SPECIAL SERVICES			including history, mental
0000				status or disposition (may
90696	Preauthorized conference			include communication
	at the department's request			with family or other
	relative to an individual case. Requires prior			sources, ordering and
	approval. Each 15			medical interpretation of laboratory or other
	minutes.			diagnostic studies; in
		16.0 9.1		certain circumstances other
99058	Office services provided	10.0		informants will be seen in
JJ050	on an emergency basis.			lieu of the claimant).
	· · · · · · · · · · · · · · · · · · ·	BR BR		Report required.
90001	Completion of the			70.0 40.0
	application for benefits.		90825	Psychiatric evaluation of
		12.0 12.0		hospital records, other
	Fee for completion of the			psychiatric reports,
	application for benefits			psychometric and/or
	payable to mental health			projective tests and other
	providers only.			accumulated data for
99040	Completion of disability			diagnostic purposes
	card.			(without other informants
		2.0 2.0		or claimant interview).
99080	Ninety day progress		00001	30.0 N/A
	reports, written report is		90831	Telephone conference with
	required. Report must include current DSM-III-R			or about claimant for
	and/or ICD-9-CM			therapeutic or diagnostic
	diagnosis(es), their			purposes. Requires written justification, identification
	relationship (if any) to the			of parties involved, report
	conditions sustained as the			of conference, and
	result of the criminal act, a			department authorization
	summary of the progress			(excluding other reporting
	made toward therapy goals			required by.law,.i.e., child
	or issue resolutions			protective services).
	established in the initial			20.0 11.4
	evaluation, an estimate of		90835	Narcosynthesis for
	the duration and			psychiatric diagnostic and
	frequency.of further			therapeutic purposes,.e.g.,
	sessions, and an updated			sodium amobarbital
	prognosis for recovery.	25.0 25.0		(Amytal) interview.
00005	Complete of	35.0 35.0		50.0 N/A
90097	Completion of a reopening			magan va copyra
	application. Diagnostic			TESTING CODES
	studies associated with the		WAAFA	Character of the test
	reopening examination will be allowed in addition to		W0050	• • • • • • • • • • • • • • • • • • • •
	this fee.			i.e., MMPI, CPI; list test conducted. Report(s) is
		. 12.0 12.0		required.
				roquirou.

		35.0			70.0	40.0
W0051	Neuropsychological		SV841	Family members of		
	evaluation (the complete			homicide victims		
	battery only): Cognitive			individual psychotherapy		
	evaluation, including			with continuing diagnostic		
	intelligence, verbal			evaluation, and drug		
	comprehension, verbal			management when		
	reasoning, memory and			indicated, including		
	learning, visual/spatial			psychoanalysis, insight		
				orientated, behavior	•	
	abilities, and auditory,					
	tactile and visual			modifying or supportive		
	perception tests.			psychotherapy. Requires		
	Emotional and social			prior authorization and		
	assessments including			report; up to 15 minutes.		
	medication history, with				17.5	10.0
	positive or negative history		SV843	approximately 16 to 30		
	of drug use, (including			minutes		
	alcohol) that might impair				35.0	20.0
	cognitive functioning.		SV844	approximately 31 to 60		
	Report and prior			minutes		
	authorization required.				70.0	40.0
		N/A	90846	Family psychotherapy		
W0052	Testing other than	•		(without the claimant) per		
110032	structured personality test			family member. Requires		
	or complete			prior authorization beyond		
	neuropsychological			twelve sessions		
	evaluation, list test(s)			twelve sessions	50.0	28.5
				(Maximum fee allowable	50.0	20.5
	conducted. Report(s)			(Maximum fee allowable		
	required.	nn.		per session not to exceed 2		
	BR	BR	00045	service units.)		
			90847	Family psychotherapy		
	THERAPEUTIC PROCEDURES			(including the claimant)		
				per family member.		
90841	Individual psychotherapy			Requires prior		
	with continuing diagnostic			authorization beyond		
	evaluation including			twelve sessions.		
	psychoanalysis, insight				50.0	28.5
	orientated, behavior			(Maximum total value per		
	modifying or supportive			session not to exceed 2		
	psychotherapy; up to 15			service units.)		
	minutes.		90849	Multiple - Family group		
		10.0		psychotherapy (more than		
90843	approximately 16 to 30			one family). Requires		
20013	minutes			prior authorization beyond		
	35.0	20.0		twelve sessions. Flat rate.		
90844	approximately 31 to 60	20.0			50.0	28.5
90044	=_=		90850	Inpatient care including	50.0	20.5
	minutes		70030			
				psychotherapy and		
				supervision of milieu team		
				(e.g., occupational therapy,		
				psychiatric nursing, etc.) or		
				conference with family; 60		
				minutes, with report.		
					70.0	N/A
			90851	30 minutes, with report		
					35.0	N/A
			90852	15 minutes, with report		

90853	Group psychotherapy	N/A	BR BR SPECIAL PROGRAM
	(other than a multiple-family group) per claimant	28.5	Nonroutine services requiring prior agreement with the department. Approved special programs require prior authorization for each case.
90862	Pharmacologic management, including prescription, use, and review of medication with no more than minimal psychotherapy.	N/A	O285M CHILD/ ADOLESCENT DAY TREATMENT - Approved program intended to provide a range and mix of planned and structured services for seriously mentally ill
90870	Electroconvulsive therapy (includes necessary monitoring); single seizure, requires prior		persons under the age of 18BR BR HOSPITAL CARE
90871	authorization	N/A	Hospital care by the attending physician may be initial or subsequent in nature (see 90200-90280) and requires authorization. Should hospital care be elective or nonemergent preauthorization for admission is required. Should hospital care be emergent authorization for continued
	OTHER THERAPY	N/A	stay is required by the end of the following working day.
90880	Hypnotherapy, requires prior authorization.		HOSPITAL VISITS  New or Established Patients
90882	Environmental intervention for management purposes on a claimant's behalf. Requires authorization and report.	20.0	90200 Initial hospital care, BRIEF or LIMITED history and physical examination, including initiation of diagnostic and treatment
90887	Interpretation or explanation of results of	17.1	program, preparation of hospital records. (Routine visit.)
•	mental health assessments and procedures, or other accumulated data to family or other responsible persons or advising them how to assist the claimant (excluding other reporting required by law i.e., child protective services).		90215  Initial hospital care, INTERMEDIATE history and physical examination, including initiation of diagnostic and treatment program and preparation of hospital records. (Serious or complicated case.)
90899	Unlisted services or procedures. Report required which describes and fully documents services rendered.	17.1	50.0 N/A

90220	Initial hospital care, COMPREHENSIVE history and physical examination, including initiation of diagnostic and treatment program and preparation of hospital records. (A complex case requiring an unusual amount of time, skill, or judgment and evaluation of the claimant as a whole accompanied by a detailed report in addition to the application for benefits.)	N/A	is considered he mental health prequested by the in the evaluation Consultation feet provider. Case to office is not consultant there the claimant, a consultant will Three levels of extensive, and consultation may include as information with	attending mental health properties are not payable to the attending mental health properties are not payable to the attending mental health properties are not payable to the attending mental health properties are not payable to the attending mental to be a consultate upon assumes the CONTIN my subsequent service(s) red no longer be considered from the consultation are recognic complex consultations. In for mental health evaluations are the attending provider and	es renders or ADV ovider, or ADV ovider, or aimant's ending (t within the cion. WING Corendered a consuited: Lion of a cond exchant other info	ed by a A/ICE is agency illness. reating) he same hen the ARE of by the ltation. imited, elaimant ange of ormants
90240	BRIEF examination, evaluation, and/or treatment, same illness. (Follow-up hospital care.)		report. These limited to initial mental health tre	or family members, and p consultation services (906) or follow-up evaluation and eatment. For treatment, see The consultant is responsible	600-906 d do not 90200 et	44) are involve seq. or
90250	LIMITED examination, evaluation, and/or treatment. Report required. (Routine follow- up hospital care.)	N/A	a copy of his/he A REFERR the total or specanother. This i initial visit and t	r report, with his/her bill, to AL is considered here to be cific care of a patient from s not a CONSULTATION. the subsequent services for reopriate headings in other properties.	the depare the transone provinger Values eferrals at	artment.  Inster of vider to for the re listed
90260	INTERMEDIATE examination, evaluation, and/or treatment. Report required. (Serious or	N/A	schedule.	do not necessarily includ	-	
	complicated case.)	NT/A	Deconduce		<b>T</b> T	T T-:4
90270	EXTENDED	N/A	Procedure Code		Unit Value	Unit Value
	reevaluation, requiring an unusual amount of time, skill, or judgment, but not necessitating a complete examination or reevaluation of the claimant as a whole accompanied by a report.	N/A	90600	Limited Consultation - A limited consultation is conducted without the claimant present. Service is limited to the examination or evaluation of a single therapeutic issue. This procedure includes a review of	·	
90280	COMPREHENSIVE examination, evaluation, or treatment. Report required	N/A		records and/or consultation with the treating therapist for the purpose of evaluating current documented progress and		
90292	Hospital discharge day management accompanied by a report.			treatment and recommending further treatment. Report		
	30.0	N/A		required.	. 30.0	30.0

90610

Extensive Consultation -An extensive consultation is conducted with or without the claimant present. Service includes examination or evaluation of multiple therapeutic issues. This procedure includes a review of records and consultation with the treating therapist for the purpose of evaluating current documented progress and treatment and recommending further treatment. Report required.

50.0 50.0

90630

. . . . . . . . . . . . . . . . . . . 50.0 Complex Consultation - A complex consultation is an uncommonly performed service with the claimant present. Service includes examination or evaluation of multiple therapeutic issues. This procedure includes a review of records and the examination of the claimant for the purpose of evaluating current progress and treatment and recommending future treatment. It may additionally include consultation with the treating therapist. A complex consultation may only be performed by a psychiatrist or psychologist. Report required.

..... 120.0 N/A

# FOLLOW-UP CONSULTATION

90644

Complex. Report required. ..... 30.0

30.0 30.0

# **NEW SECTION**

WAC 296-31-100 Severability. If any provision of these rules, or their application to any person or circumstance is held invalid, the remainder of the rules, or the application of the provision to other persons or circumstances is not affected.

# WSR 92-19-145 PROPOSED RULES DEPARTMENT OF LABOR AND INDUSTRIES

[Filed September 23, 1992, 11:51 a.m.]

Original Notice.

Title of Rule: WAC 296-30-081 Acceptance of rules and fees.

Purpose: To reduce payments for medical and mental health services by 15 percent.

Statutory Authority for Adoption: RCW 43.22.050. Statute Being Implemented: Chapter 7.68 RCW.

Summary: The amendment reduces payments for medical and mental health services by 15 percent.

Reasons Supporting Proposal: The amendment meets an immediate need to stretch dollars in a way that will have the least adverse effect on crime victims.

Name of Agency Personnel Responsible for Drafting, Implementation and Enforcement: Rich Ervin, 7273 Linderson Way S.W., Tumwater, (206) 956-5340.

Name of Proponent: Department of Labor and Industries, governmental.

Rule is not necessitated by federal law, federal or state court decision.

Explanation of Rule, its Purpose, and Anticipated Effects: To stretch dollars, the amendment reduces payments to medical and mental health service providers by 15 percent. The reduction is accomplished by lowering by 15 percent the conversion factors that are applied to existing unit values to obtain dollar amounts of payments. For a very small number of providers whose clientele include a significant portion of crime victims, the revenue loss will be substantive. However, the overall effect of the amendment should be minimal resulting in no loss of service availability to victims.

Proposal Changes the Following Existing Rules: WAC 296-30-081 is amended to provide the above changes.

RCW 19.85.030(2) requires that a small business impact statement be filed only if the rule amendment affects 20 percent of all industries or 10 percent of any one industry. This amendment has neither of those effects. The department reviewed data on medical and mental health providers servicing crime victims and has determined that less than 10% of the providers in any of the applicable SIC codes are impacted by the rules.

Hearing Location: Department of Social and Health Services, Office Building 2, Olympia, Washington, on October 28, 1992, at 9:00 a.m.

Submit Written Comments to: Crime Victims Section, P.O. Box 44520, Olympia, WA 98504-4520, by October 28, 1992

Date of Intended Adoption: November 13, 1992.

September 23, 1992 Dorette M. Markham for Joseph A. Dear Director <u>AMENDATORY SECTION</u> (Amending WSR 92-16-033, filed 7/20/92 [7/30/92])

wac 296-30-081 Acceptance of rules and fees for medical and mental health services. Providing medical or counseling services to an injured crime victim whose claim for crime victims compensation benefits has been accepted by the department constitutes acceptance of the department's medical aid rules and compliance with its rules and fees. Maximum allowable fees shall be those contained in WAC 296-21-010 through 296-23A-425, ((and in)) WAC 296-30-080 and in WAC 296-31-090 through 296-31-095, less any available benefits of public or private collateral resources, except ((that the)) as follows:

(1) The percentage of allowed charges authorized by WAC 296-23A-105: Payment for hospital inpatient and outpatient services, WAC 296-23A-155: New hospitals, WAC 296-23A-160(3): Excluded and included services, and WAC 296-23A-165: Out-of-state hospitals shall be equal to the percentage of allowed charges established by the department of social and health services under Title 74 RCW and WAC 388-87-070(6): Payment Hospital inpatient services.

- (2) The conversion factors established by WAC 296-115 are modified to the following:
  - (a) Radiology (codes 70000 through 79999) \$5.29.
- (b) Pathology and laboratory (codes 80000 though 89999) \$.50.
- (c) Physical therapy (codes beginning with 9) \$1.15.
  The conversion factors established by WAC 296-20-135
  are modified to the following:
- (a) Medicine, mental health services, chiropractic, physical therapy, drugless therapeutics and nurse practitioner \$1.15.
  - (b) Anesthesia \$17.12.
  - (c) Radiology \$5.29.
  - (d) Pathology \$.50.
  - (e) Surgery \$60.54
- (f) Independent medical examinations and independent mental health assessments (procedure codes Z0001 through Z0045) \$1.35.

An injured victim shall not be billed for his or her accepted injury. The department shall be billed only after available benefits of public or private insurance have been determined.

If the service provider has billed the injured victim and is later notified that the department has accepted the victim's claim, the provider shall refund to the injured victim any amounts paid that are in excess of the amounts that the victim is entitled to from public or private insurers, and bill the department for services rendered at fee schedule rates if such rates are in excess of public or private insurance entitlements.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

Reviser's note: RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

# WSR 92-19-146 PROPOSED RULES DEPARTMENT OF LABOR AND INDUSTRIES

[Order 92-20-Filed September 23, 1992, 11:52 a.m.]

Original Notice.

Title of Rule: Chapter 296-62 WAC, General occupational health standards.

Purpose: Federal-initiated proposed amendments to WAC 296-62-07721, relating to asbestos, are made to be "atleast-as-effective-as" the federal final rule published in Federal Register Volume 57, Number 110, dated June 8, 1992, and Volume 57, Number 126 dated June 30, 1992. The federal rule was amended to revise the term "asbestos, tremolite, anthophyllite and actinolite" to read "asbestos."

Statutory Authority for Adoption: Chapter 49.17 RCW. Statute Being Implemented: RCW 49.17.040, [49.17].050, and [49.17].060.

Summary: See Purpose above.

Reasons Supporting Proposal: To provide a safe and healthful workplace for all Washington employees.

Name of Agency Personnel Responsible for Drafting: R. V. Wax, 7273 Linderson Way, Tumwater, (206) 956-5526; Implementation and Enforcement: J. N. Kirchoff, 7273 Linderson Way, Tumwater, (206) 956-5495.

Name of Proponent: Department of Labor and Industries, governmental.

Rule is necessary because of federal law, Federal Registers Volume 57, Number 110, dated June 8, 1992, and Number 126, dated June 30, 1992.

Explanation of Rule, its Purpose, and Anticipated Effects: See Purpose above.

Proposal Changes the Following Existing Rules: See Purpose above.

No small business economic impact statement is required for this proposal by chapter 19.85 RCW.

Proposed federal-initiated amendments to WAC 296-62-07721 are to make the state standard "at-least-as-effective-as" the federal final rule published in Federal Register Volume 57, Number 110, dated June 8, 1992, and Volume 57, Number 126, dated June 30, 1992. There is no economic impact on small business as a result of this change. This amendment is proposed solely to conform or comply with federal laws and regulations.

Hearing Location: 7273 Linderson Way, 1st Floor, Auditorium, Tumwater, WA, on November 2, 1992, at 9:30 a m

Submit Written Comments to: J. N. Kirchoff, Assistant Director, P.O. Box 44620, Olympia, WA 98504, by November 9, 1992, 5:00 p.m.

Date of Intended Adoption: December 2, 1992.

September 23, 1992 Dorette M. Markham Deputy Director <u>AMENDATORY SECTION</u> (Amending Order 90-18, filed 1/10/91, effective 2/12/91)

WAC 296-62-07721 Communication of hazards to employees. (1) Upon written or oral request, a copy of the written report required in WAC 296-62-07707 and 296-65-020 shall be given to the collective bargaining representatives or employee representatives of any employee who may be exposed to any asbestos or asbestos-containing material. A copy of the written report shall be posted conspicuously at the location where employees report to work.

- (2) Warning signs.
- (a) Warning signs shall be provided and displayed at each regulated area. In addition, warning signs shall be posted at all approaches to regulated areas so that an employee may read the signs and take necessary protective steps before entering the area.
- (b) The warning signs required by (a) of this subsection shall bear the following information:

# DANGER

ASBESTOS

CANCER AND LUNG DISEASE HAZARD
AUTHORIZED PERSONNEL ONLY
RESPIRATORS AND PROTECTIVE CLOTHING ARE REQUIRED
IN THIS AREA

- (c) The employer shall ensure that employees working in and contiguous to regulated areas comprehend the warning signs required to be posted by paragraph (2)(a) of this section. Means to ensure employee comprehension may include the use of foreign languages, pictographs, and graphics.
  - (3) Warning labels.
- (a) Warning labels shall be affixed to all products containing asbestos including raw materials, mixtures, scrap, waste, debris, and other products containing asbestos fibers, and to their containers including waste containers. Where feasible, installed asbestos products shall contain a visible label.
- (b) Labels shall be printed in large, bold letters on a contrasting background.
- (c) The labels shall comply with the requirements of WAC 296-62-05411, and shall include the following information:

# DANGER CONTAINS ASBESTOS FIBERS AVOID CREATING DUST CANCER AND LUNG DISEASE HAZARD

AVOID BREATHING AIRBORNE ASBESTOS FIBERS

- (((d) Where minerals to be labeled are only tremolite, anthophyllite, or actinolite, the employer may replace the term "asbestos" with the appropriate mineral name.))
- (4) Material safety data sheets. Employers who are manufacturers or importers of asbestos, or asbestos products shall comply with the requirements regarding development of material safety data sheets as specified in WAC 296-62-05413, except as provided by subsection (5) of this section.
- (5) The provisions for labels required by subsection (3) of this section or for material safety data sheets required by subsection (4) of this section do not apply where:

- (a) Asbestos fibers have been modified by a bonding agent, coating, binder, or other material, provided that the manufacturer can demonstrate that during any reasonably foreseeable use, handling, storage, disposal, processing, or transportation, no airborne concentrations of fibers of asbestos in excess of the action level and/or excursion limit will be released; or
- (b) Asbestos is present in a product in concentrations less than 0.1 percent by weight.
  - (6) Employee information and training.
- (a) The employer shall institute a training program for all employees who are exposed to airborne concentrations of asbestos at or above the action level and/or excursion limit and ensure their participation in the program.
- (b) Training shall be provided prior to or at the time of initial assignment, unless the employee has received equivalent training within the previous twelve months, and at least annually thereafter.
- (c) The training program shall be conducted in a manner which the employee is able to understand. The employer shall ensure that each employee is informed of the following:
  - (i) The health effects associated with asbestos;
- (ii) The relationship between smoking and exposure to asbestos in producing lung cancer;
- (iii) Methods of recognizing asbestos and the quantity, location, manner of use, release, and storage of asbestos and the specific nature of operations which could result in exposure to asbestos;
- (iv) The engineering controls and work practices associated with the employee's job assignment;
- (v) The specific procedures implemented to protect employees from exposure to asbestos such as appropriate work practices, housekeeping procedures, hygiene facilities, decontamination procedures, emergency and clean-up procedures, personal protective equipment to be used, and waste disposal procedures, and any necessary instructions in the use of these controls and procedures;
- (vi) The purpose, proper use, and limitations of respirators and protective clothing;
- (vii) The purpose and a description of the medical surveillance program required by WAC 296-62-07725;
  - (viii) The content of this standard, including appendices;
- (ix) The names, addresses, and phone numbers of public health organizations which provide information, materials, and/or conduct programs concerning smoking cessation. The employer may distribute the list of such organizations contained in Appendix I, to comply with this requirement; and
- (x) The requirements for posting signs and affixing labels and the meaning of the required legends for such signs and labels.
  - (d) Access to information and training materials.
- (i) The employer shall make a copy of this standard and its appendices readily available without cost to all affected employees.
- (ii) The employer shall provide, upon request, all materials relating to the employee information and training program to the director.
- (iii) The employer shall inform all employees concerning the availability of self-help smoking cessation program material. Upon employee request, the employer shall distribute such material, consisting of NIH Publication No.

89-1647, or equivalent self-help material, which is approved or published by a public health organization listed in Appendix I.

- (7) Certification.
- (a) All individuals working or supervising asbestos projects, as defined in WAC 296-65-003(4) shall be certified as required by WAC 296-65-010, 296-65-012, and 296-65-030.
- (b) In cases excepted under WAC 296-65-030 (2) and (3), all employees shall be trained according to subsection (6) of this section, regardless of their exposure levels.

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## WSR 92-19-001 PERMANENT RULES WILDLIFE COMMISSION

[Order 566-Filed September 2, 1992, 4:48 p.m.]

Date of Adoption: August 15, 1992.

Purpose: To make permanent changes to the 1992 winter steelhead fishing regulations on the Cowlitz River to provide additional recreational opportunity.

Citation of Existing Rules Affected by this Order: Amending [new section] WAC 232-28-61910.

Statutory Authority for Adoption: RCW 77.12.040.

Pursuant to notice filed as WSR 92-14-100 on June 30, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 1, 1992

Curt Smitch

Director

for Dean A. Lydig

Chair

#### **NEW SECTION**

WAC 232-28-61910 1992-94 Washington game fish seasons and catch limits—Winter steelhead regulations - Cowlitz River. Notwithstanding the provisions of WAC 232-28-619, the following game fish regulations apply to the Cowlitz River.

COWLITZ RIVER, from mouth to Mayfield Dam: Year around season. TROUT - catch limit - 8, min. lgth. 12", no more than 2 over 20". WILD CUTTHROAT RELEASE. From Nov. 1 - Nov. 30, legal to possess steelhead with an adipose fin. Lawful to fish up to 400' or the posted deadline at the barrier dam. From Mill Ck. to the barrier dam, it is unlawful to (1) fish from any floating device; (2) fish during NIGHT CLOSURE Apr. 1 - Sep. 30, and (3) fish with non-buoyant artificial lures having more than one single-pointed hook.

From Mayfield Dam to mouth of the Muddy Fork: Year around season.

## WSR 92-19-002 PERMANENT RULES WILDLIFE COMMISSION

[Order 567—Filed September 2, 1992, 4:49 p.m.]

Date of Adoption: August 15, 1992.

Purpose: To provide additional protective regulations to include wild steelhead release for winter steelhead also.

Citation of Existing Rules Affected by this Order: Amending [new section] WAC 232-28-61911.

Statutory Authority for Adoption: RCW 77.12.040. Pursuant to notice filed as WSR 92-14-101 on June 30, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 1, 1992

Curt Smitch

Director

for Dean A. Lydig

Chair

#### **NEW SECTION**

WAC 232-28-61911 1992-94 Washington game fish seasons and catch limits — Winter steelhead regulations - Big White Salmon River. Notwithstanding the provisions of WAC 232-28-619, the following game fish regulations apply to the Big White Salmon River.

BIG WHITE SALMON RIVER, from mouth to within 400' of Northwestern Dam: Year around season. TROUT - catch limit - 2, min. lgth. 14". WILD STEELHEAD RELEASE.

From gas pipeline crossing above Northwestern Lake to Gilmer Creek: TROUT - catch limit - 2, min. lgth. 12". BAIT PROHIBITED.

## WSR 92-19-003 PERMANENT RULES WILDLIFE COMMISSION

[Order 568—Filed September 2, 1992, 4:51 p.m.]

Date of Adoption: August 15, 1992.

Purpose: To close the fishing season on Quincy and Burke lakes which are subject to rehabilitation during October 1992.

Citation of Existing Rules Affected by this Order: Amending [new section] WAC 232-28-61913.

Statutory Authority for Adoption: RCW 77.12.040.

Pursuant to notice filed as WSR 92-14-102 on June 30, 1992.

Changes Other than Editing from Proposed to Adopted Version: The adopted version of WAC 232-28-61913 differs from the proposed version filed with the code reviser by correction of the 1992 season to read March 1, 1992 - July 31, 1992. The original filing contained an incorrect date.

Effective Date of Rule: Thirty-one days after filing.

September 1, 1992
Curt Smitch
Director
for Dean A. Lydig
Chair

#### **NEW SECTION**

WAC 232-28-61913 1992-94 Washington game fish seasons and catch limits — Burke and Quincy lakes. Notwithstanding the provisions of WAC 232-28-619, the game fish seasons for the above-mentioned waters are as follows:

March 1, 1992 - July 31, 1992 March 1, 1993 - February 28, 1994 CLOSED WA-TERS

# WSR 92-19-004 PERMANENT RULES DEPARTMENT OF REVENUE

[Filed September 3, 1992, 11:08 a.m.]

Date of Adoption: September 3, 1992.

Purpose: To implement chapter 275, Laws of 1991, which expands the definition of "employee" under RCW 82.04.360 to include full-time life insurance agents; and to delete the provisions of the existing rule concerning the taxability of commissions earned on insurance policies covering public bodies.

Citation of Existing Rules Affected by this Order: Amending WAC 458-20-164.

Statutory Authority for Adoption: RCW 82.32.300. Pursuant to notice filed as WSR 92-15-147A on July 22, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 1, 1992

Russell W. Brubaker

Legislation and Policy Manager

<u>AMENDATORY SECTION</u> (Amending Order ET 83-6, filed 8/23/83)

WAC 458-20-164 Insurance agents, brokers and solicitors. (1) Introduction. This section explains the taxability of amounts received by insurance agents, brokers, or solicitors.

- (2) **Definition.** The words "agent," "broker," and "solicitor((,))" ((as used herein)) mean ((respectively,)) a person licensed as such under the provisions of chapter 48.17 RCW.
- (3) Business and occupation tax. Every person ((acting in the capacity of)) engaging in business as an insurance agent, broker, or solicitor ((is presumed to be engaging in business and)) is taxable under the insurance agents and brokers classification upon the gross income of the business ((unless such person is a bona fide employee. The burden is upon such person to establish the fact of his status as an employee. (See WAC 458-20-105 Employees.) Gross income of the business is determined by the amount of gross commissions received or retained, not by the gross premiums paid by the insured.

The term "gross income of the business" includes gross income from commissions, fees or other emoluments however designated which the agent, broker, or solicitor receives or becomes entitled to receive but does not include amounts held in trust for the insurer or the client. (See also WAC 458 20 111 Advances and reimbursements.)

No deduction is allowed for commissions, fees, or salaries paid to other agents, brokers, or solicitors nor for other expenses of doing business)).

- (a) The gross income of the business is determined by the amount of gross commissions received, not by the gross premiums paid by the insured. The term "gross income of the business" includes gross receipts from commissions, fees or other amounts which the agent, broker, or solicitor receives or becomes entitled to receive. The gross income of the business does not include amounts held in trust for the insurer or the client. (See also WAC 458-20-111, Advances and reimbursements.)
- (b) No deduction is allowed for commissions, fees, or salaries paid to other agents, brokers, or solicitors nor for other expenses of doing business.
- (c) Every person acting in the capacity of agent, broker, or solicitor is presumed to be engaging in business and subject to the business and occupation tax unless such person

- can demonstrate he or she is a bona fide employee. The burden is upon such person to establish the fact of his or her status as an employee. (See WAC 458-20-105, Employees.)
- (4) Full-time life insurance salespersons. After June 30, 1991, persons who sell life insurance on a full-time basis, as provided in section 3121 (d)(3)(B) of the Internal Revenue Code (statutory employee), will be considered employees. Such persons will not be subject to the business and occupation tax on amounts received in their capacity as statutory employees.
- (a) For purposes of this subsection (4), a full-time life insurance salesperson is an individual who meets all of the following criteria:
- (i) The person's principal business activity is devoted to the solicitation of life insurance or annuity contracts, or both, primarily for one insurance company;
- (ii) The contract between the individual and the primary life insurance company contemplates that substantially all of such services are to be performed personally by such individual;
- (iii) The individual does not have a substantial investment in facilities used in connection with the sale of life insurance or annuity contracts (other than in facilities for transportation); and
- (iv) The sale of life insurance by such individual occurs in the course of a continuing relationship with the primary life insurance company.
- (b) A person's principal business activity is the activity from which he or she generally receives the greatest remuneration. All business activities, including acting as an employee, will be considered in determining a person's principal business activity.
- (c) The facilities referred to in (a)(ii) of this subsection include such things as office space, office equipment, and secretarial services. The term facilities does not include such tools, instruments, or clothing as are commonly furnished by employees. An investment is substantial if a deduction for the item is taken in calculating the person's federal income tax liability.
- (d) Failure to satisfy any one of the criteria listed in (a) of this subsection will disqualify a person from treatment as an employee under this subsection.
- (e) A person will be considered an employee under this subsection (4) only as to amounts received as compensation for the sale of life insurance or annuity contracts, or both, from one life insurance company, regardless of whether the person sells life insurance on behalf of other companies.
- (f) A person will be presumed to be a full-time life insurance salesperson within the meaning of section 3121 (d)(3)(B) of the Internal Revenue Code if they receive a Form W-2 (federal income tax wage and tax statement) indicating that they are a statutory employee. A person receiving a W-2 as a statutory employee will be presumed to be an employee under this subsection only as to amounts reported on the W-2 as compensation for the sale of life insurance.
- (g) A person who does not receive a properly marked W-2 has the burden of establishing that they are a full-time life insurance salesperson as provided in (a) of this subsection.

(h) Examples.

(i) A person sells life insurance on a full-time basis on behalf of one company. The company issues a Form W-2 which indicates that the person is a statutory employee. Under these circumstances, the person will be presumed an employee as to amounts reported on the Form W-2 as compensation for the sale of life insurance and will not be taxable under the business and occupation tax on such amounts.

(ii) A person sells insurance on behalf of several insurance companies two of which are life insurance companies and the others are casualty insurance companies. The person sells both life insurance and casualty insurance. One of the life insurance companies issues a Form W-2 indicating that the person is a statutory employee. The person will be presumed an employee as to amounts reported on the Form W-2 as compensation for the sale of life insurance and will not be taxable under the business and occupation tax on such amounts.

(iii) A person sells life insurance on behalf of several life insurance companies and does not engage in any other business activity. Most of the policies sold by the person are written with one company. The person does not receive a Form W-2 from any of the companies for which life insurance is sold. The person's sales activities are conducted from an office which he or she leases. The office lease payments are deducted by the salesperson in computing his or her federal income tax liability. In addition, the salesperson has an employee whose salary is also deducted for federal income tax purposes. Because the person does not receive a Form W-2, he or she will not be presumed to be an employee. Instead, the person has the burden of proving the existence of each of the criteria listed in subsection (4)(a) of this section. In this example, the salesperson will not be considered an employee under this subsection (4) of this section because they have a substantial investment in facilities. ((Where an insurance association, licensed as a broker, agent or solicitor negotiates with a public body for the placement of its insurance coverage and arranges for the servicing of such insurance through a broker, agent or solicitor and there is an agreement between the association and-the broker, agent-or-solicitor and-the prospective insured that the commission on the policy premium will be shared, the entity receiving the commission need only include in gross income its share of the commission. It need not include in gross-income the portion of the commission earned by the other broker, agent and/or solicitor nor need the other broker, agent and/or solicitor include in gross income the portion retained by the entity which first-receives payment. (For tax liability of insurance adjusters, see WAC 458 20 212.)))

- (5) Special classification for certain managing general agents. Under RCW 82.04.280(5) persons representing and performing services for fire or casualty insurance companies as independent resident managing general agents are subject to tax at the prevailing rate upon the gross income of the business.
- (a) In view of the small number of persons falling in this special category, no separate classification line on the combined excise tax return((s-(Form 2406))) has been provided for reporting this income; it should be shown on line 1 of the combined excise tax return with the explanatory

note: "Income for insurance managing general agent taxable under RCW 82.04.280(5)."

- (b) Any person claiming to fall within this tax classification must demonstrate:
- (((1))) (i) That he is licensed as a resident general agent by the insurance commissioner; and
- (((2))) (ii) That he performs the following independent manager functions:
- (((a))) (A) Pays all sales and/or production expense; including salaries of special field representatives, underwriters, and inspectors as well as all office expenses of rent, supplies, secretarial help, etc.
- $((\frac{(b)}{b}))$  (B) Bills all premiums for the company so represented.
- $((\underbrace{(e)}))$  (C) Directly contracts for or hires all selling agents.
- (((d))) (D) Exercises final responsibility with respect to selecting risks and underwriting matters.
  - (((e))) (E) Makes all arrangements for reinsurance.
- (((f))) (F) Handles all claims adjustments directly with the insured (by his own staff or through hiring an independent adjuster).
- (c) Persons wishing to claim qualification for this special insurance agent classification should request application forms from the department of revenue ((to make application therefor.

Revised December 12, 1968)).

## WSR 92-19-011 PERMANENT RULES PUBLIC DISCLOSURE COMMISSION

[Filed September 3, 1992, 2:12 p.m.]

Date of Adoption: August 25, 1992.

Purpose: Adopts form for reporting items donated and sold at auctions. Instructions on back of form were in error.

Citation of Existing Rules Affected by this Order: Amending WAC 390-16-032.

Statutory Authority for Adoption: RCW 42.17.370. Pursuant to notice filed as WSR 92-15-116 on July 21, 1992.

Effective Date of Rule: Thirty-one days after filing.

August 28, 1992

Graham E. Johnson

Executive Director

AMENDATORY SECTION (Amending WSR 89-20-068, filed 10/4/89)

WAC 390-16-032 Forms—Auction report. The official form for reporting items donated and sold at auctions, as required by RCW 42.17.090 (1)(b), is designated "Attachment Au", revised ((1/90)) 8/92. This attachment shall accompany each C-3 which reports the receipt of funds from an auction. Copies of this form are available at the Commission Office, Room 403, Evergreen Plaza Building, Olympia, Washington, 98504.

[3] Permanent

e the form as an attachment to C	N REPORT 3 to report items donated and a ree for an example of a report.	sold at auctions.	TTACHMENT O C3	Au	
late or committee name		<b></b>		Date auction w	as held
inplion	e and address	Fair market value	Sale price	Amount over fair market value	Total given this person during camps
Contributor					
Buyer	••••			}	
Contributor					
Buyer					
Contributor					
Buyer					
Contributor					
Buyer					
Contributor					
Buyer					
Contributor					
Buyer					
Contributor					1.0.
Buyer					
	Cash receipts, this page (Total, sale price column)		•		1
	Total from attached pages		·		
	Total cash receipts (Put this amount in part 1d of C3 rep	ort)>	•		

#### Instructions

Use this form as an attachment to your C3 (Cash Receipts and Bank Deposits).

Item No. description: As each item to be auctioned is received, assign it a number and a brief description.

Contributor: The person or organization which donates an article to be auctioned. If your committee purchases items for auction, state "purchased by committee" under contributor's name.

Buyer: The person who buys the item being auctioned.

Fair market value: The retail value of the article. If the retail value cannot be estimated or found, state "unknown."

Sale price: The amount the buyer paid for the item.

Amount over fair market value: The amount the sale price exceeds fair market value. If sale price is less than fair market value, leave blank.

Total given by this person during campaign:

Contributor—Fair market value of the item plus all previous contributions made to the candidate or committee.

Buyer—Amount over fair market value plus all previous contributions made to candidate or committee.

Cash payments: A payment of more than \$50.00 may not be accepted unless a receipt, signed by the buyer and the candidate, treasurer or deputy treasurer is prepared and made part of the committee's financial records.

#### **AUCTION REPORT**

Use this form as an attachment to C3 to report kems donated and sold at auctions.

Candidate or committee name  JONES FOR SHERIFF COMMITTEE				Date auction w	ras held	
				9	9/14/XX	
Item No. description		Name and address	Fair market value	Sale price	Amount over fair market value	Total given by this person during campaign
NO. 1 USE	Contributor	JOHN DOE 200 "A" STREET, SEATTLE 98101	\$100			\$100
BEACH CABIN	Buyer	MARY SMITH 400 "B" STREET, TACOMA 98402		\$125	\$25	\$25
NO. 2	Contributor	SAM BROWN 123 MILITARY ROAD, ANYTOWN 99101	\$80			\$80
DINNER FOR 4	Buyer	TOM MIX RT. 2, BOX 1, SADDLE MT. 98900		\$60	\	
NO. 3	Contributor	CAPT. MOBY DICK 401 WATERFRONT, POULSBO 98701	\$75			\$75
BOAT CRUISE	Buyer	MERRI RYDER 204 E. LAND, MYBURG 99100		\$90	\$\\5	\$15
	Contributor					
	Buyer					
		Cash receipts, this page (Total, sale price column)		\$275.00		
		Total from attached pages		0		
		Total cash receipts (Put this amount in part 1d of C3 report)		\$275.00		

PDC C3Au (1/90) -1319-

#### **AUCTION REPORT**

ATTACHMENT TO C3

Use this form as an attachment to C3 to report items donated and sold at auctions.

Please see the reverse for an example of a report.

Item No. escription	Nan	ne and address		Fair market value	Sale price	Amount over fair market value	Total given by this person during campaign
	Contributor		····	,			
	Buyer						
	Contributor						
	Buyer						
	Contributor						
	Buyer						
	Contributor						
	Buyer	· · · · · · · · · · · · · · · · · · ·					
· · · · · · · · · · · · · · · · · · ·	Contributor	1 Harrison				n	
	Buyer						
	Contributor						
	Buyer						
	Contributor						
	Buyer						
	1	Cash receipts, this (Total, sale price colu	mn)	· ->			
		Total from attache Total cash receipt (Put this amount in pa		— <del>&gt;</del>			

Permanent [6]

#### Instructions

Use this form as an attachment to your C3 (Cash Receipts and Bank Deposits).

Item No. description: As each item to be auctioned is received, assign it a number and a brief description.

Contributor: The person or organization which donates an article to be auctioned. If your committee purchases items for auction, state "purchased by committee" under contributor's name.

Buyer: The person who buys the item being auctioned.

Fair market value: The retail value of the article. If the retail value cannot be estimated or found, state "unknown."

Sale price: The amount the buyer paid for the item.

Amount over fair market value: The amount the sale price exceeds fair market value. If sale price is less than fair market value, leave blank.

Total given by this person during campaign:

Contributor—Fair market value of the item (substitute sale price, if lower) plus all previous contributions made to the candidate or committee.

Buyer—Amount over fair market value plus all previous contributions made to candidate or committee.

Cash payments: A payment of more than \$50.00 may not be accepted unless a receipt, signed by the buyer and the candidate, treasurer or deputy treasurer is prepared and made part of the committee's financial records.

#### **AUCTION REPORT**

Use this form as an attachment to C3 to report items donated and sold at auctions.

	ommittee name			Date auction w	as held
JC	ONES FOR SHERIFF COMMITTEE			9.	/14/XX
Item No. description	Name and address	Fair market value	Sale price	Amount over fair market value	Total given by this person during campaign
NO. 1 USE	Contributor JOHN DOE 200 "A" STREET, SEATTLE 98101	\$100			\$100
BEACH CABIN	Buyer MARY SMITH 400 "B" STREET, TACOMA 98402		\$125	\$25	\$25
NO. 2 DINNER	SAM BROWN 123 MILITARY ROAD, ANYTOWN 99101  Buyer TOM MIX	\$80			\$60
FOR 4	RT. 2, BOX 1, SADDLE MT. 98900		\$60		
NO. 3 BOAT	CAPI. MOBY DICK 401 WATERFRONT, POULSBO 98701	\$75			\$75
CRUISE	MERRI RYDER 204 E. LAND, MYBURG 99100  Contributor		\$90	\$15	\$15
	Buyer	• • • • • • • • • • • • • • • • • • • •			
	Cash receipts, this page (Total, sale price column)		\$275.00		
	Total from attached pages	********	0		
	Total cash receipts (Put this amount in part 1d of C3 report)		\$275.00		

## WSR 92-19-012 PERMANENT RULES DEPARTMENT OF FISHERIES

[Order 92-89-Filed September 3, 1992, 3:41 p.m.]

Date of Adoption: June 4, 1992.

Purpose: Establish emerging commercial fisheries rules. Statutory Authority for Adoption: RCW 75.08.080. Pursuant to notice filed as WSR 92-09-129 on April 21, 1992.

Changes Other than Editing from Proposed to Adopted Version: WAC 220-88-010 clarify that director may redesignate a trial commercial fishery as an emerging or expanding commercial fishery; WAC 220-88-020 add requirement that person or vessel be licensed prior to receiving an experimental fishery permit. Clarify director may close fishery at any time. Delete summary suspension provision as director need not use this to close a fishery; and WAC 220-88-040 change "fishery" to "fishing." Clarify trial fishery permits may only be issued to licensed persons or vessels. Delete summary suspension provision as director need not use this to close a fishery.

Effective Date of Rule: Thirty-one days after filing.

September 3, 1992
Judith Freeman
Deputy
for Robert Turner
Acting Director

## Chapter 220-88 WAC EMERGING COMMERCIAL FISHERIES

#### **NEW SECTION**

WAC 220-88-010 Emerging commercial fisheries— Definitions. The following definitions apply to this chapter:

- (1) "Experimental fishery permit" means a permit issued by the director for either:
- (a) An "emerging commercial fishery" defined as a fishery for a newly classified species for which the department has determined that there is a need to limit participation; or
- (b) An "expanding commercial fishery" defined as a fishery for a previously classified species in a new area, by a new method, or at a new effort level, for which the department has determined that there is a need to limit participation.
- (2) "Trial commercial fishery permit" means a permit issued by the department for trial harvest of a newly classified species, or harvest of a previously classified species in a new area or by a new means. A trial commercial fishery permit will only be issued when the department has determined that there is no need to limit participation. The director may redesignate a trial commercial fishery as an emerging or expanding commercial fishery if the director finds that there is a need to limit participation in that fishery.

#### **NEW SECTION**

WAC 220-88-020 Experimental fishery permits. (1) The director will issue experimental fishery permits after the date rules designating a fishery as either an emerging commercial fishery or an expanding commercial fishery and

- establishing the number and qualifications of permit holders take effect
- (2) Only persons meeting the following requirements may hold an experimental fishery permit:
- (a) The person must hold a commercial fishing license under chapter 75.28 RCW for the gear to be used with the experimental fishery permit or own a vessel that holds such a license. An experimental fishery permit is supplemental to a commercial fishing license, and may not be used unless the fisher or the fisher's vessel is currently licensed.
- (b) No person ineligible to hold a commercial fishing license will be issued an experimental fishery permit. The person must meet the qualifications established for the experimental fishery permit that the person seeks.
- (c) In the event an emerging or expanding commercial fishery arises from a trial commercial fishery, the director shall consider whether a fisher making application for an experimental fishery permit had previously held a trial commercial fishery permit for that fishery.
- (3) An experimental fishery permit will not be issued for any species for which a license, endorsement, or validation limitation has been established pursuant to chapter 75.30 RCW, or for any fishery under the jurisdiction of the secretary of commerce.
- (4) The director may at any time close an emerging or expanding commercial fishery for conservation reasons.

#### **NEW SECTION**

WAC 220-88-030 Experimental fishery permit advisory board. (1) The five-person advisory board that will review and make recommendations regarding number and qualifications of persons who will receive experimental fishery permits shall have knowledge of the commercial fishing industry.

(2) No board member may be an applicant for or receive an experimental fishery permit.

#### **NEW SECTION**

#### WAC 220-88-040 Trial commercial fishery permits.

- (1) Applications for trial commercial fishery permits must specify the species, fishing area, and fishing method to be used.
- (2) The department will respond to any request for a trial commercial fishery permit within sixty days of receiving the application.
- (3) Only persons who hold a commercial fishing license under chapter 75.28 RCW for the gear to be used with the trial commercial fishery permit or own a vessel that holds such a license are eligible to hold a trial commercial fishery permit. A trial commercial fishery permit is supplemental to a commercial fishing license, and may not be used unless the fisher or the fisher's vessel is currently licensed.
- (4) The director will issue a trial commercial fishery permit for a newly classified species only after the director has by rule classified the species as a food fish or shellfish in chapter 220-12 WAC. If emergency classification is required, the director will issue the trial commercial fishery permit only for the period of emergency classification, and will not renew the permit unless the department has received a request for permanent classification at least two weeks before the end of the permit period.

- (5) The director may redesignate a trial commercial fishery as an emerging or expanding commercial fishery if the director finds that there is a need to limit participation. A trial commercial fishery permit for that fishery does not guarantee future eligibility for an experimental fishery permit.
- (6) The director may at any time close a trial commercial fishery for conservation reasons.

## WSR 92-19-023 PERMANENT RULES WILDLIFE COMMISSION

[Order 569—Filed September 4, 1992, 4:50 p.m.]

Date of Adoption: August 15, 1992.

Purpose: To implement an early fishing closure on those waters which are subject to rehabilitation to enable the department to be in compliance with rotenone label restrictions.

Citation of Existing Rules Affected by this Order: Amending WAC 232-28-61912.

Statutory Authority for Adoption: RCW 77.12.040. Pursuant to notice filed as WSR 92-14-104 on June 30, 1992.

Changes Other than Editing from Proposed to Adopted Version: The adopted version of WAC 232-28-61912 differs from the proposed version filed with the code reviser in the following manner. The adopted version eliminates Koeneman, McIntosh, and Lawrence lakes in Region 6. McIntosh and Lawrence lakes were removed due to public input and further review by Department of Wildlife staff. The overwhelming majority of people who attended this meeting were against the proposal to rehabilitate McIntosh and Lawrence lakes. The reasons ranged from their current weed problem, and the potential the dead fish would exacerbate this problem, to preference for mixed species, year around fisheries. Koeneman Lake was eliminated due to concerns for potential impacts to the Western Pond Turtle.

Effective Date of Rule: Thirty-one days after filing.

September 1, 1992 Curt Smitch Director for Dean A. Lydig Chair

#### **NEW SECTION**

WAC 232-28-61912 1992-94 Washington game fish seasons and catch limits — Stan Coffin, H, and Ancient lakes, unnamed pond in desert unit of the Columbia Basin TWN (18N), RGE (26E), SEC (11,14) in Region 2, Bingen Lake in Region 5, and Buck Lake in Region 6. Notwithstanding the provisions of WAC 232-28-619, the game fish seasons for the above mentioned waters are as follows:

April 26, 1992 - October 1992.

The following regulations apply to the 1993 season:

Stan Coffin Lake (Grant Co.), H Lake (Grant Co.), Ancient Lakes (Grant Co.), and Unnamed Pond in Desert Unit of the Columbia Basin TWN (18N), RGE (26E), SEC (11,14) in Region 2: year around season.

Bingen Lake (Region 5), Buck Lake (Region 6): April 25, 1993 - October 31, 1993

# WSR 92-19-026 PERMANENT RULES DEPARTMENT OF LABOR AND INDUSTRIES

[Filed September 8, 1992, 11:40 a.m.]

Date of Adoption: September 8, 1992.

Purpose: To remove vocational rehabilitation provider monitoring and selection requirements which are counterproductive.

Citation of Existing Rules Affected by this Order: Repealing WAC 296-18A-465; and amending WAC 296-18A-460.

Statutory Authority for Adoption: RCW 51.04.020. Pursuant to notice filed as WSR 92-14-116 on July 1, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 8, 1992

Joseph A. Dear

Director

AMENDATORY SECTION (Amending Order 88-24, filed 10/10/88)

WAC 296-18A-460 ((Performance criteria)) Audits. (((1) Vocational rehabilitation providers offering services under RCW 51.32.095 for state fund referrals shall be selected by the department, at the department's sole discretion, based upon providers' performance according to the following criteria.

- (2) There shall be objective evaluation by the department's vocational rehabilitation services section, which shall address:
- (a) Cost to medical aid fund including fees paid to vocational providers or other providers at the request of the vocational rehabilitation counselor;
- (b) Cost to accident fund including time loss compensation, loss of earning power payments, and "training" costs pursuant to RCW 51.32.095(3), paid during the time vocational rehabilitation services are provided;
- (c) Cost to second injury fund due to approved job site modifications;
- (d) Length of services provided, from time of referral to date of issuance of closing report;
  - (e) Ratio of referrals to completed plans;
- (f) The outcome of the claim at the time of closure of vocational rehabilitation services which identifies the injured worker as (i) employable; (ii) returned to work; or (iii) other.
- (3) The vocational rehabilitation services section shall also weigh the various objective criteria listed above by addressing the following subjective criteria:
- (a) The ability of the vocational rehabilitation provider and counselor to comply with the rules contained in chapter 296-18A WAC and the law as contained in RCW 51.32.095;
- (b) The adequacy of the vocational rehabilitation provider's facilities shall also be considered.
- (4) The vocational rehabilitation services section-shall solicit proposals, on forms provided by the vocational

rehabilitation services section, from all-providers on the department's provider list and shall utilize these in contracting with providers for referrals.

(5) Audits.)) In order to ensure compliance with the ((above listed criteria)) provisions of chapter 296-18A WAC, every vocational rehabilitation provider used by the department shall be subject to an audit of their facilities and files. Audits may be conducted upon petition or upon the department's own initiative. Audits may be for cause or at random and may consist of, but not be limited to, an on-site evaluation of each provider's facilities, files and records, including the accuracy of the records and the accuracy of billing for services. The vocational rehabilitation provider shall receive written notice at least forty-eight hours in advance of such audit.

The audit of vocational rehabilitation providers at locations outside the state of Washington shall be at the expense of the provider and the expense incurred in making such audit shall be paid by the provider.

Such expenses shall be calculated at the usual and normal per diem and travel expense rates established by law and in effect at the time the expenses are incurred.

#### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 296-18A-465 Request for proposal.

# WSR 92-19-038 PERMANENT RULES OFFICE OF INSURANCE COMMISSIONER

[Order R 92-8—Filed September 9, 1992, 3:52 p.m.]

Date of Adoption: September 3, 1992.

Purpose: To establish minimum reserve standards to be met by insurers with respect to disability insurance contracts, consistent with standards formulated by the National Association of Insurance Commissioners (NAIC).

Citation of Existing Rules Affected by this Order: Repealing WAC 284-16-060.

Statutory Authority for Adoption: RCW 48.02.060 to effectuate RCW 48.12.030 and 48.12.060.

Pursuant to notice filed as WSR 92-15-103 on July 20, 1992.

Changes Other than Editing from Proposed to Adopted Version: In WAC 284-16-500 (1)(a)(i) and (2)(a)(i), 1993 was changed to 1986 to conform to intent of NAIC model rule. In WAC 284-16-520 (1) and (2), the modifier "whole" before "life insurance" was removed to avoid an overly restrictive interest standard.

Effective Date of Rule: Thirty-one days after filing.
September 3, 1992
Dick Marquardt
Insurance Commissioner
by Robert E. Johnson
Deputy Insurance Commissioner

#### **NEW SECTION**

WAC 284-16-400 Title and scope. (1) This regulation, WAC 284-16-400 through WAC 284-16-540, shall be known and may be cited as the "Washington minimum reserve standards for individual and group disability insurance contracts regulation."

(2) These standards apply to all individual and group disability insurance coverages except medicare supplement insurance as governed by WAC 284-66-210.

#### **NEW SECTION**

WAC 284-16-410 **Definitions.** For the purpose of this regulation, the following definitions shall apply:

- (1) "Annual-claim cost" means the net annual cost per unit of benefit before the addition of expense including claim settlement expenses, and a margin for profit or contingencies. For example, the annual claim cost for a one hundred dollar monthly disability benefit, for a maximum disability benefit period of one year, with an elimination period of one week, with respect to a male at age thirty-five, in a certain occupation might be twelve dollars, while the gross premium for this benefit might be eighteen dollars. The additional six dollars would cover expense and profit or contingencies.
- (2) "Claims accrued" means that portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services which have been rendered on or prior to the valuation date, and for the payment of benefits for days of hospitalization and days of disability which have occurred on or prior to the valuation date, which the insurer has not paid as of the valuation date, but for which it is liable, and will have to pay after the valuation date. This liability is sometimes referred to as a liability for accrued benefits. A claim reserve, which represents an estimate of this accrued claim liability, must be established.
- (3) "Claims incurred" means that portion of a claim for which the insurer has become obligated to make payment, on or prior to the valuation date.
- (4) "Claims reported" means those claims that have been incurred on or prior to the valuation date of which the insurer has been informed, on or prior to the valuation date. These claims are considered as reported claims for annual statement purposes.
- (5) "Claims unaccrued" means that portion of claims incurred on or prior to the valuation date which result in liability of the insurer for the payment of benefits for medical services expected to be rendered after the valuation date, and for benefits expected to be payable for days of hospitalization and days of disability occurring after the valuation date. This liability is sometimes referred to as a liability for unaccrued benefits. A claim reserve, which represents an estimate of the unaccrued claim payments expected to be made, which may or may not be discounted with interest, must be established.
- (6) "Claims unreported" means those claims that have been incurred on or prior to the valuation date of which the insurer has not been informed, on or prior to the valuation date. These claims are considered as unreported claims for annual statement purposes.

- (7) "Date of disablement" means the earliest date the insured is considered as being disabled under the definition of disability in the contract, based on a doctor's evaluation or other evidence. Normally this date will coincide with the start of any elimination period.
- (8) "Elimination period" means a specified number of days, weeks, or months starting at the beginning of each period of loss, during which no benefits are payable.
- (9) "Gross premium" is the amount of premium charged by the insurer. It includes the net premium, based on claim-cost, for the risk, together with any loading for expenses, profit, or contingencies.
- (10) "Group insurance" includes blanket disability insurance.
- (11) "Level premium" means a premium calculated to remain unchanged throughout either the lifetime of the policy, or for some shorter projected period of years. The premium need not be guaranteed; in which case, although it is calculated to remain level, it may be changed if any of the assumptions on which it was based are revised at a later time. Generally, the annual claim costs are expected to increase each year and the insurer, instead of charging premiums that correspondingly increase each year, charges a premium calculated to remain level for a period of years or for the lifetime of the contract. In this case the benefit portion of the premium is more than needed to provide for the cost of benefits during the earlier years of the policy and less than the actual cost in the later years. The building of a prospective contract reserve is a natural result of level premiums.
- (12) "Long-term care insurance" means any insurance policy or benefit contract primarily advertised, marketed, offered, or designed to provide coverage or services over a prolonged period of time for either institutional or community-based convalescent, custodial, chronic, or terminally ill care. Long-term care insurance may be issued by insurers; fraternal benefit societies; health care service contractors; health maintenance organizations or any similar organization to the extent they are authorized. Long-term care insurance shall not include any insurance policy which is offered primarily to provide basic Medicare supplement coverage, nor shall it include a contract between a continuing care retirement community and its residents.
- (13) "Modal premium" means the premium paid on a contract based on a premium term which could be annual, semi-annual, quarterly, monthly, or weekly. Thus if the annual premium is one hundred dollars and if, instead, monthly premiums of nine dollars are paid then the modal premium is nine dollars.
- (14) "Negative reserve" means a negative terminal reserve value. Negative reserves occur when the present value of future benefits is less than the present value of future valuation net premiums.
- (15) "Preliminary term reserve method" means the method of valuation for which the valuation net premium for each year falling within the preliminary term period is exactly sufficient to cover the expected incurred claims of that year, so that the terminal reserves will be zero at the end of the year. As of the end of the preliminary term period, a new constant valuation net premium, or stream of changing valuation premiums, becomes applicable such that the present value of all such premiums is equal to the

- present value of all claims expected to be incurred following the end of the preliminary term period.
- (16) "Present value of amounts not yet due on claims" means the reserve for claims unaccrued which may be discounted at interest.
- (17) "Reserve" includes all items of benefit liability, whether in the nature of incurred claim liability or in the nature of contract liability relating to future periods of coverage, and whether the liability is accrued or unaccrued. An insurer under its contracts promises benefits which result in:
- (a) Claims which have been incurred, that is, for which the insurer has become obligated to make payment, on or prior to the valuation date. On these claims, payments expected to be made after the valuation date for accrued and unaccrued benefits are liabilities of the insurer which should be provided for by establishing claim reserves; or
- (b) Claims which are expected to be incurred after the valuation date. Any present liability of the insurer for these future claims should be provided for by the establishment of contract reserves and unearned premium reserves.
- (18) "Terminal reserve" means the reserve at the end of a contract year, which is the present value of benefits expected to be incurred after that contract year minus the present value of future valuation net premiums.
- (19) "Unearned premium reserve" means that portion of the premium paid or due to the insurer which is applicable to the period of coverage extending beyond the valuation date. Thus if an annual premium of one hundred twenty dollars was paid on November 1, twenty dollars would be earned as of December 31 and the remaining one hundred dollars would be unearned. The unearned premium reserve could be on a gross basis as in this example, or on a valuation net premium basis.
- (20) "Valuation net modal premium" means the modal fraction of the valuation net annual premium that corresponds to the gross modal premium in effect on any contract to which contract reserves apply. Thus if the mode of payment in effect is quarterly, the valuation net modal premium is the quarterly equivalent of the valuation net annual premium.

WAC 284-16-420 Reserves in excess of minimum reserve standards. When an insurer determines that adequacy of its disability insurance reserves requires reserves in excess of the minimum standards specified herein, such increased reserves shall be held and shall be considered the minimum reserves for that insurer.

#### **NEW SECTION**

WAC 284-16-430 Prospective gross premium valuation. (1) With respect to any block of contracts, or with respect to an insurer's disability business as a whole, a prospective gross premium valuation is the ultimate test of reserve adequacy as of a given valuation date. The gross premium valuation shall take into account, for contracts in force, in a claims status, or in a continuation of benefits status on the valuation date, the present value as of the valuation date, adjusted for future premium increases reasonably expected to be put into effect, of:

- (a) All expected benefits unpaid;
- (b) All expected expenses unpaid; and
- (c) All unearned or expected premiums.
- (2) The insurer shall perform gross premium valuation whenever a significant doubt exists as to reserve adequacy with respect to any major block of contracts, or with respect to the insurer's disability business as a whole. In the event inadequacy is found to exist, the insurer shall make immediate loss recognition and restore the reserves to adequacy. The insurer shall hold adequate reserves, inclusive of claim, premium and contract reserves, if any, with respect to all contracts, regardless of whether contract reserves are required for such contracts under these standards.
- (3) Whenever minimum reserves, as defined in these standards, exceed reserve requirements as determined by a prospective gross premium valuation, such minimum reserves remain the minimum requirement under these standards.

- WAC 284-16-440 General claim reserve requirements. (1) Claim reserves are required for all incurred but unpaid claims on all disability insurance policies;
- (2) Appropriate claim expense reserves are required with respect to the estimated expense of settlement of all incurred but unpaid claims; and
- (3) All such reserves for prior valuation years are to be tested for adequacy and reasonableness along the lines of claim runoff schedules in accordance with the statutory financial statement including consideration of any residual unpaid liability.

#### **NEW SECTION**

## WAC 284-16-450 Minimum standards for claim reserves. (1) For disability income:

- (a) The maximum interest rate for claim reserves is specified in WAC 284-16-520.
- (b) Minimum standards with respect to morbidity are those specified in WAC 284-16-500 and 284-16-510; except that, at the option of the insurer, for claims with a duration from date of disablement of less than two years, reserves may be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.
- (c) For contracts with an elimination period, the insurer shall measure the duration of disablement as dating from the time that benefits would have begun to accrue had there been no elimination period.
  - (2) For all other benefits:
- (a) The maximum interest rate for claim reserves is specified in WAC 284-16-520.
- (b) The insurer shall base the reserve on the insurer's morbidity experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.
  - (c) General claim reserve methods are as follows:
- (i) The insurer may use any generally accepted or reasonable actuarial method or combination of methods to estimate all claim liabilities.
- (ii) The methods used for estimating liabilities generally may be aggregate methods, or various reserve items may be

separately valued. The insurer may also employ approximations based on groupings and averages. The insurer shall, however, determine adequacy of the claim reserves in the aggregate.

#### **NEW SECTION**

WAC 284-16-460 Premium reserves. (1) General premium reserve requirements are:

- (a) Unearned premium reserves are required for all contracts, including credit insurance disability contracts, with respect to the period of coverage for which premiums, other than premiums paid in advance, have been paid beyond the date of valuation;
- (b) If premiums due and unpaid are carried as an asset, the insurer shall treat the premiums as premiums in force, subject to unearned premium reserve determination. The insurer shall carry as an offsetting liability the value of unpaid commissions, premium taxes, and the cost of collection associated with due and unpaid premiums; and
- (c) Insurers may appropriately discount to the valuation date the gross premiums paid in advance for a period of coverage commencing after the next premium due date which follows the date of valuation. The insurer shall hold this discounted premium either as a separate liability or as an addition to the unearned premium reserve which would otherwise be required as a minimum.
- (2) Minimum standards for unearned premium reserves are as follows:
- (a) The minimum unearned premium reserve with respect to any contract is the pro rata unearned modal premium that applies to the premium period beyond the valuation date, with such premium determined on the basis of:
- (i) The valuation net modal premium on the contract reserve basis applying to the contract; or
- (ii) The gross modal premium for the contract if no contract reserve applies.
- (b) However, in no event may the sum of the unearned premium and contract reserves for all contracts of the insurer subject to contract reserve requirements be less than the gross modal unearned premium reserve on all such contracts, as of the date of valuation. Such reserve shall never be less than the expected claims for the period beyond the valuation date represented by such unearned premium reserve, to the extent not provided for elsewhere.
- (3) General premium reserve methods are as follows: In computing premium reserves, the insurer may employ suitable approximations and estimates; including, but not limited to groupings, averages, and aggregate estimation. The insurer shall periodically test the approximations or estimates to determine their continuing adequacy and reliability.

#### **NEW SECTION**

WAC 284-16-470 Contract reserves. (1) General contract reserve requirements are:

- (a) Contract reserves are required, unless otherwise specified in (b) of this subsection for:
- (i) All individual and group contracts with which level premiums are used; or

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- (ii) All individual and group contracts with respect to which, due to the gross premium pricing structure at issue, the value of the future benefits at any time exceeds the value of any appropriate future valuation net premiums at that time. The insurer shall determine the values specified in this item (ii) on the basis specified in subsection (2) of this section.
  - (b) Contracts not requiring a contract reserve are:
- (i) Contracts which cannot be continued after one year from issue; or
- (ii) Contracts already in force on the effective date of these standards for which no contract reserve was required under the immediately preceding standards.
- (c) The contract reserve is in addition to claim reserves and premium reserves; and
- (d) The insurer shall use methods and procedures for contract reserves that are consistent with those for claim reserves for any contract, or else shall make appropriate adjustment when necessary to assure provision for the aggregate liability. The insurer shall use the same definition of the date of incurral in both determinations.
- (2) The basis for determining minimum standards for contract reserves are:
- (a) Minimum standards with respect to morbidity are those set forth in WAC 284-16-500 and 284-16-510. Valuation net premiums used under each contract must have a structure consistent with the gross premium structure at issue of the contract as this relates to advancing age of insured, contract duration and period for which gross premiums have been calculated. The insurer shall value contracts for which tabular morbidity standards are not specified in WAC 284-16-500 and 284-16-510 using tables established for reserve purposes by a qualified actuary and acceptable to the commissioner.
- (b) The maximum interest rate is specified in WAC 284-16-520.
- (c) The insurer shall use termination rates in the computation of reserves on the basis of a mortality table as specified in WAC 284-16-530 except as noted in (d) of this subsection.
- (d) Under contracts for which premium rates are not guaranteed, and where the effects of insurer underwriting are specifically used by policy duration in the valuation morbidity standard, the insurer may use total termination rates at ages and durations where these exceed specified mortality table rates, but not in excess of the lesser of:
- (i) Eighty percent of the total termination rate used in the calculation of the gross premiums; or
  - (ii) Eight percent.
- (e) Where a morbidity standard specified in WAC 284-16-500 and 284-16-510 is on an aggregate basis, the insurer may adjust the morbidity standard to reflect the effect of insurer underwriting by policy duration. The adjustments shall be appropriate to the underwriting and be acceptable to the commissioner.
  - (f) Reserve method:
- (i) For insurance, except long-term care and Medicare supplement insurance, the minimum reserve is the reserve calculated on the two-year full preliminary term method; that is, under which the terminal reserve is zero at the first and also the second contract anniversary.

- (ii) For long-term care insurance and medicare supplemental insurance as governed by WAC 284-66- 210 the minimum reserve is the reserve calculated on the one-year full preliminary term method.
- (g) The preliminary term method may be applied only in relation to the date of issue of a contract. Reserve adjustments introduced later, as a result of rate increases, revisions in assumptions or for other reasons, are to be applied immediately as of the effective date of adoption of the adjusted basis.
- (h) The insurer may offset negative reserves on any benefit against positive reserves for other benefits in the same contract, but the total contract reserve with respect to all benefits combined may not be less than zero.
- (3) Provided the contract reserve on all contracts to which an alternative method or basis is applied is not less in the aggregate than the amount determined according to the applicable standards specified above; an insurer may use any reasonable assumptions as to interest rates, termination and/or mortality rates, and rates of morbidity or other contingency. Also, subject to the preceding condition, the insurer may employ methods other than the methods stated above in determining a sound value of its liabilities under such contracts, including, but not limited to the following:
  - (a) The net level premium method;
  - (b) The one-year full preliminary term method;
- (c) Prospective valuation on the basis of actual gross premiums with reasonable allowances for future expenses;
- (d) The use of approximations such as those involving age groupings, groupings of several years of issue, average amounts of indemnity, grouping of similar contract forms;
- (e) The computation of the reserve for one contract benefit as a percentage of, or by other relation to, the aggregate contract reserves exclusive of the benefit or benefits so valued; and
- (f) The use of a composite annual claim cost for all or any combination of the benefits included in the contracts valued.
- (4) Tests for adequacy and reasonableness of contract reserves.
- (a) Annually, the insurer shall make an appropriate review of the insurer's prospective contract liabilities on contracts valued by tabular reserves, to determine the continuing adequacy and reasonableness of the tabular reserves giving consideration to future gross premiums. The insurer shall make appropriate increments to such tabular reserves if such tests indicate that the basis of such reserves is no longer adequate; subject, however, to the minimum standards of subsection (2) of this section.
- (b) If an insurer has a contract or a group of related similar contracts, for which future gross premiums will be restricted by contract, commissioner's regulation, or for some other reasons, such that the future gross premiums reduced by expenses for administration, commissions, and taxes will be insufficient to cover future claims, the insurer shall establish contract reserves for such shortfalls in the aggregate.

WAC 284-16-480 Determination of adequacy. The insurer shall determine the adequacy of its disability insurance reserves on the basis of the claim reserves, premium reserves, and contract reserves combined. However, these standards emphasize the importance of determining appropriate reserves for each of the three categories separately.

#### **NEW SECTION**

WAC 284-16-490 Reinsurance. Increases to, or credits against reserves carried, arising because of reinsurance assumed or reinsurance ceded, must be determined in a manner consistent with these minimum reserve standards and with all applicable provisions of the reinsurance contracts which affect the insurer's liabilities.

#### **NEW SECTION**

WAC 284-16-500 Specific minimum morbidity standards for individual disability contracts. (1) Disability income benefits due to accident or sickness.

- (a) Contract reserves for:
- (i) Contracts issued on or after January 1, 1967, and prior to January 1, 1986: The 1964 Commissioners Disability Table (64 CDT).
- (ii) Contracts issued on or after January 1, 1993: The 1985 Commissioners Individual Disability Tables A (85CIDA); or The 1985 Commissioners Individual Disability Tables B (85CIDB).
- (iii) Contracts issued during 1986 through December 31, 1992: Optional use of either the 1964 Table or the 1985
- (iv) Each insurer shall elect, with respect to all individual contracts issued in any one statement year, either it will use Tables A or Tables B as the minimum standard. The insurer may, however, elect to use the other tables with respect to any subsequent statement year.
- (b) Claim reserves: The minimum morbidity standard in effect for contract reserves on currently issued contracts, as of the date the claim is incurred.
- (2) Hospital benefits, surgical benefits and maternity benefits (scheduled benefits or fixed time period benefits only).
  - (a) Contract reserves for:
- (i) Contracts issued on or after January 1, 1967, and before January 1, 1986: The 1956 Intercompany Hospital-Surgical Tables.
- (ii) Contracts issued on or after January 1, 1993: The 1974 Medical Expense Tables, Table A, Transactions of the Society of Actuaries, Volume XXX, pg. 63. Refer to the paper (in the same volume, pg. 9) to which this table is appended, including its discussions, for methods of adjustment for benefits not directly valued in Table A: "Development of the 1974 Medical Expense Benefits," Houghton and Wolf.
- (iii) Contracts issued during 1986 through December 31, 1992: Optional use of the 1974 Medical Expense Tables.
- (b) Claim reserves: No specific standards. See subsection (5) of this section.
- (3) Cancer expense benefits (scheduled benefits or fixed time period benefits only).

- (a) Contract reserves for:
- (i) Contracts issued on or after January 1, 1993: The 1985 NAIC Cancer Claim Cost Tables.
- (ii) Contracts issued during 1986 through December 31, 1992: Optional use of the 1985 NAIC Cancer Claim Cost Tables.
- (b) Claim reserves: No specific standard. See subsection (5) of this section.
  - (4) Accidental death benefits.
- (a) Contract reserves for contracts issued on or after January 1, 1967: The 1959 Accidental Death Benefits Table.
  - (b) Claim reserves: Actual amount incurred.
  - (5) Other individual contract benefits.
- (a) Contract reserves: For all other individual contract benefits, morbidity assumptions are to be determined using tables established for reserve purposes by a qualified actuary and acceptable to the commissioner.
- (b) Claim reserves: For all benefits other than disability, claim reserves are to be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

#### **NEW SECTION**

WAC 284-16-510 Specific minimum morbidity standards for group disability contracts. (1) Disability income benefits due to accident or sickness.

- (a) Contract reserves for:
- (i) Contracts issued prior to January 1, 1993: The same basis, if any, as that employed by the insurer as of December 31, 1992;
- (ii) Contracts issued on or after January 1, 1993: The 1987 Commissioners Group Disability Income Table (87CGDT).
  - (b) Claim reserves for:
- (i) Claims incurred on or after January 1, 1993: The 1987 Commissioners Group Disability Income Table (87CGDT);
- (ii) Claims incurred prior to January 1, 1993: Optional use of either the 1964 Table or the 1987 Table.
  - (2) Other group contract benefits.
- (a) Contract reserves: For all other group contract benefits, morbidity assumptions are to be determined using tables established for reserve purposes by a qualified actuary and acceptable to the commissioner.
- (b) Claim reserves: For all benefits other than disability, claim reserves are to be based on the insurer's experience, if such experience is considered credible, or upon other assumptions designed to place a sound value on the liabilities.

#### **NEW SECTION**

WAC 284-16-520 Specific standards for interest. (1) For contract reserves the maximum interest rate is the maximum rate permitted by law in the valuation of life insurance issued on the same date as the disability insurance contract.

(2) For claim reserves the maximum interest rate is the maximum rate permitted by law in the valuation of life insurance issued on the same date as the claim incurral date.

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WAC 284-16-530 Specific standards for mortality. The mortality basis used shall be according to a table, but without use of selection factors, permitted by law for the valuation of whole life insurance issued on the same date as the disability insurance contract.

#### **NEW SECTION**

#### WAC 284-16-540 Reserves for waiver of premium.

- (1) Waiver of premium reserves involve several special considerations. First, many disability valuation tables are based on exposures that include contracts on premium waiver as in-force contracts. Hence, contract reserves based on these tables are not reserves on "active lives" but rather reserves on contracts "in force." This is true for the 1964 CDT and for both the 1985 CIDA and CIDB Tables.
- (2) Accordingly, tabular reserves using any of these tables should value reserves on the following basis:
- (a) Claim reserves should include reserves for premiums expected to be waived, valuing as a minimum the valuation net premium being waived.
- (b) Premium reserves should include contracts on premium waiver as in-force contracts, valuing as a minimum the unearned modal valuation net premium being waived.
- (c) Contract reserves should include recognition of the waiver of premium benefit in addition to other contract benefits provided for, valuing as a minimum the valuation net premium to be waived.
- (3) If an insurer is, instead, valuing reserves on what is truly an active life table, or if a specific valuation table is not being used but the insurer's gross premiums are calculated on a basis that includes in the projected exposure only those contracts for which premiums are being paid, then it may not be necessary to provide specifically for waiver of premium reserves. Any insurer using such a true "active life" basis should carefully consider, however, whether or not additional liability should be recognized on account of premiums waived during periods of disability or during claim continuation.

#### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 284-16-060

Disability insurance—Minimum reserve standards.

# WSR 92-19-039 PERMANENT RULES OFFICE OF INSURANCE COMMISSIONER

[Order R 92-9-Filed September 9, 1992, 3:55 p.m.]

Date of Adoption: September 3, 1992.

Purpose: To identify conditions of insurers that the commissioner will consider in determining whether the continued transaction of insurance in this state would be hazardous to policyholders, creditors or the general public,

and outline the corrective action the commissioner may require.

Statutory Authority for Adoption: RCW 48.02.060 to effectuate RCW 48.05.140, 48.03.030, and 48.31.030.

Pursuant to notice filed as WSR 92-15-102 on July 20, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 3, 1992

Dick Marquardt

Insurance Commissioner

by Robert E. Johnson

Deputy Insurance Commissioner

#### **NEW SECTION**

WAC 284-16-300 Purpose. (1) The purpose of this regulation, WAC 284-16-300 through 284-16-320 is to set forth the standards which the commissioner will use to identify insurers in such condition as to render the continuance of their business hazardous to the public or to holders of their policies or certificates of insurance.

(2) This regulation shall not be interpreted to limit the powers granted the commissioner by any laws or parts of laws of this state, nor shall this regulation be interpreted to supersede any laws or parts of laws of this state.

#### **NEW SECTION**

WAC 284-16-310 Standards. The following standards, either singly or a combination of two or more, may be considered by the commissioner to determine whether the continued operation of any insurer transacting an insurance business in this state might be deemed to be hazardous to the policyholders, creditors, or the general public. The commissioner may consider:

- (1) Adverse findings reported in financial condition and market conduct examination reports.
- (2) The National Association of Insurance Commissioners Insurance Regulatory Information System and its related reports.
- (3) The ratios of commission expense, general insurance expense, policy benefits and reserve increases as to annual premium and net investment income which could lead to an impairment of capital and surplus.
- (4) The insurer's asset portfolio when viewed in light of current economic conditions is not of sufficient value, liquidity, or diversity to assure the company's ability to meet its outstanding obligations as they mature.
- (5) The ability of an assuming reinsurer to perform and whether the insurer's reinsurance program provides sufficient protection for the company's remaining surplus after taking into account the insurer's cash flow and the classes of business written as well as the financial condition of the assuming reinsurer.
- (6) The insurer's operating loss in the last twelve month period or any shorter period of time, including but not limited to net capital gain or loss, change in nonadmitted assets, and cash dividends paid to shareholders, is greater than fifty percent of such insurer's remaining surplus as regards policyholders in excess of the minimum required.
- (7) Whether any affiliate, subsidiary, or reinsurer is insolvent, threatened with insolvency, or delinquent in payment of its monetary or other obligation.

- (8) Contingent liabilities, pledges, or guaranties which either individually or collectively involve a total amount which in the opinion of the commissioner may affect the solvency of the insurer.
- (9) Whether any controlling person of an insurer is delinquent in the transmitting to, or payment of, net premiums to such insurer.
  - (10) The age and collectibility of receivables.
- (11) Whether the management of an insurer, including officers, directors, or any other person who directly or indirectly controls the operation of such insurer, fails to possess and demonstrate the competence, fitness, and reputation deemed necessary to serve the insurer in such position.
- (12) Whether management of an insurer has failed to respond to inquiries relative to the condition of the insurer or has furnished misleading information concerning an inquiry.
- (13) Whether management of an insurer either has filed any false or misleading sworn financial statement, or has released false or misleading financial statement to lending institutions or to the general public, or has made a false or misleading entry, or has omitted an entry of material amount in the books of the insurer.
- (14) Whether the insurer has grown so rapidly and to such an extent that it lacks adequate financial and administrative capacity to meet its obligations in a timely manner.
- (15) Whether the company has experienced or will experience in the foreseeable future, cash flow and/or liquidity problems.

WAC 284-16-320 Manner in which commissioner will exercise authority. (1) For the purpose of making a determination of an insurer's financial condition under this regulation, the commissioner may:

- (a) Disregard any credit or amount receivable resulting from transactions with a reinsurer which is insolvent, impaired, or otherwise subject to a delinquency proceeding;
- (b) Make appropriate adjustments to asset values attributable to investments in or transactions with parents, subsidiaries, or affiliates;
- (c) Refuse to recognize the stated value of accounts receivable if the ability to collect receivables is highly speculative in view of the age of the account or the financial condition of the debtor; or
- (d) Increase the insurer's liability in an amount equal to any contingent liability, pledge, or guarantee not otherwise included if there is a substantial risk that the insurer will be called upon to meet the obligation undertaken within the next twelve-month period.
- (2) If the commissioner determines that the continued operation of the insurer authorized to transact business in this state may be hazardous to the policyholders or the general public, then the commissioner may, in conjunction with or in lieu of a notice required or permitted by RCW 48.05.150, issue an order requiring the insurer to:
- (a) Reduce the total amount of present and potential liability for policy benefits by reinsurance;

- (b) Reduce, suspend, or limit the volume of business being accepted or renewed;
- (c) Reduce general insurance and commission expenses by specified methods;
  - (d) Increase the insurer's capital and surplus;
- (e) Suspend or limit the declaration and payment of dividend by an insurer to its stockholders or to its policyholders:
- (f) File reports in a form acceptable to the commissioner concerning the market value of an insurer's assets;
- (g) Limit or withdraw from certain investments or discontinue certain investment practices to the extent the commissioner deems necessary:
- (h) Document the adequacy of premium rates in relation to the risks insured; or
- (i) File, in addition to regular annual statements, interim financial reports on the form adopted by the National Association of Insurance Commissioners or on such format as promulgated by the commissioner.

If the insurer is a foreign insurer, the commissioner's order may be limited to the extent provided by statute.

(3) Any insurer subject to an order under subsection (2) of this section may make a written demand for a hearing, subject to the requirements of RCW 48.04.010, by specifying in what respects it is aggrieved and the grounds to be relied upon as basis for the relief to be demanded at the hearing.

# WSR 92-19-040 PERMANENT RULES OFFICE OF INSURANCE COMMISSIONER

[Order R 92-10—Filed September 9, 1992, 3:57 p.m.]

Date of Adoption: September 3, 1992.

Purpose: To enhance the surveillance of insurers' financial condition and to conform Washington's standards to those of the National Association of Insurance Commissioners (NAIC) to assist the state in becoming fully accredited by the NAIC.

Statutory Authority for Adoption: RCW 48.02.060 to effectuate RCW 48.05.250, 48.05.400, and 48.03.010.

Pursuant to notice filed as WSR 92-15-104 on July 20, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 3, 1992

Dick Marquardt

Insurance Commissioner
by Robert E. Johnson

Deputy Insurance Commissioner

#### **NEW SECTION**

WAC 284-07-050 Annual statement instructions. (1) Each authorized insurer is required by RCW 48.05.250 to file with the commissioner an annual statement in general form and context as approved by the National Association of Insurance Commissioners (NAIC) for the kinds of insurance to be reported upon, and pursuant to RCW 48.05.400 must also file a copy thereof with the NAIC. To effectuate those statutes and to enhance consistency in the accounting treatment accorded various kinds of insurance transactions,

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the valuation of assets, and related matters, insurers shall adhere to the appropriate Annual Statement Instructions and the Accounting Practices and Procedures Manuals promulgated by the NAIC.

(2) This section does not relieve an insurer from its obligation to comply with specific requirements of the insurance code or rules thereunder.

#### **NEW SECTION**

- WAC 284-07-100 Purpose and scope. (1) The purpose of this regulation, WAC 284-07-100 through 284-07-230, is to improve the Washington state insurance commissioner's surveillance of the financial condition of insurers by requiring an annual examination by independent certified public accountants of the financial statements reporting the financial position and the results of operations of insurers.
- (2) Every insurer, as defined in WAC 284-07-110, shall be subject to this regulation. Insurers having direct premiums written in this state of less than one million dollars in any calendar year and less than one thousand policyholders or certificateholders of directly written policies nation-wide at the end of such calendar year shall be exempt from this rule for such year (unless the commissioner makes a specific finding that compliance is necessary for the commissioner to carry out statutory responsibilities) except that insurers having assumed premiums pursuant to contracts and/or treaties of reinsurance of one million dollars or more will not be so exempt.
- (3) Foreign or alien insurers filing audited financial reports in another state, pursuant to such other state's requirement of audited financial reports which has been found by the commissioner to be substantially similar to the requirements herein, are exempt from this rule if:
- (a) A copy of the Audited Financial Report, Report on Significant Deficiencies in Internal Controls, and the Accountant's Letter of Qualifications which are filed with such other state are filed with the commissioner in accordance with the filing dates specified in WAC 284-07-120, 284-07-190 and 284-07-200, respectively; and
- (b) A copy of any Notification of Adverse Financial Condition Report filed with such other state is filed with the commissioner within the time specified in WAC 284-07-180.

Canadian insurers may submit accountants' reports as filed with the Canadian Dominion Department of Insurance.

(4) This rule shall not prohibit, preclude, or in any way limit the commissioner from ordering, conducting, or performing examinations of insurers under the rules, regulations, practices, and procedures of the insurance commissioner.

#### **NEW SECTION**

- WAC 284-07-110 Definitions. For the purposes of this regulation the following definitions shall apply:
- (1) "Audited financial report" means and includes those items specified in WAC 284-07-130.
- (2) "Accountant" and "independent certified public accountant" mean an independent certified public accountant or accounting firm in good standing with the American Institute of Certified Public Accountants and in all states in which they are licensed to practice; for Canadian and British

- companies, the terms mean a "Canadian-chartered or British-chartered accountant."
- (3) "Insurer" means an insurer with a certificate of authority to transact the business of insurance in the state of Washington.
- (4) "NAIC" means National Association of Insurance Commissioners.

#### **NEW SECTION**

WAC 284-07-120 Filing and extensions for filing of annual audited financial reports. (1) All insurers shall have an annual audit by an independent certified public accountant and shall file an audited financial report with the commissioner on or before June 1 for the year ended December 31 immediately preceding. The commissioner may require an insurer to file an audited financial report earlier than June 1 with ninety days advance notice to the insurer.

(2) Extensions of the June 1 filing date may be granted by the commissioner for thirty-day periods upon showing by the insurer and its independent certified public accountant the reasons for requesting such extension and determination by the commissioner of good cause for an extension. The request for extension must be submitted in writing not less than ten days prior to the due date in sufficient detail to permit the commissioner to make an informed decision with respect to the requested extension.

#### **NEW SECTION**

WAC 284-07-130 Contents of annual audited financial report. (1) The annual audited financial report shall report the financial position of the insurer as of the end of the most recent calendar year and the results of its operations, cash flows, and changes in capital and surplus for the year then ended in conformity with statutory accounting practices prescribed, or otherwise permitted, by the commissioner.

- (2) The annual audited financial report shall include the following:
  - (a) Report of independent certified public accountant.
- (b) Balance sheet reporting admitted assets, liabilities, capital, and surplus.
  - (c) Statement of operations.
  - (d) Statement of cash flows.
  - (e) Statement of changes in capital and surplus.
- (f) Notes to financial statements. These notes shall be those required by the appropriate NAIC Annual Statement Instructions and any other notes required by generally accepted accounting principles and shall also include:
- (i) A reconciliation of differences, if any, between the audited statutory financial statements and the annual statement filed pursuant to RCW 48.05.250 with a written description of the nature of these differences.
- (ii) A summary of ownership and relationships of the insurer and all affiliated companies.
- (g) The financial statements included in the audited financial report shall be prepared in a form and using language and groupings substantially the same as the relevant sections of the annual statement of the insurer filed with the commissioner, and the financial statements shall be comparative, presenting the amounts as of December 31.

However, in the first year in which an insurer is required to file an audited financial report, the comparative data may be omitted.

#### **NEW SECTION**

WAC 284-07-140 Designation of independent certified public accountant. (1) Each insurer required by this regulation to file an annual audited financial report must, within sixty days after becoming subject to such requirement, register with the commissioner in writing the name and address of the independent certified public accountant or accounting firm retained to conduct the annual audit required by this regulation. Insurers not retaining an independent certified public accountant on the effective date of this rule shall register the name and address of their retained certified public accountant not less than six months before the date when the first audited financial report is to be filed.

- (2) The insurer shall obtain a letter from the accountant, and file a copy with the commissioner stating that the accountant is aware of the provisions of the Washington state insurance code, Title 48, and the rules and regulations thereunder, that relate to accounting and financial matters and affirming that the accountant will express his or her opinion on the financial statements in terms of their conformity to the statutory accounting practices prescribed or otherwise permitted by the commissioner, specifying such exceptions as are believed appropriate.
- (3) If an accountant who was the accountant for the immediately preceding filed audited financial report is dismissed or resigns, the insurer shall, within five business days, notify the commissioner of this event. The insurer shall also furnish the commissioner with a separate letter within ten business days of the above notification stating whether in the twenty-four months preceding such event there were any disagreements with the former accountant on any matter of accounting principles or practices, financial statement disclosure, or auditing scope or procedure, which disagreements, if not resolved to the satisfaction of the former accountant, would have caused him to make reference to the subject matter of the disagreement in connection with his opinion. The disagreements required to be reported in response to this section include both those resolved to the former accountant's satisfaction and those not resolved to the former accountant's satisfaction. Disagreements contemplated by this section are those that occur at the decision-making level, i.e., between personnel of the insurer responsible for presentation of its financial statements and personnel of the accounting firm responsible for rendering its report. The insurer shall also in writing request such former accountant to furnish a letter addressed to the insurer stating whether the accountant agrees with the statements contained in the insurer's letter and, if not, stating the reasons for disagreement; and the insurer shall furnish such responsive letter from the former accountant to the commissioner together with its own.

#### **NEW SECTION**

WAC 284-07-150 Qualifications of independent certified public accountant. (1) The commissioner shall not recognize any person or firm as a qualified independent certified public accountant that is not in good standing with

the American Institute of Certified Public Accountants and in all states in which the accountant is licensed to practice, or, for a Canadian or British company, that is not a chartered accountant.

- (2) Except as otherwise provided herein, an independent certified public accountant shall be recognized as qualified as long as he or she conforms to the standards of his or her profession, as contained in the Code of Professional Ethics of the American Institute of Certified Public Accountants and the code of professional conduct of the state of Washington board of public accountancy, or similar applicable code.
- (3) No partner or other person responsible for rendering a report may act in that capacity for more than seven consecutive years. Following any period of service such person shall be disqualified from acting in that or a similar capacity for the same company or its insurance subsidiaries or affiliates for a period of two years. An insurer may make application to the commissioner for relief from the above rotation requirement on the basis of unusual circumstances. The commissioner may consider the following factors in determining if the relief should be granted:
- (a) Number of partners, expertise of the partners, or the number of insurance clients in the currently registered firm;
  - (b) Premium volume of the insurer; and
- (c) Number of jurisdictions in which the insurer transacts business.

The requirements of this subsection shall become effective two years after the enactment of this regulation.

- (4) The commissioner shall not recognize as a qualified independent certified public accountant, nor accept any annual audited financial report, prepared in whole or in part by, any natural person who:
- (a) Has been convicted of fraud, bribery, a violation of the Racketeer Influenced and Corrupt Organizations Act, 18 U.S.C. Sections 1961-1968, or any dishonest conduct or practices under federal or state law;
- (b) Has been found to have violated the insurance laws of this state with respect to any previous reports submitted under this rule; or
- (c) Has demonstrated a pattern or practice of failing to detect or disclose material information in previous reports filed under the provisions of this rule.
- (5) The commissioner as provided in RCW 48.02.060 may hold a hearing to determine whether a certified public accountant is qualified and, considering the evidence presented, may rule that the accountant is not qualified for purposes of expressing his or her opinion on the financial statements in the annual audited financial report made pursuant to this regulation and require the insurer to replace the accountant with another whose relationship with the insurer is qualified within the meaning of this regulation.

#### **NEW SECTION**

WAC 284-07-160 Consolidated or combined audits. An insurer may make written application to the commissioner for approval to file audited consolidated or combined financial statements in lieu of separate annual audited financial statements if the insurer is part of a group of insurance companies which utilizes a pooling or one hundred percent reinsurance agreement that affects the

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solvency and integrity of the insurer's reserves and such insurer cedes all of its direct and assumed business to the pool. In such cases, a columnar consolidating or combining worksheet shall be filed with the report, as follows:

- (1) Amounts shown on the consolidated or combined audited financial report shall be shown on the worksheet.
- (2) Amounts for each insurer subject to this section shall be stated separately.
- (3) Noninsurance operations may be shown on the worksheet on a combined or individual basis.
- (4) Explanations of consolidating and eliminating entries shall be included.
- (5) A reconciliation shall be included of any differences between the amounts shown in the individual insurer columns of the worksheet and comparable amounts shown on the annual statements of the insurers.

#### **NEW SECTION**

WAC 284-07-170 Scope of examination and report of independent certified public accountant. Financial statements furnished pursuant to WAC 284-07-130 hereof shall be examined by an independent certified public accountant. The examination of the insurer's financial statements shall be conducted in accordance with generally accepted auditing standards. Consideration should also be given to such other procedures illustrated in the Financial Condition Examiner's Handbook promulgated by the National Association of Insurance Commissioners as the independent certified public accountant deems necessary.

#### **NEW SECTION**

WAC 284-07-180 Notification of adverse financial condition. (1) The insurer required to furnish the annual audited financial report shall require the independent certified public accountant to report, in writing, within five business days to the board of directors or its audit committee any determination by the independent certified public accountant that the insurer has materially misstated its financial condition as reported to the commissioner as of the balance sheet date currently under examination or that the insurer does not meet the minimum capital and surplus requirements of the Washington state insurance code as of that date. An insurer who has received a report pursuant to this subsection shall forward a copy of the report to the commissioner within five business days of receipt of such report and shall provide the independent certified public accountant making the report with evidence of the report being furnished to the commissioner. If the independent certified public accountant fails to receive such evidence within the required five business day period, the independent certified public accountant shall furnish to the commissioner a copy of its report within the next five business days.

- (2) No independent public accountant shall, by virtue of this regulation, be liable in any manner to any person for any statement made in connection with subsection (1) of this section if such statement is made in good faith in compliance with subsection (1) of this section.
- (3) If the accountant, subsequent to the date of the audited financial report filed pursuant to this regulation, becomes aware of facts which might have affected his or her report, the accountant should take such action as is

prescribed in Volume 1, Section AU 561 of the Professional Standards of the American Institute of Certified Public Accountants.

#### **NEW SECTION**

WAC 284-07-190 Report on significant deficiencies in internal controls. In addition to the annual audited financial statements, each insurer shall furnish the commissioner with a written report prepared by the accountant describing significant deficiencies in the insurer's internal control structure noted by the accountant during the audit. SAS No. 60, Communication of Internal Control Structure Matters Noted in an Audit (AU Section 325 of the Professional Standards of the American Institute of Certified Public Accountants) requires an accountant to communicate significant deficiencies (known as "reportable conditions") noted during a financial statement audit to the appropriate parties within an entity. No report should be issued if the accountant does not identify significant deficiencies. If significant deficiencies are noted, the written report shall be filed annually by the insurer with the commissioner within sixty days after the filing of the annual audited financial statements. The insurer is required to provide a description of remedial actions taken or proposed to correct significant deficiencies, if such actions are not described in the accountant's report.

#### **NEW SECTION**

WAC 284-07-200 Accountant's letter of qualifications. The accountant shall furnish the insurer in connection with, and for inclusion in, the filing of the annual audited financial report, a letter stating:

- (1) That the accountant is independent with respect to the insurer and conforms to the standards of his or her profession as contained in the Code of Professional Ethics and pronouncements of the American Institute of Certified Public Accountants and the rules of professional conduct of the Washington board of public accountancy, or similar applicable rules.
- (2) The background and experience in general, and the experience in audits of insurers of the staff assigned to the engagement and whether each is an independent certified public accountant. Nothing within this rule shall be construed as prohibiting the accountant from utilizing such staff as he or she deems appropriate where use is consistent with the standards prescribed by generally accepted auditing standards.
- (3) That the accountant understands the annual audited financial report and the opinion thereon will be filed in compliance with this rule and that the commissioner will be relying on this information in the monitoring and regulation of the financial position of insurers.
- (4) That the accountant consents to the requirements of WAC 284-07-210 and that the accountant consents and agrees to make available for review by the commissioner or his designee the workpapers, as defined in WAC 284-07-210.
- (5) A representation that the accountant is properly licensed by an appropriate state licensing authority and is a member in good standing in the American Institute of Certified Public Accountants.

(6) A representation that the accountant is in compliance with the requirements of WAC 284-07-150.

#### **NEW SECTION**

WAC 284-07-210 Definition, availability, and maintenance of CPA workpapers. (1) Workpapers are the records kept by the independent certified public accountant of the procedures followed, the tests performed, the information obtained, and the conclusions reached pertinent to the examination of the financial statements of an insurer. Workpapers, accordingly, may include audit planning documentation, work programs, analyses, memoranda, letters of confirmation and representation, abstracts of company documents and schedules or commentaries prepared or obtained by the independent certified public accountant in the course of the examination of the financial statements of an insurer and which support the accountant's opinion thereof.

- (2) Every insurer required to file an audited financial report pursuant to this regulation, shall require the accountant to make available for review by the commissioner's examiners, all workpapers prepared in the conduct of the examination and any communications related to the audit between the accountant and the insurer, at the offices of the insurer, at the commissioner's office or at any other reasonable place designated by the commissioner. The insurer shall require that the accountant retain the audit workpapers and communications until the commissioner has filed a report on examination covering the period of the audit but no longer than seven years from the date of the audit report.
- (3) In the conduct of the aforementioned periodic review by the commissioner's examiners, it shall be agreed that photocopies of pertinent audit workpapers may be made and retained by the commissioner's office. Such reviews by the commissioner's examiners shall be considered investigations and all working papers and communications obtained during the course of such investigations shall be afforded the same confidentiality as other examination workpapers generated by the insurance commissioner.

#### **NEW SECTION**

WAC 284-07-220 Exemptions and effective dates.

- (1) Upon written application of any insurer, the commissioner may grant an exemption from compliance with this regulation if the commissioner finds, upon review of the application, that compliance would constitute a financial or organizational hardship upon the insurer. An exemption may be granted at any time and from time to time for a specified period or periods. Within ten days from a denial of an insurer's written request for an exemption from this regulation, such insurer may request in writing a hearing on its application for an exemption. Such hearing shall be held in accordance with the rules and procedures pertaining to administrative hearings.
- (2) Domestic insurers retaining a certified public accountant on the effective date of this regulation who qualify as independent shall comply with this regulation for the year ending December 31, 1992, and each year thereafter unless the commissioner permits otherwise.

- (3) Domestic insurers not retaining a certified public accountant on the effective date of this regulation who qualify as independent may meet the following schedule for compliance unless the commissioner permits otherwise.
- (a) As of December 31, 1992, file with the commissioner:
  - (i) Report of independent certified public accountant;
  - (ii) Audited balance sheet;
  - (iii) Notes to audited balance sheet.
- (b) For the year ending December 31, 1992, and each year thereafter, such insurers shall file with the commissioner all reports required by this regulation.
- (4) Foreign insurers shall comply with this regulation for the year ending December 31, 1992, and each year thereafter, unless the commissioner permits otherwise.

#### **NEW SECTION**

#### WAC 284-07-230 Canadian and British companies.

- (1) In the case of Canadian and British insurers, the annual audited financial report shall be defined as the annual statement of total business on the form filed by such companies with their domiciliary supervision authority duly audited by an independent chartered accountant.
- (2) For such insurers, the letter required in WAC 284-07-140(2) shall state that the accountant is aware of the requirements relating to the annual audited statement filed with the commissioner pursuant to WAC 284-07-120 and shall affirm that the opinion expressed is in conformity with such requirements.

# WSR 92-19-043 PERMANENT RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance)
[Order 3451—Filed September 10, 1992, 11:34 a.m.]

Date of Adoption: September 10, 1992.

Purpose: Allows the department to allocate income of a person in an adult family home to dependents in the home before meeting the needs of the person in AFH. This makes rules consistent with those for a person in other nonmedical institutional care. This amendment corrects manual references to need standards and makes other editorial only changes.

Citation of Existing Rules Affected by this Order: Amending WAC 388-28-500 Allocating income.

Statutory Authority for Adoption: RCW 74.08.090.

Pursuant to notice filed as WSR 92-16-028 on July 28,

Effective Date of Rule: Thirty-one days after filing.
September 10, 1992
Leslie F. James, Director
Administrative Services

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AMENDATORY SECTION (Amending Order 2741, filed 12/21/88)

- WAC 388-28-500 Allocating income. (((1))) The department shall attribute nonexempt net income to the assistance unit of which the person is a member, except in the following situations:
- (((a))) (1) Families with two or more assistance units. The department shall equally divide the total nonexempt net community income, including income in-kind, between the assistance units unless:
- (((i))) (a) The family prefers some other division; and (((ii))) (b) The preferred division does not increase the total amount of assistance, excluding medical care.
- (((b) Applicant)) (2) Person with a nonapplying spouse. The department shall consider:
- (((i))) (a) At least half of the total community income, including income in-kind, available to ((an AFDC applicant)) a person living with a nonapplying spouse;
- (((ii))) (b) Net income from wages, retirement benefits, or separate property of the nonapplying spouse available to the ((applicant)) person to the extent the net income exceeds a one-person payment level:
- (((iii))) (c) Wages or income from separate property of the ((applicant)) person as provided ((in)) under WAC 388-28-365 and 388-28-370.
- (((c) Nonexempt income. The department shall not use exempt income in computing the need of any assistance unit;
- (d))) (3) Nonrelated adults in household. The department shall follow rules in WAC 388-28-355 for nonrelated adults in the household.
- (((2) The department shall apply the rules in subsection (1) of this section to a person in an adult family home or other nonmedical institution.
- (3)) (4) Minor parent with a nonapplying parent or legal guardian. The department shall consider as available to the minor parent, income from a nonapplying parent or a legal guardian((s)) with court order support responsibility.
  - (a) "Minor parent" means a person who:
  - (i) Is seventeen years of age or younger; and
- (ii) Resides in the same household with an adult responsible for the minor parent's support.
- (b) To determine the amount available to the minor parent, the department shall disregard:
- (i) Seventy-five dollars per month for each employed parent or legal guardian;
- (ii) An amount equal to the need standard in WAC 388-29-100 for the following:
- (A) The parents or legal guardians residing in the home; and
- (B) Others living in the home but not in the assistance unit who could be claimed as dependents on the parents' or legal guardians' federal income tax return.
- (iii) Payments by the parents or legal guardians to persons outside the home who could be claimed as dependents on the parents' or legal guardians' federal income tax return; and
- (iv) Child support or alimony payments by the parents or legal guardians to persons outside the home.
- (((4))) (5) Persons in a medical institution, alcohol/drug treatment center, congregate care facility, or adult family home. When a ((recipient)) person in a medical institution,

- alcohol/drug treatment center, ((er)) congregate care facility, or adult family home applies for or receives an AFDC or a ((continuing)) general assistance grant, the department shall allocate income as follows:
- (a) First to the appropriate payment level of <u>the</u> legal dependents in <u>the family home as stated in</u> chapter 388-29 WAC: and
- (b) Then to the needs of the ((recipient)) person according to WAC ((388 34 045, 388 34 085, 388 34 110, 388 34 120, or 388 34 378)) 388-29-125, 388-29-130, 388-29-280, and 388-40-095(1).

## WSR 92-19-044 PERMANENT RULES DEPARTMENT OF AGRICULTURE

[Order 4011—Filed September 10, 1992, 1:45 p.m.]

Date of Adoption: September 9, 1992.

Purpose: To permanently change the expiration date of the food processors license to June 30.

Citation of Existing Rules Affected by this Order: Amending chapter 16-146 WAC.

Statutory Authority for Adoption: RCW 69.07.040. Pursuant to notice filed as WSR 92-15-060 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 9, 1992

Michael V. Schwisow

Deputy Director

AMENDATORY SECTION (Amending Order 2091, filed 7/25/91, effective 8/25/91)

WAC 16-146-100 Food processor license. Licenses to operate a food processing plant or to process food issued under RCW 69.07.040 shall expire on the ((31st)) 30th day of ((March)) June of each year.

AMENDATORY SECTION (Amending Order 2091, filed 7/25/91, effective 8/25/91)

- WAC 16-146-110 Late renewal penalty for food processor license. (1) An additional fee shall be assessed for any license issued under chapter 69.07 RCW for which an application for renewal is not filed prior to ((April)) July 1st in any year.
- (2) Nothing herein shall be construed to limit the department's ability, as otherwise provided by law, to deny a license, to condition license renewal, or to enforce violations of applicable laws, subsequent to the expiration of a license.

# WSR 92-19-047 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:02 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Repeal, amend, and add to chapter 132H-120 WAC, the Student Code of Community College District VIII.

Citation of Existing Rules Affected by this Order: Repealing and amending chapter 132H-120 WAC.

Statutory Authority for Adoption: Chapter 34.05 RCW. Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-14-061 on June 26, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 9, 1992

Carol R. Peterson

Secretary, Board of Trustees

AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-010 Title. This chapter shall ((WAC 132H-120-010 through 132H-120-490 will)) be known as the Student Code ((student code)) of Community College District VIII.

AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-020 Preamble. Bellevue Community College is maintained by the state of Washington for the purpose of providing its students with appropriate learning programs which will facilitate the orderly pursuit and achievement of their educational objectives. The college is dedicated not only to learning and the advancement of knowledge but also to the development of ethically sensitive and responsible persons through policies which encourage independence and maturity.

The student is in the unique position of being a member of the college community and the community at large. Admission to the college carries with it the expectation that:

- (1) Students will respect the laws of the community, state, and nation;
- (2) Adhere to college rules and regulations which assure the orderly conduct of college affairs;
  - (3) Maintain high standards of integrity and honesty;
- (4) respect the rights, privileges, and property of other members of the college community; and
  - (5) Will not interfere with legitimate college affairs.

Bellevue Community College may apply sanctions or take other appropriate action only when student conduct directly and significantly interferes with the college's: (1) Primary educational responsibility of ensuring the opportunity of all members of the college community to attain their educational objectives; ((OF))

(2) Subsidiary responsibilities of protecting property, keeping records, providing services, and sponsoring nonclassroom activities, such as lectures, concerts, athletic events and social functions((; or (3) responsibility to protect the health and safety of persons on college property)).

An atmosphere of learning and self-development is created by appropriate conditions in the college community. The rights, freedoms and responsibilities in this document are critical ingredients toward the free, creative and spirited educational environment to which the students, faculty, and staff of Bellevue Community College are committed.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-030 Definitions. As used in this Student Code of Community College District VIII ((eode of student rights and responsibilities)) the following words and phrases shall mean: (1) "Assembly" means any overt activity engaged in by two or more persons, the object of which is to gain publicity, advocate a view, petition for a cause or disseminate information to any person, persons or groups of persons.

- (2) "Board" means the board of trustees of Community College District VIII, state of Washington.
- (3) "College" means Bellevue Community College located within Community College District VIII, state of Washington.
- (4) "College facilities" means and includes any and all real and personal property owned or operated by the college and shall include all buildings and appurtenances affixed thereon or attached thereto.
- (5) "College personnel" refers to any person employed on a full-time or part-time basis, except those who are faculty members, by Bellevue Community College.
- (6) "Complaint" means any expression of dissatisfaction with the performance of a college employee or procedure.
- (7) (((6))) "Disciplinary action" means and includes expulsion, suspension or any lesser sanction of any student by the dean of student services, ((dean for student services and development,)) the college discipline committee, the president or the board of trustees for the violation of any of the provisions of the student code ((code of student rights and responsibilities)) for which sanctions may be imposed.
- (8) (((7))) "District" means Community College District VIII, state of Washington.
- (9) (((8))) "Faculty members" means any employee of Bellevue Community College who is employed on a full-time or part-time basis as a teacher, counselor, librarian or other position for which the training, experience and responsibilities are comparable as determined by the appointing authority, including administrative appointment.
- (10) (((9))) "President" means the duly appointed chief executive officer of Bellevue Community College, state of Washington, or in his/her absence, the acting chief executive officer
- (11) (((10))) "Recognized student organization" shall mean and include any group or organization composed of students which is formally recognized by the associated students of Bellevue Community College.
- (12) (((11))) A "sponsored event or activity" shall mean any activity that is scheduled by the college and supervised and controlled by the college's faculty members, librarians, counselors, or other college personnel. Such "sponsorship" shall continue only as long as the event is supervised and controlled by the college faculty member, librarian, counselor or other college personnel. When the sponsored event or activity is of prolonged nature, and free time periods are permitted to the students participating in the event, any activity taking place during such a free time

period outside of the supervision and control of the activity shall be deemed to a nonsponsored activity.

(13) (((12))) "Student," unless otherwise qualified, means ((and includes)) any person who is enrolled for classes or has been accepted for admission to the college.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

## AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

- WAC 132H-120-040 Jurisdiction. (1) All rules herein adopted concerning student conduct and discipline shall apply to every student attending a community college within the district whenever said student is present upon or in any college facility, or whenever said student is engaged in or present at any college-related activity whether occurring on or off college facilities.
- (2) Faculty members, other college employees, and members of the public who breach or aid or abet another in the breach of any provision of this chapter shall be subject to
  - (a) possible prosecution under the state criminal law;
- (b) any other civil or criminal liability for which remedies are available to the public; or
- (c) appropriate disciplinary action pursuant to the state of Washington Higher Education Personnel Board or the district's policies and regulations. ((the state criminal trespass law and/or other possible civil or criminal remedies available to the public and/or appropriate action pursuant to the state of Washington higher education personnel board, the district's tenure rules and regulations, or other applicable board policy:))

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

## <u>AMENDATORY SECTION</u> (Amending Order 16, filed 3/15/73)

# WAC 132H-120-050 Student rights and freedoms. The following enumerated rights and freedoms are guaranteed to each student within the ((confines of)) limitations of statutory law and college policies that ((set forth in this chapter which)) are deemed necessary to achieve ((effect)) the educational goals ((objectives)) of the college:

- (1) Academic freedom ((ef expression)).
- (a) Students are guaranteed ((Fundamental to the democratic process are the)) rights of free inquiry, expression ((free speech)) and peaceful assembly upon and within college facilities that are generally open and available to the public. Students and other members of the college community shall always be free to express their views or support causes by orderly means which do not disrupt the regular and essential operation of the college.
- (b) Students have the right of "assembly" as defined in WAC 132H-120-030 upon college facilities that are generally available to the public: Provided,y That such assembly shall:

- (i) (((1))) Be conducted in an orderly manner; and
- (ii) (((2))) Not unreasonably interfere with vehicular or pedestrian traffic; or
- (<u>iii</u>) ((<del>(3)</del>)) Not unreasonably interfere with classes, schedules, meetings, or ceremonies, or with the educational functions of the college; and
- $(\underline{iv})$  (((4))) Not unreasonably interfere with college functions.
- (v) Not cause damage or destruction to college property or private property on the college campus.
- (c) Students are free to pursue appropriate educational objectives from among the college's curricula, programs and services, subject to the limitations of RCW 26B.50.090 (3)(b).
- (d) Students shall be protected from academic evaluation which is arbitrary, prejudiced or capricious, but are responsible for meeting the standards of academic performance established by each of their instructors.
- (e) Students have the right to a learning environment which is free from unlawful discrimination, inappropriate and disrespectful conduct, and sexual harassment.
  - (2) Due process.
- (a) The rights of students to be secure in their persons, quarters, papers and effects against unreasonable searches and seizures is guaranteed.
- (b) No disciplinary sanction may be imposed on any student without notice to the accused of the nature of the charges.
- (c) A student accused of violating this student code is entitled, upon request, to procedural due process as set forth in this chapter.
- (3) Distribution and posting. Students may distribute or post printed or published material subject to official procedures printed and available in the dean of student service's office. All free publications not in violation of state and/or federal laws such as books, magazines, newspapers, handbills, leaflets, or similar materials may be distributed on campus. The college may restrict the distribution of any publications where such distribution unreasonably interferes with college operations. Such materials may be distributed from authorized public areas in the student center and at any outdoor area on campus consistent with the maintenance of college property, with the free flow of traffic and persons, and not in a manner which in itself limits the orderly operation of college affairs. Any person desiring to distribute such publications shall first register with the director of student programs so that reasonable areas and times can be assured and the activities of the institution will not be unduly interfered with. All handbills, leaflets, newspapers, and similarly related matter must bear identification as to the publishing agency and distributing organization or individual.
- (4) Off campus speakers. Recognized student organizations shall have the right to invite outside speakers to speak on campus subject to the availability of campus facilities, funding, and compliance with the college procedures available in the administrative office.
- (5) Incidental sales. Students have the right to engage incidental sales of personal property in a private transaction provided college facilities are not explicitly used for this purpose.

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- (6) Commercial activities. The use of college grounds or facilities for commercial or private gain purposes is prohibited except where commercial activity such as sale of books, instructional supplies, or food contribute to the operation of the instructional program or where limited sale is specifically authorized by the dean of student services for the benefit of the approved activity.
- (7) Fund raising. Student have the right to engage in fund raising activities for nonprofit organizations as recognized by the Internal Revenue Service. All fund raising activities must be approved by the dean of student services.
- (8) Sale of merchandise. All merchandise offered for commercial sale may be sold only through the college bookstore or college food services except when approved by the dean of student services.
- (((c) Freedom of expression in the classroom must be encouraged and protected. It is the responsibility of the instructor to assure the realization of the spirit of free inquiry. The instructor has the responsibility to maintain order, but this authority must not be used to inhibit the expression of views contrary to his own. It is not inconsistent with freedom in the classroom for the instructor to require participation in classroom discussion and/or submission of written materials relevant to the class. Fair and professional academic evaluation is a legitimate classroom experience. It is the responsibility of the student to support the instructor's efforts to assure freedom of expression and to maintain order.))

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

## AMENDATORY SECTION (Amending Order 91, filed 12/16/85)

- WAC 132H-120-200 Student responsibilities. Any student shall be subject to disciplinary action as provided for in this chapter, who either as a principal actor ((or aide)), aider, ((or)) abettor or accomplice as defined in RCW 9A.08.020: (1) Materially and substantially interferes with the personal rights or privileges of others or the education process of the college((;)):
  - (2) Violates any provisions of this chapter; or
- (3) Commits any of the following acts which are hereby prohibited:
- (a) Alcoholic Beverages. Being demonstrably under the influence of any form of alcoholic beverage. Possessing or consuming any form of liquor or alcoholic beverage except as a participant of legal age in a student program, banquet or educational program which has the special written authorization of the college president or his/her ((his)) designee. (See WAC 132H-200-490)
- (b) <u>Controlled Substances</u>. Using, possessing, selling or being under the influence of any narcotic drug or controlled substance as defined in <u>Chapter 69.50</u> ((RCW 69.50)) <u>RCW 101</u> ((101)) <u>as now law or hereafter amended, ((or any 101)) as now law or hereafter amended, (101)</u>

- dangerous drug as defined in RCW 69.50.308 as now law or hereafter amended,)) except when the use or possession of a drug is specifically prescribed as medication by an authorized medical doctor or dentist. For the purpose of this regulation "sale" shall include the statutory meaning defined in RCW 69.50.410 ((RCW 69.04.005)) as now law or hereafter amended.
- (c) <u>Illegal Entry</u>. Entering any locked or otherwise closed college facility in any manner, at any time, without permission of the college employee or agent in charge thereof.
- (d) Forgery or Alteration of Records. Forgery, as defined in RCW 9A.60.010 9A.60.020 as now law or hereafter amended or ((RCW 91.44.010 of)) any district record of instrument or tendering any forged record of instrument to any employee or agent of the district acting in his/her official capacity as such.
- (e) <u>Illegal Assembly</u>. Participation in an assembly which materially and substantially interferes with vehicular or pedestrian traffic, classes, hearings, meetings, the education and administrative functions of the college, or the private rights and privileges of others.
- (f) Malicious Mischief. Intentional ((Intentionally)) or negligent damage to or destruction of ((destroying or damaging)) any college facility or other public or private real or personal property.
- (g) <u>Failure to Follow Instructions</u>. Failure to comply with directions of properly identified college officials acting in performance of their duties.
- (h) Physical Abuse. Physical abuse of any person or conduct which is intended unlawfully to threaten imminent bodily harm or to endanger the health or safety of any person on college-owned or controlled property or at college-sponsored or supervised functions.
- (i) Assault. Assault, reckless endangerment, intimidation or interference upon another person in the manner set forth in RCW 9A.36.010 050 or 28B.10.570 572 as now or hereafter amended.
- (((i) Malicious damage to or malicious misuse of college property, or the property of any person where such property is located on the college campus.))
- (j) <u>Disorderly</u>, abusive, or bothersome conduct. <u>Disorderly</u> or abusive behavior that interferes with the rights of others or which obstructs or disrupts teaching, research, or administrative functions.
- (k) Weapons. Possession or use of firearms, explosives, dangerous chemicals or other dangerous weapons or instrumentalities of the college campus, except for authorized college purposes or for law enforcement officers, unless written approval has been obtained from the dean of student services ((dean of student programs and personnel services;)) or any other person designated by the president.
- (1) Lewd Conduct. Engaging in lewd, indecent or obscene behavior on college-owned or controlled property or at college-sponsored or supervised functions.
- (m) False Alarms. Falsely setting off or otherwise tampering with any emergency safety equipment, alarm or other device established for the safety of individuals and/or college facilities.
- (((m) Being under the influence of liquor or alcoholic beverages or narcotic drugs while on college property or while participating in any college program, class or event or

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while in attendance in any class or college sponsored or supervised activity.))

- (n) Cheating and Plagiarism. Engaging in cheating, stealing, plagiarizing, ((ex)) knowingly furnishing false information to the college, or submitting to a faculty member any work product that the student fraudulently represents as his or her own work for the purpose of fulfilling or partially fulfilling any assignment or task required as part of a program of instruction.
- (o) Sexual harassment. Engaging in unwelcome sexual advances, requests for sexual favors, and other verbal or physical conduct of a sexual nature where such behavior knowingly offends the recipient, causes discomfort or humiliation, or interferes with job or school performance.
- (p) Theft or robbery. Theft or robbery from the district or of another as defined in RCW 9A.56.010 9A.56.050 and 9A.56.100 as now law or hereafter amended.
- (q) Unauthorized Use of Property. Converting college equipment, supplies or other property without proper authority.
- (r) Refusal to provide identification. Refusal to provide positive identification (e.g., valid driver's license or state identification card) in appropriate circumstances to any college employee in the lawful discharge of said employee's duties.
- (s) Smoking. Smoking in any classroom or laboratory, the library, or in any college facility or office posted "no smoking" or any other smoking not complying with Chapter 70.160 RCW.
- (t) False Complaint. Filing a formal complaint falsely accusing another student or college employee with violating a provision of this chapter.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

## AMENDATORY SECTION (Amending Order 91, filed 12/16/85)

WAC 132H-120-220 Responsibility/college discipline committee. The dean of student ((programs and personnel)) services is the college administrator responsible for student discipline. All discipline procedures will be initiated by the dean, who shall have the authority to administer the disciplinary action prescribed in this chapter and to convene the College Discipline Committee. ((and he/she is responsible for assembling all facts on cases referred to his/her office, making provisions for suitable hearings, convening the college discipline committee, notifying students and others concerned, keeping confidential files and reports on cases, following up each discipline case until it is closed, and destroying out of date files on discipline cases.))

The composition of the college discipline committee shall be as follows: The committee shall be established each fall. It will be composed of the following persons:

- (1) A faculty member appointed by the president of the college.
- (2) A member of the faculty, appointed by the president of Bellevue Community College <u>Association of Higher Education.</u> ((professional association.))

- (3) Two representatives selected by the student services <u>cabinet</u>. ((eouncil)).
- (4) Three students. The three students will be appointed by the President of the <u>Associated Students of Bellevue</u> Community College. ((student body association.))

None of the above-named persons shall sit in any case in which he/she has a conflict of interest, is a complainant or witness, has a direct or personal interest, or has acted previously in an advisory capacity. Decisions in this regard, including the selection of alternates, shall be made by the college discipline committee as a whole.

The college discipline committee <u>chair</u> ((ehairman)) will be elected by the members of the college discipline committee.

There shall be a list of alternates provided in the same manner and number in which membership was obtained.

Reviser's note: RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

#### **NEW SECTION**

- WAC 132H-120-225 Disciplinary terms. The following definitions of disciplinary terms have been established to provide consistency in the application of penalties:
- (1) Disciplinary Warning: Formal action censoring a student for violation of college rules or regulations or for failure to satisfy the college's expectations regarding conduct. Disciplinary warnings are always made in writing to the student by the dean of student services. A disciplinary warning indicates to the student that continuation of the specific conduct involved or other misconduct will result in one of the more serious disciplinary actions described below.
- (2) DISCIPLINARY PROBATION: Formal action placing conditions upon the student's continued attendance for violation of college rules or regulations or failure to satisfy the college's expectations regarding conduct. Disciplinary probation warns the student that any further misconduct will make him/her liable to suspension or expulsion from the college. Disciplinary probation may be for a specific term or for an indefinite period.
- (3) Suspension: Formal action dismissing a student temporarily from the college for unacceptable conduct of violation of college rules or regulations. Suspension may be for an indefinite period, but the implication of the action is that the student may eventually return if evidence or other assurance is presented that the unacceptable conduct will not be repeated.
- (4) Summary Suspension: Exclusion from college property and/or classes and other privileges or activities in accordance with WAC-132H-120-404.
- (5) Expulsion: Students may be expelled only on the approval of the president of the college and on the recommendation of the dean of student services or the college discipline committee. The notification expelling a student will indicate, in writing, the term of the expulsion and any conditions which must be met before readmission. There is no refund of fees for the quarter in which the action is taken, but fees paid in advance for a subsequent quarter are to be refunded.

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(6) Registration Denied: Formal action refusing to allow a student to register for subsequent quarters, for violation of college rules or regulations, or failure to satisfy the college's expectations regarding conduct, or failure to fulfill obligations to the college.

Students may be denied registration only on the approval of the president and on the recommendation of the dean of student services or college discipline committee. The initiating authority, in his/her written notification to the student, will detail the reasons for the denial of registration and the conditions to be met before registration will be allowed. Registration may be denied for a fixed or indefinite period. Future registration will not be allowed until the initiating authority is satisfied that the conditions have been met.

(7) Restitution: Reimbursement for damage to or misappropriation of property. This may take the form of appropriate service or other compensation.

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### **NEW SECTION**

WAC 132H-120-235 Initial disciplinary proceedings. (1) All disciplinary proceedings will be initiated by the dean of student services or his or her designated representative. The student may be placed on suspension pending commencement of disciplinary action, pursuant to the conditions set forth in WAC 132H-120-405.

- (2) Any student accused of violating any provision of the rules of conduct shall be called for an initial meeting with the dean of student services or his or her designated representative. The student will be informed in writing of what provision or provisions of the rules of conduct he/she is charged with violating, and what appears to be the range of penalties, if any, which might result from initiation of disciplinary proceedings.
- (3) After considering the evidence in the case and interviewing the accused student, if the accused student has appeared at the scheduled conference, the dean may take any of the following actions:
- (a) Terminate the proceeding, exonerating the student or students;
- (b) dismiss the case after whatever counseling and advice the dean deems appropriate;
- (c) impose verbal warning to student directly, not subject to the student's right of appeal as provided in this chapter;
- (d) impose additional sanctions of reprimand, probation, suspension or dismissal, subject to the student's right of appeal as provided in the following provisions.

#### **NEW SECTION**

WAC 132H-120-245 Appeals of disciplinary action generally. (1) Appeals contesting any disciplinary action may be made by the student(s) involved. Such appeals shall be made in the following order:

(a) Disciplinary action taken by the dean of student services or his or her designee(s) may be appealed to the

discipline committee, which may, at the request of the dean, hear the case de novo.

- (b) Disciplinary recommendations made by the discipline committee may be appealed by the student to the president of the college. The president shall review the record of the proceedings which give rise to the appeal, as well as the recommendations made by the dean and the discipline committee. The president's decision shall be final.
- (2) Any appeal by a student receiving a disciplinary sanction must meet the following conditions:
- (a) The appeal must be in writing and must clearly state errors in fact or matters in extenuation or mitigation which justify the appeal; and
- (b) the appeal must be filed with twenty-one (21) calendar days from the date on which the student was notified that disciplinary action was being taken.
- (3) All decisions shall be sent from the office of the dean to the president. Written decisions shall include the signature of the discipline committee chair. Copies shall be sent to the president of the college or his or her designee and the student involved in the proceeding.

**Reviser's note:** The unnecessary underscoring in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-300 Discipline committee procedure. ((procedural guidelines)) (1) The discipline committee shall conduct a hearing within twenty (20) calendar days after disciplinary action has been referred to the committee.

- (2) When a person is charged with an offense punishable by suspension, or dismissal of his or her relationship with the institution, and where the person
- (a) waives the opportunity for a brief adjudicative proceeding, or
- (b) by his/her conduct in the judgment of the hearing officer makes it impossible to conduct a brief adjudicative proceeding, or
- (c) is dissatisfied with the results of the brief adjudicative proceeding; that person is entitled to an adjudicative proceeding according to the provisions of RCW 34.05.410 and the guidelines of this chapter. Where an adjudicative proceeding is neither required by law nor requested by the student or the college, the matter may be resolved informally. Brief adjudicative proceedings before the discipline committee shall be conducted in any manner which will bring about a prompt, fair resolution of the matter. (((1) The college discipline committee will hear, de novo, and make recommendations to the president of the college on all disciplinary cases referred to it by the dean for student services and development or his designee.
- (2) The student has a right to a fair and impartial hearing before the college discipline committee on any charge on violating specific provisions of the student code of Community College District VIII. The student's failure to cooperate with the hearing procedures hereinafter outlined, however, shall not preclude the college discipline committee from making its findings of fact, conclusions and recommendations as provided hereafter. Failure by the student to cooperate may be taken into consideration by the

college discipline committee in recommending to the president the appropriate disciplinary cation.))

- (3) ((The student shall be given)) Written notice of the time and place of his hearing before the college discipline committee, shall ((and)) be given to the student by personal service or certified mail ((afforded)) not less than twenty (20) calendar days((²)) in advance of the hearing. The ((notice thereof. Said)) notice shall be issued by the Dean of Student Services and shall contain:
- (a) A statement of the time, place and nature of the disciplinary proceedings; ((proceeding.))
- (b) A statement of the charges ((against him)) including reference to the particular sections of the student code involved; and((-))
- (c) To the extent known, a ((A)) list of witnesses who will appear and a summary description of any documentary or other physical evidence that will be presented by the college at the hearing.
  - (4) The student shall be entitled to:
- (a) hear and examine the evidence against him or her and be informed of the identity of its source; ((he shall be entitled to))
- (b) present evidence in his <u>or her</u> own behalf and <u>to</u> cross-examine witnesses testifying <u>on behalf of the college</u> ((against him)) as to factual matters.
- (c) take depositions upon oral examination or written interrogatories. Discovery shall be done according to the rules of civil procedure or by a less formal method where all parties agree.
- (5) The student shall have all authority possessed by the college to obtain information he/she specifically describes, in writing, and tenders to the dean of ((for)) student services ((and development)) no later than three 3 days prior to the hearings, or request the presence of witnesses or the production of other evidence relevant to the issues of the hearings.
- (6) The student shall have the right to dismiss a member of the college discipline committee on prejudicial grounds if notice is tendered in writing to the dean of ((for)) student services ((and development)) at least three 3 days prior to the scheduled hearing.
- (7) (((5))) The student may be represented by counsel of his <u>or her</u> choice at the disciplinary hearing. If the student elects to choose a duly licensed attorney as his <u>or her</u> counsel, he <u>or she</u> must tender <u>at least seven (7) calendar</u> ((3)) days' notice thereof to the dean of ((for)) student services ((and development)).
- (8) (((6))) In all disciplinary proceedings the college may be represented by the dean of ((for)) student services ((and development)) or his or her designee who shall present the college's case to the college discipline committee. ((In the event the student elects to be represented by a licensed attorney, the)) The dean of ((for)) student services ((and development)) may elect to have the college represented by an assistant attorney general.
- (9) ((<del>(7)</del>)) An adequate <u>record</u> ((summary)) of the hearing shall be maintained and shall include:
  - (a) all documents, motions, and intermediate rulings;
  - (b) evidence received and considered;
  - (c) a statement of matters noticed; and
- (d) questions and offers of proof, objections and rulings thereon. ((all the evidence and facts presented to the college

- discipline committee during the course of the proceeding shall be taken. A copy thereof shall be available at the office of the dean for student services and development.))
- (10) ((8)) The <u>chair</u> ((ehairman)) of the college discipline committee shall preside at the disciplinary hearing and shall be considered the presiding officer. ((, and make rulings on all evidentiary procedural matters heard in the course of the disciplinary hearing.))
- (11) The dean of student services shall designate a recorder to take notes during the hearing and to prepare a written summary of all evidence, facts and testimony presented to the college discipline committee during the course of the hearing.
- (12) (((9))) Hearings conducted by the college disciplinary committee generally will be held in closed session, provided that the accused ((except when a)) student may request the hearing to be held in open session. ((requests that persons other than those directly involved be invited to attend.))
- (13) If at any time during the conduct of a hearing visitors disrupt ((invited guests are disruptive)) the proceedings, the chair ((ehairman)) of the committee may exclude such persons from the hearing room.
- (14) (((10))) Any student attending the hearing ((as an invited guest)) who continues to disrupt the ((said)) proceedings after the chair ((chairman)) of the committee has asked him or her to cease or to leave the hearing room. ((and desist thereof,)) shall be subject to disciplinary action.
- (((11) Only those matters presented at the hearing in the presence of the accused student, except where the student fails to attend after receipt of proper notice, will be considered in determining whether the college discipline committee has sufficient cause to believe that the accused student is guilty of violating specific provisions of the student code that he is charged with having violated.
- (12) The chairman of the college discipline committee shall, in the course of presiding at the disciplinary hearing, give effect to the rules of privilege recognized by law and exclude incompetent, irrelevant, immaterial and unduly repetitious evidence.))

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### **NEW SECTION**

# WAC 132H-120-305 Evidence admissible in hearings. (1) Only those matters presented at the hearing, in the presence of the accused student (except where the student fails to attend after receipt of proper notice) will be considered in determining whether the discipline committee has sufficient cause to believe that the accused student is guilty of violating the rules he or she is charged with having

(2) The presiding officer of the discipline committee shall, in the course of presiding at the disciplinary hearing, give effect to the rules of privilege recognized by law and

violated. Hearsay evidence is admissible in the hearing.

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exclude incompetent, irrelevant, immaterial and unduly repetitious evidence.

(3) Evidence or testimony to be offered by or on behalf of the student in extenuation or mitigation shall not be presented or considered until all substantive evidence or testimony has been presented.

AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-310 Decision by the college discipline committee. (1) Upon conclusion of the disciplinary hearing, the college discipline committee shall consider all the evidence therein presented and decide by majority vote whether to uphold the decision of the dean of student services or to recommend to the president any of the following actions:

- (a) That the college terminate the proceedings and exonerate the student or students:
- (b) That the college impose any of the disciplinary actions as provided in this chapter. ((WAC 132H-120-350 disciplinary terms.))
- (2) Within seven calendar days, the ((The)) student will be provided with a copy of the college discipline committee's findings of fact and conclusions regarding what occurred, whether the student ((did violate)) violated any provision of the student code)) and recommendation for the final disposition of the matter at issue. ((eode-)) The committee shall also advise the student of his/her rights to present, within twenty-one (21) ((7)) calendar days, a written statement to the president of the college appealing the recommendation of the college discipline committee.

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

#### **NEW SECTION**

WAC 132H-120-335 Final appeal. Any student who is aggrieved by the finding or conclusions of an appeal to the discipline committee may appeal the same in writing to the president within twenty-one (21) days following notification to the student of the action taken by the committee. The president may, at his or her discretion, suspend the disciplinary actions imposed. In the consideration of such an appeal, the president shall base his or her findings and decision solely on the official written record of the case and on any reports or recommendations of the discipline committee and/or the dean who conducted the original hearing.

Reviser's note: The unnecessary underscoring in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

AMENDATORY SECTION (Amending Order 91 [16], filed 3/15/73)

WAC 132H-120-350 Readmission after expulsion. Any student expelled from the college may be readmitted only on written petition to the office which initiated the action resulting in his expulsion. Such petitions must indicate how specified conditions have been met and if the term of the expulsion has not expired, any reasons which support a reconsideration of the matter. Because the president of the college participates in all disciplinary actions expelling students from the college, decisions on such petitions for readmission must be reviewed and approved the president before readmission is granted. The president shall render a decision in writing to the student.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

AMENDATORY SECTION (Amending Order 91, filed 12/16/85)

WAC 132H-120-360 Reporting, recording and maintenance of records. Records of all disciplinary cases shall be kept in the office of the dean of ((for)) student ((programs and personnel)) services. Except in proceedings wherein the student is exonerated, all documentary or other physical evidence produced or considered in disciplinary proceedings and all recorded testimony shall be preserved for not more than five (5) years. No record of proceedings wherein the student is exonerated, other than the fact of exoneration, shall be maintained in the student's file or other college repository after the date of the student's graduation.

Reviser's note: RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

#### **NEW SECTION**

WAC 132H-120-405 Summary suspension proceedings. (1) If a dean or his or her designee(s) has cause to believe that any student (a) has committed a felony; or (b) has violated any provision of this chapter; and (c) presents an imminent danger either to himself or herself, other persons on the college campus or to the educational process; that student shall be summarily suspended and shall be notified by certified and regular mail at the student's last known address, of shall be personally served. Summary suspension is appropriate only where (c) of this subsection can be shown, either alone or in conjunction with (a) or (b) of this subsection.

AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-410 Permission to enter or remain on campus. During the summary suspension period, ((this 3 day period)) the suspended student shall not enter any

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campus of District No. VIII other than to meet with the dean of ((for)) student services ((and development)) or to attend the hearing. However, the dean of ((for)) student services ((and development)) or the college president may grant the student special permission to enter a campus for the express purpose of meeting with faculty, staff, or students in preparation for a probable cause hearing.

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

## AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

- WAC 132H-120-420 Notice of summary suspension proceedings. (1) When the president or his/her designee exercises the authority to summarily suspend a student, he/she shall cause notice thereof to be served upon that student by registered or certified mail at the student's last known address, or by causing personal service of such notice upon that student.
- (2) The notice shall be entitled "notice of summary suspension proceedings" and shall state:
- (a) The charges against the student including reference to the provisions of the <u>student code of Bellevue Community College District VIII or the law</u> ((code of student rights and responsibilities)) involved; and
- (b) That the student charged must appear before the dean of ((for)) student services ((and development)) at a time specified in the notice for a hearing as to whether probable cause exists to continue the summary suspension. The hearing shall be held as soon as practicable after the summary suspension ((for a further period not to exceed 10 days)).

Reviser's note: RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

## AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-430 Procedures of summary suspension hearing. (1) The summary suspension hearing shall be considered an emergency adjudicative proceeding. The proceeding must be conducted as soon as practicable with the dean of student services presiding.

(2) ((1)) At the summary suspension hearing, the dean of student services ((dean for student services and development)) shall determine whether there is probable cause to believe that continued suspension is necessary and/or whether some other disciplinary action is appropriate. ((the student's presence on campus would endanger the student's physical or emotional safety and well being, or the safety and well being of the other college community members, or the safety and well being of the college property. In the course of making such a decision, the dean for student services and development may consider the sworn affidavits or oral testimonies of persons who have alleged that the student or students charged has committed a violation of law or of provisions of the student code and

the oral testimony and affidavits submitted by the student charged.))

**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

### AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

- WAC 132H-120-440 Decision by the dean of ((for)) student services ((and development)). If the dean of (for) student services ((and development)), following the conclusion of the summary suspension proceedings, finds that there is probable cause to believe that:
- (1) The student against whom specific violations of law or of provisions of this chapter ((the code of student rights and responsibilities)) are alleged has committed one or more of such violations upon any college facility; and
- (2) That summary suspension of said student is necessary for the protection of the student, other students or persons on college facilities, college property, the educational process, or to restore order to the campus, and ((under the provisions of WAC 132H 120 400 summary suspension rules; and))
- (3) Such violation or violations of the law or of provisions of <u>this chapter</u> ((the code of student rights and responsibilities)) constitute grounds for disciplinary action, then the dean of ((for)) student services ((and development)) may, with the written approval of the <u>president</u> ((president)), continue to suspend such student from the college ((college)) and may impose any other disciplinary action appropriate.

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

Reviser's note: RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

## AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

- WAC 132H-120-450 Notice of suspension. (1) A ((If a)) student who is suspended or otherwise disciplined pursuant to the above rules((, he)) shall be provided with a written copy of the dean of ((for)) student service's ((and development's)) findings of fact and conclusions, as expressly concurred in by the president, which constituted probable cause to believe that the conditions for summary suspension existed.
- (2) The student suspended pursuant to the authority of this rule shall be served a copy of the notice of suspension by personal service or by registered mail((. Notice by mail shall be sent)) to said student's last known address((-)) within three (3) working days following the conclusion of the summary suspension hearing. ((The suspension, following the hearing shall be effective for no more than 10 days.))
- (3) The notice of suspension shall state the duration of the suspension or nature of other disciplinary action and the conditions under which the suspension may be terminated.

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**Reviser's note:** RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

AMENDATORY SECTION (Amending Order 16, filed 3/15/73)

WAC 132H-120-460 Suspension for failure to appear. The dean of student services is authorized to enforce the suspension of the summarily suspended student in the event the student has been served pursuant to the notice requirement and fails to appear at the time designated for the summary suspension proceeding. ((If the student against whom specific violations of provisions of the code of student rights and responsibilities have been alleged has been served pursuant to the notice required and then fails to appear at the time designated for the summary suspension proceedings, the dean for student services and development may, with the written concurrence of the president, suspend the student from college for no more than 10 days.))

#### **NEW SECTION**

WAC 132H-120-475 Appeals from summary suspension hearing. Any student aggrieved by an order issued at the summary suspension proceeding may appeal to the discipline committee. No such appeal shall be entertained, however, unless (a) the student has first appeared at the student hearing in accordance with WAC 132H-120-430; (1) the student has been officially notified of the outcome of the hearing;

- (2) summary suspension or other disciplinary sanction has been upheld; and
- (3) the appeal conforms to the standards set forth in WAC-132H-120-245(2).

The discipline committee shall, within five (5) working days, conduct a formal hearing in the manner described in WAC-132H-120-300.

**Reviser's note:** The unnecessary underscoring in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### **REPEALER**

The following sections of the Washington Administrative Code are repealed:

WAC 132H-120-062	Student grievance procedures—
	Purpose and scope
WAC 132H-120-070	Confidentiality of student
	records
WAC 132H-120-072	Definition of a student
WAC 132H-120-073	Education records—Student's
	right to inspect
WAC 132H-120-075	Requests and appeal procedures
WAC 132H-120-077	Release of personally
	identifiable records.
WAC 132H-120-078	College records
WAC 132H-120-079	Records committee

WAC 132H-120-080	Freedom of association and organization
WAC 132H-120-090	Student participation in college governance
WAC 132H-120-100	Freedom of individual privacy
WAC 132H-120-110	Commercial and promotional activities
WAC 132H-120-120	Distribution and posting of campus literature
WAC 132H-120-130	Campus speakers
WAC 132H-120-205	Application for utilization of alcoholic beverages
WAC 132H-120-240	Initial proceedings
WAC 132H-120-240	Appeals
WAC 132H-120-320	The president's review
WAC 132H-120-330	Appeals
WAC 132H-120-340	Disciplinary terms
WAC 132H-120-400	Initiation of summary suspension proceedings
WAC 132H-120-470	Appeal
WAC 132H-120-480	Summary suspension proceedings not duplicitous
WAC 132H-120-490	Procedural guidelines for liquor policy implementation

**Reviser's note:** The repealer above appears as filed by the agency pursuant to RCW 34.08.040; however, the reference to WAC 132H-120-240 Initial proceedings is probably intended to be to WAC 132H-120-230 Initial proceedings.

## WSR 92-19-048 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:03 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Repeal chapter 132H-200 WAC, General operating policies.

Citation of Existing Rules Affected by this Order: Repealing chapter 132H-200 WAC.

Statutory Authority for Adoption: Chapter 34.05 RCW. Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-15-062 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 9, 1992 Carol R. Peterson

Secretary, Board of Trustees

#### REPEALER

Chapter WAC 132H-200

# WSR 92-19-049 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:05 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Establish new chapter 132H-133 WAC, Organization and general operating policies of Community College District VIII.

Statutory Authority for Adoption: Chapter 34.05 RCW. Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-15-063 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 9, 1992

Carol R. Peterson

Secretary, Board of Trustees

# Chapter 132H-133 WAC Organization and general operating policies of community college district VIII

WAC

132H-133-010 Title 132H-133-020 Purpose

132H-133-040 Organization/operation information

132H-133-050 Commercial activity policy

#### [NEW SECTION]

WAC 132H-133-010 Title. WAC 132H-133-010 through WAC 132H-133-150 shall be known as the organization and general operating policies of Community College District VIII.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### [NEW SECTION]

WAC 132H-133-020 Purpose. To incorporate those policies that pertain to the campuswide community and not otherwise incorporated in the Washington Administrative Code of Community College District VIII.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

#### [NEW SECTION]

WAC 132H-133-040 Organization/operation information. (1) Organization: Bellevue Community College, Community College District VIII is established in Title 28B.RCW as a public institution of higher education. The institution is governed by a five-member board of trustees, appointed by the governor. The board employs a president, who acts as the chief executive officer of the institution. The president establishes the structure of the administration.

(2) Operation: The administrative office is located at the following address: 3000 Landerholm Circle, S.E., Bellevue, Washington 98007-6484. Educational operations

are also located at the following address: 14844 S.E. 22nd Street, Bellevue, Washington 98007-6484. The office hours are 8:00 a.m. to 5:00 p.m., Monday, through Friday, except legal holidays. During the summer months the college operates on an alternate schedule and throughout the year, some evening services are provided. Specific information is available through the college public information office.

(3) Additional and detailed information concerning the educational offerings may be obtained from the catalog, copies of which are available at the following address: Bookstore, 3000 Landerholm Circle, S.E., Bellevue, Washington 98007-6484.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### [NEW SECTION]

WAC 132H-133-050 Commercial activity policy. The mission of Community College District VIII, Bellevue Community College, is to provide comprehensive educational programs of the highest quality as provided for in the Community College Act of 1967. These programs will be responsive to the changing needs of the communities and the students served by our district and will be accessible to all those seeking to continue their education.

To promote the mission of Bellevue Community College it is often necessary to engage in commercial activities that provide goods and services that meet special needs of students, faculty, staff and members of the public participating in college activities and events.

Chapter 97 of the Washington Laws of 1987 establishes standards for institutions of higher education to follow in conducting commercial activities. The purpose of these laws is to require institutions of higher education to define the legitimate purposes under which commercial activities may be approved by a college or university and to establish mechanisms for review of such activities. The purpose of the policy statement and standards that follow are to assure that Bellevue Community College pursues commercial activities in compliance with chapter 97, Laws of 1987 and that all commercial activities of the college serve the mission of the college.

- (1) POLICY STATEMENT. Bellevue Community College may engage in the providing of goods, services, or facilities for a fee only when such are directly and substantially related to the educational mission of the college. Fees charged for goods, services and facilities shall reflect their full direct and indirect costs, including overhead. They shall also take into account the price of such items in the private marketplace.
- (2) APPROVAL AND REVIEW OF COMMERCIAL ACTIVITIES. The dean of administrative services shall be responsible for the approval of new commercial activities and the periodic review of existing ones. It shall be the responsibility of this officer to assure that each commercial activity meets the criteria established for commercial

activities of the college. Proposals for new or altered services shall be approved by the dean of administrative services prior to implementation.

- (3) CRITERIA FOR COMMERCIAL ACTIVITIES SERVING MEMBERS OF THE CAMPUS COMMUNITY. Each of the following criteria shall be used in assessing the validity of providing goods or services to members of the campus community:
- (a) The goods or services are substantially and directly related to the mission of the college.
- (b) Provision of the goods, services or facilities on campus represents a special convenience to the campus community or facilitates extracurricular activities.
- (c) Fees charged for the goods, services or facilities shall take into account the full direct and indirect costs, including overhead. They shall also reflect the costs of such items in the private marketplace.
- (d) Procedures adequate to the circumstances shall be observed to ensure that the goods and services are provided only to persons who are students, faculty, staff, or invited
- (4) CRITERIA FOR PROVIDING COMMERCIAL ACTIVITIES TO THE EXTERNAL COMMUNITY.
- (a) The goods or services provided relate substantially to the mission of the college and are not commonly available or otherwise easily accessible in the private marketplace and for which there is a demand from external community.
- (b) Fees charged for the goods, services, or facilities shall take into account the full direct and indirect costs, including overhead. They shall also reflect the price of such items in the private marketplace.
- (5) Definitions and limitations. "Commercial activity" means an activity which provides a product or service for a fee which could be obtained from a commercial source. This definition shall be used to determine which activities shall be governed by this policy except that this policy shall not apply to:
- (a) The initiation of or changes in academic or vocational programs of instruction in the college's regular, extension, evening or continuing education programs;
- (b) Fees for services provided in the practicum aspects of instruction;
- (c) Extracurricular programs, including food services, athletic and recreational programs, and performing arts programs.

Reviser's note: The bracketed material preceding the section above was supplied by the code reviser's office.

#### WSR 92-19-051 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:13 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Establish new chapter 132H-121 WAC, General conduct.

Statutory Authority for Adoption: Chapter 34.05 RCW.

Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-15-065 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing. September 9, 1992 Carol R. Peterson Secretary, Board of Trustees

#### Chapter 132H-121 WAC General conduct

WAC

132H-121-010 **Smoking** 

#### **NEW SECTION**

WAC 132H-121-010 Smoking. It shall be the policy of Bellevue Community college, consistent with its efforts to promote wellness, fitness, and a campus environment conducive to work, study, and activities for staff, students, and the public, to maintain a smoke/tobacco free indoor campus environment. Use of tobacco products is permitted on campus outside of the buildings; smoking in covered walkways surrounding Main and Upper Campuses shall be restricted to designated smoking areas. Receptacles for smoking materials are provided and are required to be used to maintain litter free campus grounds.

The College recognizes the rights of those who choose to use tobacco and as such does not prohibit the use of tobacco products; it does, however, restrict the use of these materials to areas outside college facilities and vehicles.

#### WSR 92-19-052 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:15 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Amend and add to chapter 132H-136 WAC, Library-media center code.

Citation of Existing Rules Affected by this Order: Amending chapter 132H-136 WAC.

Statutory Authority for Adoption: Chapter 34.05 RCW. Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-15-066 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing. September 9, 1992 Carol R. Peterson Secretary, Board of Trustees

AMENDATORY SECTION (Amending Order 35, filed 10/10/75)

WAC 132H-136-030 Fines. (1) In cases where damage or loss of library material is evident, the offending patron is assessed the replacement cost.

- (2) ((In other instances)) Where library-media materials are retained by the borrower beyond the designated due date, fines are levied as a sanction to effect the prompt return of items which might be in demand by others.
- (3) When materials are not returned, or fines not paid, holds are placed on the transcript records of those involved—only as a sanction to cause the ultimate return of

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library-media material in order to protect the integrity of the library-media collection.

(4) In extreme cases, when expensive or valuable items are involved, the provisions of RCW 27.12.340 may be invoked.

#### **NEW SECTION**

WAC 132H-136-035 Schedule of fines. The college should publish the fines that are to be charged for overdue materials.

Reviser's note: The unnecessary underscoring in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### WSR 92-19-053 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:17 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Establish new chapter 132H-131 WAC, Scholarships and financial aid.

Statutory Authority for Adoption: Chapter 34.05 RCW.

Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-15-067 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing. September 9, 1992

Carol R. Peterson

Secretary, Board of Trustees

#### Chapter 132H-131 WAC Scholarships and financial aid

WAC

132H-131-010 **Scholarships** 132H-131-020 Financial Aid

#### **NEW SECTION**

WAC 132H-131-010 Scholarships. Detailed information concerning the criteria, eligibility, procedures for application and other information regarding scholarships may be obtained at the following address: Bellevue Community College, Attention: Scholarships, 3000 Landerholm Circle S.E., Bellevue, WA 98007-6484.

#### **NEW SECTION**

WAC 132H-131-020 Financial aid. Federal, state and private financial aid applications and information may be obtained at the following address: Bellevue Community College, Attention: Financial Services Office, 3000 Landerholm Circle S.E., Bellevue, WA 98007-6484.

Award of federal and state aid will be made in accordance with applicable federal and state laws and regulations.

#### WSR 92-19-054 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:19 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Establish new chapter 132H-122 WAC.

Withholding services for outstanding debts.

Statutory Authority for Adoption: Chapter 34.05 RCW.

Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-15-068 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing. September 9, 1992 Carol R. Peterson Secretary, Board of Trustees

#### Chapter 132H-122 WAC Withholding services for outstanding debts

#### WAC

132H-122-010 Statement of Policy

132H-122-020 Withholding services for outstanding

debts.

132H-122-030 Appeal of initial order upholding the

withholding of services for

outstanding debts.

#### **NEW SECTION**

WAC 132H-122-010 Statement of policy. The college expects that students who receive services for which a financial obligation is incurred will exercise responsibility in meeting these obligations. Appropriate college staff are empowered to act in accordance with regularly adopted procedures to carry out the intent of this policy, and if necessary to initiate legal action to insure that collection matters are brought to a timely and satisfactory conclusion.

Admission to or registration with the college, conferring of degrees and issuance of academic transcripts may be withheld for failure to meet financial obligations to the college.

#### **NEW SECTION**

WAC 132H-122-020 Withholding services for outstanding debts. (1) Upon receipt of a request for services where there is an outstanding debt owed to the college from the requesting person, the college shall notify the person, in writing by certified mail to the last known address, that the services will not be provided since there is an outstanding debt, and further that until that debt is satisfied, no such services will be provided to the individual.

- (a) The notice shall include a statement to inform the college that he or she has a right to a hearing before a person designated by the president of the college if he or she believes that no debt is owed. The notice shall state that the request for the hearing must be made within twenty-one days from the date of notification.
- (2) Upon receipt of a timely request for a hearing, the person designated by the president shall have the records and files of the college available for review and, at that time, shall hold a brief adjudicative proceeding concerning whether the individual owes or owed any outstanding debts

to the institution. After the brief adjudicative proceeding, a decision shall be rendered by the president's designee indicating whether the college is correct in withholding services and/or applying off-set for the outstanding debt.

- (a) If the outstanding debt is found to be owed by the individual involved, no further services shall be provided.
- (b) Notice of the decision shall be sent to the individual within five days after the hearing.

#### **NEW SECTION**

WAC 132H-122-030 Appeal of initial order upholding the withholding of services for outstanding debts. (1) Any person aggrieved by an order issued under 132H-122-020 may file an appeal with the president. The appeal must be in writing and must clearly state errors in fact or matters in extenuation or mitigation which justify the appeal.

(2) The appeal must be filed within twenty-one days from the date on which the appellant received notification of the order issued under WAC 132H-122-020 upholding the withholding of services for outstanding debts. The president's determination shall be final.

## WSR 92-19-055 PERMANENT RULES BELLEVUE COMMUNITY COLLEGE

[Filed September 10, 1992, 3:21 p.m.]

Date of Adoption: September 8, 1992.

Purpose: Amending chapter 132H-132 WAC, Bellevue Community College calendar.

Citation of Existing Rules Affected by this Order: Amending WAC 132H-132-020.

Statutory Authority for Adoption: Chapter 34.05 RCW. Other Authority: RCW 28B.50.140.

Pursuant to notice filed as WSR 92-15-073 on July 14, 1992.

Effective Date of Rule: Thirty-one days after filing.
September 9, 1992

Carol R. Peterson Secretary, Board of Trustees

AMENDATORY SECTION (Amending Order 17, filed 9/11/73)

wac 132H-132-020 Bellevue Community College calendar. (1) The college calendar for the subsequent year or years will be approved annually by the board of trustees no later than the March ((at the regular December)) board meeting. The calendar will specify both holidays and the instructional days for each of the ((four)) quarters for the ensuing year or years ((and will include holidays)).

- (2) The college calendar for the following year or years will be published ((in the annual catalog)) annually by the President's Office immediately following board approval.
- (3) The public can obtain specific <u>calendar</u> information ((regarding the calendar)) by contacting the college registration office.

## WSR 92-19-057 PERMANENT RULES LOTTERY COMMISSION

[Filed September 11, 1992, 12:45 p.m.]

Date of Adoption: September 11, 1992.

Purpose: To establish the game play rules and criteria for determining winners of Instant Game Nos. 86 ("Black Jack"), 87 ("Double Dribble"), 88 ("Money Tree"); to adopt rules authorizing a "Daily Keno" on-line game; and to amend WAC 315-04-190, the rule on retailer compensation.

Citation of Existing Rules Affected by this Order: Amending WAC 315-04-190.

Statutory Authority for Adoption: RCW 67.70.040.

Pursuant to notice filed as WSR 92-16-101 on August 5, 1992.

Changes Other than Editing from Proposed to Adopted Version: Effective dates of July 1, 1992, were deleted from WAC 315-04-190. The on-line game adopted as chapter 315-35 WAC was proposed as "Daily 80" but was adopted as "Daily Keno."

Effective Date of Rule: Thirty-one days after filing; except for chapter 315-35 WAC which is effective November 8, 1992.

September 11, 1992 Evelyn P. Yenson Director

AMENDATORY SECTION (Amending WSR 91-20-062, filed 9/25/91, effective 10/26/91)

WAC 315-04-190 Compensation. (1) Lottery retailers shall be entitled to a five <u>and one-half</u> percent discount ((from)) on the retail price of the instant game tickets established by rule for each game.

- (2) Effective July 1, 1993, lottery retailers shall be entitled to a six percent discount on the retail price of the instant game tickets established by rule for each game.
- (3) Lottery retailers authorized to sell on-line tickets shall be entitled to a five <u>and one-half</u> percent discount ((from)) on the total of gross on-line ticket sales less on-line ticket cancellations.
- (((3))) (4) Effective July 1, 1993, lottery retailers authorized to sell on-line tickets shall be entitled to a six percent discount on the total of gross on-line ticket sales less on-line ticket cancellations.
- (5) In addition to that discount authorized under subsections (3) and (4) of this section, lottery retailers authorized to sell tickets for the on-line game, lotto, shall be entitled to a one percent discount on the total of gross lotto ticket sales less lotto ticket cancellations where the tickets sold are for a jackpot prize of six million dollars or more.
- (6) Lottery retailers may receive additional compensation through programs including but not limited to additional discounts, retailer games, retailer awards, and retailer bonuses.
- (a) The commission must approve each such program prior to its implementation.
- (b) The director shall establish and publish the procedures necessary to implement any such program approved by the commission prior to initiation of the program.
- (((4))) (7) The lottery, when selling instant or on-line tickets, as a lottery retailer, may use the proceeds from the

((five-percent)) <u>applicable</u> discount ((from)) <u>on</u> the retail price of the tickets sold to pay fees or other charges associated with those sales.

#### **NEW SECTION**

- WAC 315-11-870 Definitions for Instant Game Number 87 ("Double Dribble"). (1) Play symbols: The following are the "play symbols": "\$1.00"; "\$2.00"; "\$7.00"; "\$21.00"; "\$50.00"; and "\$10,000." One of these symbols appears in each of the six blocks under the scratch-off material covering the game play data.
- (2) Play symbol captions: The small printed characters appearing below each play symbol which verify and correspond with that play symbol. The caption is a spelling out, in full or abbreviated form of the play symbol. One and only one of these captions appears under each play symbol. For Instant Game Number 87, the captions which correspond with and verify the play symbols are:

PLAY SYMBOL	<b>CAPTION</b>
\$1.00	ONE DOL
\$2.00	TWO DOL
\$7.00	SVN DOL
\$21.00	TTN DOL
\$50.00	\$FIFTY\$
\$10,000	TENTHOU

- (3) Validation number: The unique nine-digit number on the front of the ticket. The number is covered by latex covering.
- (4) Pack-ticket number: The eleven-digit number of the form 08700001-000 printed on the front of the ticket. The first eight digits of the pack-ticket number for Instant Game Number 87 constitute the "pack number" which starts at 08700001; the last three digits constitute the "ticket number" which starts at 000 and continues through 399 within each pack of tickets.
- (5) Retailer verification codes: Codes consisting of small letters found under the removable covering on the front of the ticket which the lottery retailer uses to verify instant winners of \$25.00 or less. For Instant Game Number 87, the retailer verification code is a three-letter code, with each letter appearing in a varying three of six locations beneath the removable covering and among the play symbols on the front of the ticket. The retailer verification codes are:

VERIFICATION CODE	<u>PRIZE</u>
ONE	\$1.00
TWO	\$2.00
FOR	\$4.00
SVN	\$7.00
FRN	\$14.00
TTN	\$21.00

(6) Pack: A set of four hundred fanfolded instant game tickets separated by perforations and packaged in plastic shrinkwrapping.

#### **NEW SECTION**

WAC 315-11-871 Criteria for Instant Game Number 87. (1) The price of each instant game ticket shall be \$1.00.

- (2) Determination of prize winning tickets: An instant prize winner is determined in the following manner:
- (a) The bearer of a ticket having the following play symbols in any three of the six spots beneath the removable covering on the front of the ticket shall win the following prize:

Three	\$1.00	play symbols - Win	\$1.00
Three	\$2.00	play symbols - Win	\$2.00
Three	\$7.00	play symbols - Win	\$7.00
Three	\$21.00	play symbols - Win	\$21.00
Three	\$50.00	play symbols - Win	\$50.00
Three S	\$10,000	play symbols - Win	\$10,000

- (b) There shall be a latex covered area contiguous to the play area which may inform the ticket holder that the prize won in the play area is doubled. If such a statement is on a ticket, the ticket's prize shall be double the amount won pursuant to (a) of this subsection.
- (3) No portion of the display printing nor any extraneous matter whatever shall be usable or playable as a part of the instant game.
- (4) The determination of prize winners shall be subject to the general ticket validation requirements of the lottery as set forth in WAC 315-10-070, to the particular ticket validation requirements for Instant Game Number 87 set forth in WAC 315-11-872, to the confidential validation requirements established by the director, and to the requirements stated on the back of each ticket.
- (5) A Tee-shirt promotion shall be offered in conjunction with Instant Game Number 87. Players who obtain five tickets containing the message "Tee-shirt" under the latex covering shall be entitled to a free Tee-shirt. Procedures for redemption of the Tee-shirt promotional gifts shall be established by the director.
- (6) Notwithstanding any other provisions of these rules, the director may:
  - (a) Vary the length of Instant Game Number 87; and/or
- (b) Vary the number of tickets sold in Instant Game Number 87 in a manner that will maintain the estimated average odds of purchasing a winning ticket.

#### **NEW SECTION**

WAC 315-11-872 Ticket validation requirements for Instant Game Number 87. (1) A valid instant game ticket for Instant Game Number 87 shall meet all of the following validation requirements as well as all other requirements in these rules and regulations:

- (a) Exactly one play symbol must appear under each of the six rub-off spots on the front of the ticket.
- (b) Each of the six play symbols must have a caption below it and each must agree with its caption.
- (c) The display printing and the printed numbers, letters, and symbols on the ticket must be regular in every respect and correspond precisely with the artwork on file with the director. The numbers, letters, and symbols shall be printed as follows:

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Play Symbols	Play Symbol Font
Captions	Caption Font
Pack-Ticket Number	Validation Font
Validation Number	Validation Font
Retail Verification Code	Validation Font

- (d) Each of the play symbols and its caption, the validation number, pack-ticket number and retailer verification code must be printed in black ink.
- (e) Each of the play symbols must be exactly one of those described in WAC 315-11-870(1) and each of the captions must be exactly one of those described in WAC 315-11-870(2).
- (2) Any ticket not passing all the validation requirements in WAC 315-10-070 and subsection (1) of this section is invalid and ineligible for any prize.

WAC 315-11-880 Definitions for Instant Game Number 88 ("Money Tree"). (1) Play symbols: The following are the "play symbols": "\$1.00"; "\$2.00"; "\$4.00"; "\$8.00"; "\$19.00"; "\$50.00"; and "\$10,000." One of these play symbols appears in each of the nine play spots under the latex covering on the front of the ticket.

(2) Play symbol captions: The small printed characters appearing below each play symbol which verify and correspond with that play symbol. The caption is a spelling out, in full or abbreviated form of the play symbol. One and only one of these captions appears under each play symbol. For Instant Game Number 88, the captions which correspond with and verify the play symbols are:

PLAY SYMBOL	<b>CAPTION</b>
\$1.00	ONE DOL
\$2.00	TWO DOL
\$4.00	FOR DOL
\$8.00	EGT DOL
\$19.00	NIT DOL
\$50.00	\$FIFTY\$
\$500.00	FIVHUND
\$10,000	TENTHOLL

- (3) Validation number: The unique nine-digit number on the front of the ticket. The number is covered by latex covering.
- (4) Pack-ticket number: The eleven-digit number of the form 08800001-000 printed on the front of the ticket. The first three digits are the game identifier. The first eight digits of the pack-ticket number for Instant Game Number 88 constitute the "pack number" which starts at 08800001; the last three digits constitute the "ticket number" which starts at 000 and continues through 399 within each pack of tickets.
- (5) Retailer verification codes: Codes consisting of small letters found under the removable latex covering on the front of the ticket which the lottery retailer uses to verify instant winners of \$25.00 or less. For Instant Game Number 88, the retailer verification codes are three-letter codes, with each letter appearing in a varying three of six locations among the play symbols on the front of the ticket. The retailer verification codes are:

VERIFICATION CODE	PRIZE
ONE	\$1.00
TWO	\$2.00
FOR	\$4.00
EGT	\$8.00
NIT	\$19.00

(6) Pack: A set of four hundred fanfolded instant game tickets separated by perforations and packaged in plastic shrinkwrapping.

#### **NEW SECTION**

#### WAC 315-11-881 Criteria for Instant Game Number

- 88. (1) The price of each instant game ticket shall be \$1.00.
- (2) Determination of prize winning tickets: An instant prize winner is determined in the following manner:

The bearer of a ticket having the following play symbols in any three of the nine spots beneath the removable covering on the front of the ticket shall win the following prize:

Three	\$1.00	play symbols - Win	\$1.00
Three	\$2.00	play symbols - Win	\$2.00
Three	\$4.00	play symbols - Win	\$4.00
Three	\$8.00	play symbols - Win	\$8.00
Three	\$19.00	play symbols - Win	\$19.00
Three	\$50.00	play symbols - Win	\$50.00
Three S	\$500.00	play symbols - Win	\$500.00
Three S	\$10,000	play symbols - Win	\$10,000

- (3) No portion of the display printing nor any extraneous matter whatever shall be usable or playable as a part of the instant game.
- (4) The determination of prize winners shall be subject to the general ticket validation requirements of the lottery as set forth in WAC 315-10-070, to the particular ticket validation requirements for Instant Game Number 88 set forth in WAC 315-11-882, to the confidential validation requirements established by the director, and to the requirements stated on the back of each ticket.
- (5) Notwithstanding any other provisions of these rules, the director may:
  - (a) Vary the length of Instant Game Number 88; and/or
- (b) Vary the number of tickets sold in Instant Game Number 88 in a manner that will maintain the estimated average odds of purchasing a winning ticket.

#### **NEW SECTION**

WAC 315-11-882 Ticket validation requirements for Instant Game Number 88. (1) A valid instant game ticket for Instant Game Number 88 shall meet all of the following validation requirements as well as all other requirements in these rules and regulations.

- (a) Exactly one play symbol must appear in each of the nine play spots under the removable latex covering on the front of the ticket.
- (b) Each of the nine play symbols must have a caption below it, and each must agree with its caption.
- (c) The display printing and the printed numbers, letters, and symbols on the ticket must be regular in every respect and correspond precisely with the artwork on file with the

director. The numbers, letters, and symbols shall be printed as follows:

Play Symbols	Play Symbol Font
Captions	Caption Font
Pack-Ticket Number	Validation Font
Validation Number	Validation Font
Retail Verification Code	Validation Font

- (d) Each of the play symbols and its caption, the validation number, pack-ticket number, and retailer verification code must be printed in black ink.
- (e) Each of the play symbols must be exactly one of those described in WAC 315-11-880(1) and each of the captions must be exactly one of those described in WAC 315-11-880(2).
- (2) Any ticket not passing all the validation requirements in WAC 315-10-070 and subsection (1) of this section is invalid and ineligible for any prize.

#### Chapter 315-35 WAC Daily Keno

#### **NEW SECTION**

WAC 315-35-010 Definitions for Daily Keno. (1) Number: Any play integer from 1 through 80 inclusive.

- (2) Game grid: A field of the 80 numbers found on the play slip.
  - (3) Play: A selection of one to ten numbers.
- (4) Play slip: A mark-sense game card used by players of Daily Keno to purchase a play.

#### **NEW SECTION**

WAC 315-35-020 Price of Daily Keno play. The price of each Daily Keno play shall be \$1.00. A player must use a play slip to purchase a Daily Keno play.

#### **NEW SECTION**

WAC 315-35-030 Play for Daily Keno. A Daily Keno player must use a play slip to purchase a Daily Keno play, selecting from one to ten numbers in each play. Players may choose their numbers by marking a play slip or may have the numbers selected by a random number generator operated by the computer, a method commonly referred to as "quick play." The lottery shall select twenty numbers from one to eighty. A winning play is achieved when the required quantity of the player's numbers match the numbers in the lottery's selection to receive a prize as stated in WAC 315-35-040.

#### **NEW SECTION**

WAC 315-35-040 Prizes for Daily Keno. (1) The prize amounts to be paid to each Daily Keno player who selects a winning combination of numbers shall be as follows:

#### MARK 10 SPOTS:

MILIMBER

MATCHES	ODDS 1:	PRIZE
10	8,911,711.1	\$100,000
9	163,381.3	\$5,000
8	7,384.4	\$500
7	620.6	\$50
6	87.1	\$5
5	19.4	\$2
4	6.7	\$0
3	3.7	\$0
2	3.3	\$0
1	5.5	\$0
0	21.8	\$3
	9.0	

#### MARK 9 SPOTS:

NUMBER MATCHES	ODDS 1:	PRIZE
9	1,380,687.6	\$25,000
8	30,681.9	\$2,500
7	1,690.1	\$100
6	174.8	\$10
5	30.6	\$5
4	8.7	\$1
3	4.0	\$0
2	3.1	\$0
1	4.5	\$0
0	15.6	\$0
	6.5	

#### MARK 8 SPOTS:

NUMBER MATCHES	ODDS 1:	PRIZE
8	230,114.6	\$10,000
7	6,232.2	\$500
6	422.5	\$50
5	54.6	\$5
4	12.2	\$2
3	4.6	\$0
2	3.0	\$0
1	3.7	\$0
0	11.3	\$0
	9.7	

#### MARK 7 SPOTS:

NUMBER MATCHES	ODDS 1:	PRIZE
7	40,979.3	\$2,500
6	1,365.9	\$100
5	115.7	\$10
4	19.1	\$2
3	5.7	\$1
2	3.0	\$0
1	3.1	\$0
0	8.2	\$0
	4.2	

MARK 6 SPOTS:		
NUMBER		
MATCHES	ODDS 1:	PRIZE
6 5	7,752.8	\$1,000
3 4	323.0 35.0	\$40 \$4
3	7.7	\$1
2 1	3.2 2.7	\$0 \$0
0	6.0	\$0 \$0
	6.1	
MARK 5 SPOTS:		
NUMBER		
MATCHES	ODDS 1:	PRIZE
5	1,550.5	\$200
4 3	82.6 11.9	\$17 \$2
2	3.6	\$0
1 0	2.4 4.4	\$0 \$0
U		20
MADY A CDOTS.	10.3	
MARK 4 SPOTS:		
NUMBER MATCHES	ODDS 1:	PRIZE
4	326.4	\$24
3 2	23.1 4.7	\$5 \$1
1	2.3	\$0
0	3.2	\$0
	3.8	
MARK 3 SPOTS:		
NUMBER MATCHES	ODDS 1:	PRIZE
3 2	72.0 7.2	\$16 \$2
1	2.3	\$0
0	2.4	\$0
	6.5	
MARK 2 SPOTS:		
NUMBER MATCHES	ODDS 1:	PRIZE
2	16.6	\$8
1 0	2.6 1.7	\$0 \$0
U	16.6	Φ0
MARK 1 SPOT:	10.0	
NUMBER MATCHES	ODDS 1:	PRIZE
1	4.0	\$2
Ô	1.3	\$0
	4.0	
	1.0	

- (2) The holder of a winning ticket may win only one prize per play in connection with the winning numbers drawn and shall be entitled only to the highest prize won by those numbers.
- (3) In the event any player who holds a winning ticket does not claim the prize won within one hundred eighty days of the drawing in which the prize was won, that player's prize shall be retained in the state lottery account for further use as prizes, pursuant to RCW 67.70.190.
- (4) There shall be no more than \$500,000 paid per game to holders of plays with ten matching spots. If there are more than five plays which each have ten matching spots, \$500,000 shall be divided equally among the play holders thereof.
- (5) Prize payment will be made in accordance with WAC 315-30-030(6).

- WAC 315-35-050 Ticket purchases. (1) Daily Keno tickets may be purchased or redeemed during no less than seventeen hours each day in accordance with a schedule to be determined by the director, provided that on-line retailers shall sell and redeem tickets only during their normal business hours.
- (2) Daily Keno tickets may be purchased only from a lottery retailer authorized by the director to sell on-line tickets.
- (3) Daily Keno tickets shall on the front of the ticket contain the player's selection of numbers, amount wagered, drawing date and validation and reference numbers. The back of the ticket shall contain an estimate of the probability of purchasing a winning ticket, player instructions, player information and signature area, and the ticket serial number.

#### **NEW SECTION**

WAC 315-35-060 Drawings. (1) The Daily Keno drawing shall be held once a day, seven days per week, except that the director may change the drawing schedule or cancel the drawing on a holiday.

- (2) The drawing will be conducted by lottery officials.
- (3) Each drawing shall determine, at random, twenty winning numbers. Any drawn numbers will not be declared winning numbers until the drawing is certified by the lottery. The winning numbers shall be used in determining all Daily Keno winners for that drawing. If a drawing is not certified, another drawing will be conducted to determine actual winners.
- (4) The drawing shall not be invalidated based on the liability of the lottery.

#### **NEW SECTION**

WAC 315-11-860 Definitions for Instant Game Number 86 ("Black Jack"). (1) Play symbols: The following are the "play symbols": "11"; "12"; "13"; "15"; "16"; "17"; "19"; "20"; and "21." One of these play symbols appears in each of the three play spots in the "your hand" column and in each of the three play spots in the "their hand" column in the playfield on the front of the ticket.

(2) Play symbol captions: The small printed characters appearing below each play symbol which verify and correspond with that play symbol. The caption is a spelling out, in full or abbreviated form of the play symbol. One and only one of these captions appears under each play symbol. The number 1, 2, or 3 precedes each play symbol caption to indicate the location of the play symbol in Game 1, Game 2, or Game 3. For Instant Game Number 86, the captions which correspond with and verify the play symbols are:

<b>-</b>	, , ,
PLAY SYMBOL	<b>CAPTION</b>
11	ELEVN
12	TWLVE
13	THRTN
15	FIFTN
16	SIXTN
17	SVNTN
19	NINTN
20	TWNTY
21	TTYON

- (3) Prize symbols: The following are the "prize symbols": "\$1.00"; "\$2.00"; "\$4.00"; "\$8.00"; "\$16.00"; "\$40.00"; and "\$5,000." One of these prize symbols appears for each game (row) in the prize column on the front of the ticket.
- (4) Prize symbol captions: The small printed characters appearing below the prize symbol which verify and correspond with that prize symbol. The caption is a spelling out, in full or abbreviated form, of the prize symbol. Only one caption appears under each prize symbol. The number 1, 2, or 3 precedes each prize symbol caption to indicate the location of the prize symbol in Game 1, Game 2, or Game 3. For Instant Game Number 86, the prize symbol captions which correspond with and verify the prize symbols are:

<u>CAPTION</u>
ONE DOL
TWO DOL
FOR DOL
EGT DOL
SIXTEEN
\$FORTY\$
FIVTHOU

- (5) Validation number: The unique nine-digit number on the front of the ticket. The number is covered with latex.
- (6) Pack-ticket number: The eleven-digit number of the form 08600001-000 printed on the front of the ticket. The first eight digits of the pack-ticket number for Instant Game Number 86 constitute the "pack number" which starts at 08600001; the last three digits constitute the "ticket number" which starts at 000 and continues through 399 within each pack of tickets.
- (7) Retailer verification codes: Codes consisting of small letters found under the removable latex covering on the front of the ticket which the lottery retailer uses to verify instant winners of \$25.00 and less. For Instant Game Number 86, the retailer verification codes are three-letter codes, with each letter appearing in a varying three of six locations beneath the removable covering and among the play symbols on the front of the ticket. The retailer verification codes are:

VERIFICATION CODE	PRIZE
ONE	\$1.00
TWO	\$2.00 (\$2; \$1 and \$1)
FOR	\$4.00 (\$4; \$2, \$1 and \$1)
EGT	\$8.00 (\$4 and \$4)
SXT	\$16.00 (\$16; \$8, \$4 and \$4)

(8) Pack: A set of four hundred fanfolded instant game tickets separated by perforations and packaged in plastic shrinkwrapping.

#### **NEW SECTION**

#### WAC 315-11-861 Criteria for Instant Game Number

- **86.** (1) The price of each instant game ticket shall be \$1.00.
- (2) Determination of prize winning tickets: An instant prize winner is determined in the following manner: The bearer of a ticket having a play symbol in the "your hand" column that is a larger number than the play symbol in the "their hand" column in the same game (row) shall win the prize shown in the prize column for that game (row). The bearer of a ticket having winning play symbols in more than one game (row) shall win the sum of the prizes in each winning game (row). Play symbols in different games (rows) may not be combined to win a prize.
- (3) No portion of the display printing nor any extraneous matter whatever shall be usable or playable as a part of the instant game.
- (4) The determination of prize winners shall be subject to the general ticket validation requirements of the lottery as set forth in WAC 315-10-070, to the particular ticket validation requirements for Instant Game Number 86 set forth in WAC 315-11-862, to the confidential validation requirements established by the director, and to the requirements stated on the back of each ticket.
- (5) Notwithstanding any other provisions of these rules, the director may:
  - (a) Vary the length of Instant Game Number 86; and/or
- (b) Vary the number of tickets sold in Instant Game Number 86 in a manner that will maintain the estimated average odds of purchasing a winning ticket.

#### **NEW SECTION**

WAC 315-11-862 Ticket validation requirements for Instant Game Number 86. (1) In addition to meeting all other requirements in these rules and regulations, a valid instant game ticket for Instant Game Number 86 shall comply with all of the following validation requirements.

- (a) Exactly one play symbol must appear in each of the three play spots in the "your hand" column and in each of the three play spots in the "their hand" column under the latex covering on the front of the ticket.
- (b) Each of the six play symbols must have a caption below and each must agree with its caption.
- (c) Exactly one prize symbol for each of the three games (rows) must appear under the latex covering in the prize column on the front of the ticket.
- (d) Each of the three prize symbols must have a caption below it and each must agree with its caption.
- (e) The display printing and the printed numbers, letters, and symbols on the ticket must be regular in every respect and correspond precisely with the specifications on file with

the director. The numbers, letters, and symbols shall be printed as follows:

Play Symbols Play Symbol Font
Prize Symbols Prize Symbol Font
Captions Caption Font
Pack-Ticket Number Validation Font
Validation Number Validation Font
Retailer Verification Code Validation Font

- (f) Each of the play symbols and its caption, prize symbol and its caption, the validation number, pack-ticket number, and the retailer verification code must be printed in black ink.
- (g) Each of the play symbols must be exactly one of those described in WAC 315-11-860(1); each of the play symbol captions must be exactly one of those described in WAC 315-11-860(2); each of the prize symbols must be exactly one of those described in WAC 315-11-860(3); and each of the prize symbol captions must be exactly one of those described in WAC 315-11-860(4).
- (2) Any ticket not passing all the validation requirements in WAC 315-10-070 and subsection (1) of this section is invalid and ineligible for any prize.

## WSR 92-19-060 PERMANENT RULES DEPARTMENT OF HEALTH

[Order 302—Filed September 11, 1992, 2:40 p.m.]

Date of Adoption: September 4, 1992.

Purpose: Amend WAC to eliminate the need for certified radiologic technologists to maintain an additional certificate as health care assistants to administer diagnostic and therapeutic agents.

Citation of Existing Rules Affected by this Order: Amending WAC 246-926-180.

Statutory Authority for Adoption: RCW 43.70.040. Pursuant to notice filed as WSR 92-15-150 on July 22, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 4, 1992

Mimi L. Fields, MS, MPH

for Kristine M. Gebbie

Secretary

AMENDATORY SECTION (Amending Order 121, filed 12/27/90, effective 1/31/91)

WAC 246-926-180 ((Contrast media administration guidelines)) Parenteral procedures. (1) A certified radiologic ((diagnostie)) technologist may administer ((radiopaque)) diagnostic and therapeutic agents under the direction and immediate supervision of a radiologist if the following guidelines are met:

 $((\frac{1}{1}))$  (a) The radiologic technologist has had the prerequisite training and thorough knowledge of the particular procedure to be performed;

(((2))) (b) Appropriate facilities are available for coping with any complication of the procedure as well as for emergency treatment of severe reactions to the ((contrast))

<u>diagnostic</u> or therapeutic agent itself, including the ready availability of appropriate resuscitative drugs, equipment, and personnel; and

- (((3))) (c) After parenteral administration of a ((radiopaque)) diagnostic or therapeutic agent, competent personnel and emergency facilities shall be available for at least thirty minutes in case of a delayed reaction.
- (2) A certified radiologic technologist may perform venipuncture at the direction and immediate supervision of a radiologist.

# WSR 92-19-061 PERMANENT RULES OFFICE OF INSURANCE COMMISSIONER

[Order R 92-13—Filed September 11, 1992, 3:01 p.m.]

Date of Adoption: September 11, 1992.

Purpose: Effectuate the provisions of RCW 48.20.393 and 48.21.225 by establishing definitions for the exceptions to coverage for mammograms.

Statutory Authority for Adoption: RCW 48.02.060 (3)(a) to effectuate RCW 48.20.393 and 48.21.225.

Pursuant to notice filed as WSR 92-16-093 on August 5, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 11, 1992

Dick Marquardt

Insurance Commissioner
by Allen Morrow

Deputy Insurance Commissioner

#### **NEW SECTION**

WAC 284-50-270 Mammograms—Coverage requirements and exceptions. (1) The purpose of this regulation is to effectuate the provisions of RCW 48.20.393 and 48.21.225, by establishing definitions for the exceptions to coverage for mammograms. This regulation shall apply to every group and individual disability insurance contract, which is delivered or issued for delivery or renewed in this state on or after September 1, 1992, that provides coverage for hospital or medical expenses.

- (2) For the purposes of RCW 48.20.393 and 48.21.225 and this regulation, supplemental contracts covering specified disease shall be defined to mean and include only those contracts or policies which provide benefits to a policyholder only in the event that the policyholder contracts the disease or diseases specifically named in the policy. Also for the purposes of RCW 48.20.393 and 48.21.225 and this regulation, supplemental contracts covering limited benefits shall be defined to mean and include only those contracts providing only one of the following benefits: Hospital indemnity, accident only coverage, dental care, vision care, mental health care, chemical dependency care, pharmaceutical care, and podiatric care.
- (3) Coverage of mammograms may be subject to standard policy provisions applicable to other diagnostic x-ray benefits such as deductible or copayment provisions.

- (4) For purposes of RCW 48.20.393 and 48.21.225 and this regulation, a contract is "renewed" when it is continued beyond the earliest date, after September 1, 1992, upon which, at the insurer's sole option:
- (a) The contract's termination could have been effectuated, for other than nonpayment of premium; or
- (b) The contract could have been amended to add the mammogram coverage, with, if justified, an appropriate rate increase for any increased cost in providing mammogram coverage under the contract.

The failure of the insurer to take any such steps does not prevent the contract from being "renewed." The intent of this section is to bring the mammogram coverage under the maximum number of contracts possible at the earliest possible time, by permitting the insurer to exclude such coverage from only those contracts as to which there exists a right of renewal on the part of the insured without any change in any provision of the contract.

#### WSR 92-19-076 PERMANENT RULES PUGET SOUND

#### AIR POLLUTION CONTROL AGENCY

[Filed September 14, 1992, 4:05 p.m., effective November 1, 1992]

Date of Adoption: September 10, 1992.

Purpose: To adjust maximum civil penalty amount to account for inflation and to adjust notice of construction application fees to cover program costs.

Citation of Existing Rules Affected by this Order: Amending Sections 3.11 and 6.04 of PSAPCA Regulation I. Statutory Authority for Adoption: RCW 70.94.141.

Pursuant to notice filed as WSR 92-16-048 on July 31,

Changes Other than Editing from Proposed to Adopted Version: Section 5.10, Surcharges for Mandatory Training Programs, was not repealed. Section 6.04(i) was not amended.

Effective Date of Rule: November 1, 1992.

September 11, 1992 Gerald Scott Pade Air Pollution Engineer

#### AMENDATORY SECTION

#### **REGULATION I SECTION 3.11 CIVIL PENALTIES**

- (a) Any person who violates any of the provisions of Chapter 70.94 RCW or any of the rules or regulations in force pursuant thereto, may incur a civil penalty in an amount not to exceed ((\$10,000.00)) \$10,300.00 per day for each violation.
- (b) Any person who fails to take action as specified by an order issued pursuant to Chapter 70.94 RCW or Regulations I, II, and III of the Puget Sound Air Pollution Control Agency shall be liable for a civil penalty of not more than

- ((\$10,000.00)) \$10,300.00 for each day of continued noncompliance.
- (c) Within 15 days after receipt of a Notice and Order of Civil Penalty, the person incurring the penalty may apply in writing to the Control Officer for the remission or mitigation of the penalty. Any such request must contain the following:
- (1) The name, mailing address, telephone number, and telefacsimile number (if available) of the appealing party;
- (2) A copy of the Notice and Order of Civil Penalty appealed from:
- (3) A short and plain statement showing the grounds upon which the appealing party considers such order to be unjust or unlawful;
- (4) A clear and concise statement of facts upon which the appealing party relies to sustain his or her grounds for appeal:
- (5) The relief sought, including the specific nature and extent; and
- (6) A statement that the appealing party has read the notice of appeal and believes the contents to be true, followed by the party's signature.

Upon receipt of the application, the Control Officer shall remit or mitigate the penalty only upon a demonstration by the requestor of extraordinary circumstances such as the presence of information or factors not considered in setting the original penalty.

- (d) Any civil penalty may also be appealed to the Pollution Control Hearings Board pursuant to Chapter 43.21B RCW and Chapter 371-08 WAC if the appeal is filed with the Hearings Board and served on the Agency within 30 days after receipt by the person penalized of the notice imposing the penalty or 30 days after receipt of the notice of disposition of the application for relief from penalty.
- (e) A civil penalty shall become due and payable on the later of:
- (1) 30 days after receipt of the notice imposing the penalty;
- (2) 30 days after receipt of the notice of disposition on application for relief from penalty, if such application is made; or
- (3) 30 days after receipt of the notice of decision of the Hearings Board if the penalty is appealed.
- (f) If the amount of the civil penalty is not paid to the Agency within 30 days after it becomes due and payable, the Agency may bring action to recover the penalty in King County Superior Court or in the superior court of any county in which the violator does business. In these actions, the procedures and rules of evidence shall be the same as in an ordinary civil action.
- (g) Civil penalties incurred but not paid shall accrue interest beginning on the 91st day following the date that the penalty becomes due and payable, at the highest rate allowed by RCW 19.52.020 on the date that the penalty becomes due and payable. If violations or penalties are appealed, interest shall not begin to accrue until the 31st day following final resolution of the appeal.
- (h) To secure the penalty incurred under this section, the Agency shall have a lien on any vessel used or operated in violation of Regulations I, II, and III which shall be enforced as provided in RCW 60.36.050.

[41] Permanent

#### AMENDATORY SECTION

(j) Opacity/Grain Loading Correlation [see Section 9.09(e)]

\$1,000.00

#### REGULATION I SECTION 6.04 FILING FEES -NOTICE OF CONSTRUCTION

The Agency shall not commence processing of a Notice of Construction and Application for Approval until it has received a filing fee of \$50.00, plan examination and inspection fees as shown in Table A, and, if offsetting emission reductions are required, an offset analysis fee of \$50.00 per ton with a minimum of \$500.00.

#### TABLE A

Fuel Burning Equipment:

(e) Gasoline Station

(c), (d), or (e) above

(f) Other, not classified in Subsections (a), (b),

Stage 1

Stage 2

Plan Examination and Inspection Fee

\$ 80.00

\$ 100.00

80.00

Million Btu per Hour Input	Installation or Use of	Fuel Change to a Non-
(Design)	Waste-Derived Fuel	Waste-Derived Fuel
less than 5.0	\$ 100.00	\$ 50.00
5.0 or more but less than 10.0	200.00	100.00
10.0 or more but less than 20.0	300.00	150.00
20.0 or more but less than 50.0	400.00	200.00
50.0 or more but less than 100.0	500.00	250.00
100.0 or more but less than 250.0	800.00	400.00
250.0 or more but less than 500.0	1,000.00	500.00
500.0 or more	1,500.00	750.00

(b) Actual Cubic Feet per Minute (ACFM) from control equipment or from uncontrolled process equipment:

less than (( <del>5,000</del> )) 2,000	\$ 100.00
(( <del>5,000</del> )) 2,000 or more but less than	
(( <del>10,000</del> )) 5,000	200.00
((10,000)) 5,000 or more but less than	
(( <del>20,000</del> )) 10,000	300.00
((20,000)) 10,000 or more but less than	
(( <del>50,000</del> )) 20,000	400.00
(( <del>50,000</del> )) 20,000 or more but less than 100,000	500.00
100,000 or more but less than 250,000	800.00
250,000 or more	1.000.00
	1,000.00
(c) Refuse Burning Equipment:	
Rated at 12 tons per day or less	
without hydrochloric acid control apparatus	\$ 200.00
Rated at 12 tons per day or less	
with hydrochloric acid control apparatus	1,000.00
Rated at greater than 12 tons per day but	
less than 250 tons per day	2.000.00
Rated at 250 tons per day or greater	5,000.00
	-,
(d) Storage Tanks, Reservoirs, or Containers, gallons:	
More than 1,000 but less than 4,000	\$ 80.00
More than 4,000 but less than 20,000	160.00
More than 20,000 but less than 40,000	200.00
More than 40,000 but less than 1,000,000	300.00
More than 1,000,000	400.00

Plan examination and inspection fees for Notices of Construction for portable asphalt batch plants or rock crushers being located within the jurisdictional boundaries of the Agency shall be one-half of the above fees; provided that the batch plant or rock crusher was previously inspected and approved by the Agency and no change has been made in the type, model capacity or efficiency of equipment or control apparatus and there has been no change in the air contaminant emission rates.

(h) Toxic Air Contaminant (if ASIL is exceeded) \$ 200.00 Source with Significant Impact \$1,000.00 [see tables in Section 6.08 (b)(8)]

WSR 92-19-082

Register pursuant to the requirements of RCW 34.08.040.

#### PERMANENT RULES **WASHINGTON STATE EMPLOYEE** COMBINED FUND DRIVE COMMITTEE

Reviser's note: The brackets and enclosed material in the text of the

above section occurred in the copy filed by the agency and appear in the

[Filed September 15, 1992, 11:50 a.m.]

Date of Adoption: September 8, 1992.

Purpose: To allow public nonprofit charities to become members in the Washington State Employee Combined Fund Drive.

Citation of Existing Rules Affected by this Order: Amending WAC 240-10-040.

Statutory Authority for Adoption: WAC 240-10-010(7). Other Authority: Executive Order 84-13.

Pursuant to notice filed as WSR 92-16-046 on July 31, 1992.

Effective Date of Rule: Thirty-one days after filing. September 8, 1992 Donald D. Ott Combined Fund Drive Committee Chair

AMENDATORY SECTION (Amending Order 87-1, filed

WAC 240-10-040 Basic standards and criteria for agency membership applicable to all agencies. (1) Basic standards.

- (a) Federal exemption. Each charitable organization must submit a copy of the Internal Revenue Service determination letter indicating that it is an exempt organization under Internal Revenue Code Section 501(c)(3), or is a governmental entity receiving charitable contributions which are entitled to a deduction under Internal Revenue Code Section 170(c)(1). An advance ruling on its exempt status shall meet this requirement.
- (b) Registration and reporting. Each charitable organization shall have registered as a charitable organization with the secretary of state under the provisions of chapter 19.09 RCW (charitable solicitations) and with the attorney general under the provisions of chapter 11.110 RCW (charitable trusts) unless specifically exempt from registration by state law, and shall have filed all required reports within any established time limits.
- (c) Integrity of operations. Each charitable organization must have at least a minimal history of service and demonstrate a real capability to serve. Funds contributed to charitable organizations by state employees must be used for their announced purposes. There shall be no payment of commissions for fund-raising, no mailing of commercial merchandise, and no paid general telephone solicitors.
- (d) Finances. The charitable organization must use standards of accounting and a financial system based on generally accepted accounting principles which includes

Permanent [ 42 ] accounting procedures that would be acceptable to the American Institute of Certified Public Accountants. The committee may require an independent audit by a certified public accountant. The charitable organization must conduct its fiscal operations in accordance with a detailed annual program budget which is prepared and approved at the beginning of each fiscal year by the board of directors. Prior authorizations by the board of directors shall be required for any significant variation from the approved budget. The committee may require that the charitable organization prepare and make available to the general public an annual financial report.

- (e) Nondiscrimination. The charitable organization shall have a policy and procedure of nondiscrimination in regard to race, color, religion, national origin, handicap, age, or sex applicable to persons served by the charitable organization.
- (f) Annual reports. The charitable organization shall prepare an annual report available to the general public which includes a full description of the charitable organization's activities including types of solicitation for contributions, the names of its chief administrative personnel, and a full disclosure of the source and use of contributions.
- (g) Agency organization. The charitable organization must maintain an active local volunteer board of directors, serving without compensation through regular meetings and exercising satisfactory administrative controls in accordance with the agency's articles of incorporation, bylaws, and, preferably, standards adopted by its national or state affiliate: *Provided*, That the "local volunteer board" is exempted for those voluntary charitable health and welfare agencies whose services are rendered exclusively or in substantial preponderance overseas, and which meet all the criteria set forth except for the requirement of direct and substantial presence in the local campaign community.
- (h) Fund-raising costs. Each organization shall disclose to the committee the estimated percentages of the money collected which will be applied to the cost of solicitation and to the charitable purpose. The information thus provided will be disclosed to state employees during the campaign.
- (i) Application deadline. Completed applications must be received before the closing date established annually by the committee.
  - (2) Criteria.
- (a) Service programs. Each charitable agency must have a substantial local presence in a Washington state community with a history of providing programs aimed toward direct services, research, and education in an effort to meet human health, welfare, or social service needs within a Washington state community: *Provided*, That voluntary charitable health and welfare agencies whose services are rendered exclusively or in substantial preponderance overseas, and that meet all the criteria set forth except for the requirement of direct and substantial presence in the local campaign community, shall be eligible for agency membership; and each must be able to comply with integrity and other applicable standards that such services are indeed provided.
  - (b) Participation in eligible federations.
- (i) No charitable organization may participate in more than one eligible federation (umbrella organization) in a county.

- (ii) No charitable organization may participate both individually and as a member of an eligible federation (umbrella organization) within a county.
- (iii) Applications submitted on behalf of eligible federations (umbrella organizations) shall include a certification that all participating constituent agencies meet the basic standards and criteria, and agree to comply with rules and regulations as set forth by the committee.

## WSR 92-19-090 PERMANENT RULES DEPARTMENT OF ECOLOGY

[Order 92-15—Filed September 16, 1992, 10:54 a.m.]

Date of Adoption: September 15, 1992.

Purpose: Adoption of revised shoreline master program into state master program, chapter 173-19 WAC.

Citation of Existing Rules Affected by this Order: Amending WAC 173-19-2521 Seattle, city of.

Statutory Authority for Adoption: RCW 90.58.200, Shoreline Management Act of 1971.

Pursuant to notice filed as WSR 92-16-094 on August 5, 1992.

Changes Other than Editing from Proposed to Adopted Version: Minor modifications were made to provisions for waste water disposal and siting of house barges.

Effective Date of Rule: Thirty-one days after filing.

September 16, 1992

Chuck Clarke

Director

AMENDATORY SECTION (Amending Order 90-35, filed 10/2/90, effective 11/2/90)

WAC 173-19-2521 Seattle, city of. City of Seattle master program approved June 30, 1976. Revision approved March 11, 1977. Revision approved September 10, 1980. Revision approved February 24, 1981. Revision approved May 14, 1981. Revision approved October 1, 1981. Revision approved January 5, 1982. Revision approved February 24, 1983. Revision approved June 7, 1983. Revision approved July 12, 1983. Revision approved October 13, 1983. Revision approved October 13, 1983. Revision approved October 1, 1985. Revision approved October 20, 1986. Revision approved February 11, 1987. Revision approved November 10, 1987. Revision approved October 2, 1990. Revision approved September 16, 1992.

# WSR 92-19-091 PERMANENT RULES CLOVER PARK TECHNICAL COLLEGE

[Filed September 16, 1992, 11:02 a.m.]

Date of Adoption: September 15, 1992.

Purpose: Adoption of new rules for administration of a legislatively created new technical college.

Statutory Authority for Adoption: RCW 28B.50.140.

Other Authority: RCW 42.30.075 and chapter 238, Laws of 1991.

Pursuant to notice filed as WSR 92-12-050 on May 29, 1992.

Effective Date of Rule: Thirty-one days after filing.
September 15, 1992

Philip S. Hayes Chair, Board of Trustees

## Chapter 495C-104 WAC BOARD OF TRUSTEES

#### **NEW SECTION**

WAC 495C-104-010 Time and place of board meetings. The board of trustees shall hold one regular meeting on the third Tuesday of each month at the F.V. Miner Resource Center, Building 15 on the main college campus and such special meetings as may be requested by the chairman of the board or by a majority of the members of the board and announced in accordance with law.

All regular and special meetings of the board of trustees shall be held at 4500 Steilacoom Boulevard Southwest, Tacoma, WA 98499-4098, unless scheduled elsewhere, and are open to the general public, except for lawful executive sessions.

No official business may be conducted by the board of trustees except during a regular or special meeting.

#### **NEW SECTION**

WAC 495C-104-020 Request for items to be placed on board agenda. Anyone, other than a board member or a representative of the president's office wishing an item placed on the agenda of a board meeting, must have a written request in the office of the board secretary no later than twelve o'clock noon fourteen business days before the next scheduled meeting of the board. The secretary will relate the request to the chair of the board as soon as feasible. The chair will determine whether the item is to be placed on the agenda. The chair or designee will notify the individual initiating the request as to whether or not the item will be placed on the agenda.

#### **NEW SECTION**

WAC 495C-104-030 Delegation to college president. The board of trustees delegates to the college president its authority and responsibility to administer Clover Park Technical College District Twenty-Nine in accordance with laws, policies, and rules approved by the board of trustees. At the operational level, the president has final administrative authority over all matters affecting the college district.

## Chapter 495C-108 WAC PRACTICE AND PROCEDURE

#### **NEW SECTION**

WAC 495C-108-010 Adoption of model rules of procedure. The model rules of procedure adopted by the chief administrative law judge pursuant to RCW 34.05.250 are adopted for use at this college. Those rules may be found in chapter 10-08 WAC. Other procedural rules

adopted in this title are supplementary to the model rules of procedure. In the case of a conflict between the model rules of procedure and procedural rules previously adopted by this college, the model rules prevail.

#### **NEW SECTION**

WAC 495C-108-020 Appointment of presiding officers. The president or designee shall designate a presiding officer for an adjudicative proceeding. The presiding officer shall be an administrative law judge, a member in good standing of the Washington State Bar Association, a panel of individuals, the president or designee, or any combination of the above. Where more than one individual is designated to be the presiding officer, the president or designee shall designate one person to make decisions concerning discovery, closure, means of recording adjudicative proceedings, and similar matters.

#### **NEW SECTION**

WAC 495C-108-030 Method of recording. Proceedings shall be recorded by a method determined by the presiding officer, among those available under the model rules of procedure.

#### **NEW SECTION**

WAC 495C-108-040 Application for adjudicative proceeding. An application for adjudicative proceeding shall be in writing. Application forms are available at the following address: 4500 Steilacoom Boulevard Southwest, Tacoma, WA 98499-4098.

Written application for an adjudicative proceeding should be submitted to the above address within twenty calendar days of the agency action giving rise to the application, unless provided for otherwise by statute or rule.

#### **NEW SECTION**

WAC 495C-108-050 Brief adjudicative procedures. This rule is adopted in accordance with RCW 34.05.482 through 34.05.494, the provisions of which are adopted by reference. Brief adjudicative procedures shall be used in all matters related to:

- (1) Residency determinations;
- (2) Challenges to contents of education records;
- (3) Student conduct proceedings;
- (4) Parking violations;
- (5) Outstanding debts owed by students or employees;
- (6) Loss of eligibility for participation in collegesponsored events.

#### **NEW SECTION**

WAC 495C-108-060 Discovery. Discovery in adjudicative proceedings may be permitted at the discretion of the presiding officer. In permitting discovery, the presiding officer shall refer to the civil rules of procedure. The presiding officer may control the frequency and nature of discovery permitted, and order discovery conferences to discuss discovery issues.

WAC 495C-108-070 Procedure for closing parts of the hearings. Any party may apply for a protective order to close part of a hearing. The party making the request shall state the reasons for making the application to the presiding officer. If the other party opposes the request, a written response to the request shall be made within ten working days of the request to the presiding officer. The presiding officer shall determine which, if any, parts of the proceeding shall be closed, and state the reasons in writing within twenty working days of receiving the request.

#### **NEW SECTION**

WAC 495C-108-080 Recording devices. No cameras or recording devices are allowed in those parts of proceedings that the presiding officer has determined shall be closed under WAC 495C-108-070, except for the method of official recording selected by the college.

## Chapter 495C-120 WAC STUDENT CONDUCT CODE

#### **NEW SECTION**

WAC 495C-120-010 Definitions. The definitions set forth in this section apply throughout this chapter.

- (1) "Board" means the board of trustees of Clover Park Technical College.
  - (2) "College" means Clover Park Technical College.
- (3) "Liquor" means the definition of liquor as contained within RCW 66.04.010.
- (4) "Drugs" means a narcotic drug as defined in RCW 69.50.101, a controlled substance as defined in RCW 69.50.201 through 69.50.212, or a legend drug as defined in RCW 69.41.010.
- (5) "College facilities" means the real property controlled or operated by the college and includes all buildings and appurtenances affixed thereon or attached thereto.
- (6) "President" means the chief executive officer of the college appointed by the board of trustees.
- (7) "Disciplinary officials" means the president or designee, including but not limited to, vice-presidents and program directors.
- (8) "Student" means a person who is regularly enrolled at the college.
- (9) "Disciplinary action" means the warning, probation, expulsion, suspension, or reprimand of a student under WAC 495C-120-120 for the violation of a rule adopted in this chapter.

#### **NEW SECTION**

WAC 495C-120-020 Statement of purpose. (1) Clover Park Technical College is maintained by the state of Washington for the provision of programs of vocational instruction for high school students and adults, including necessary related instruction and community services. Like any other institution having its own special purposes, the college must maintain conditions conducive to the effective performance of its functions. Consequently, it has special

expectations regarding the conduct of the various participants in the college community.

- (2) Admission to the college carries with it the prescription that students will conduct themselves as responsible members of the college community. This includes an expectation that the student will obey appropriate laws, will comply with the rules of the college and its departments, and will maintain a high standard of integrity and honesty.
- (3) Sanctions for violations of college rules or conduct that interferes with the operation of college affairs will be dealt with by the college, and the college may impose sanctions independently of any action taken by civil or criminal authorities. In the case of minors, misconduct may be referred to parents or legal guardians.

#### **NEW SECTION**

WAC 495C-120-030 Jurisdiction. All rules in this chapter concerning student conduct and discipline apply to every student enrolled at the college whenever the student is engaged in or present at a college-related activity, whether occurring on or off college facilities.

#### **NEW SECTION**

WAC 495C-120-040 Student misconduct. Disciplinary action may be taken for a violation of any provision of this student code, for a violation of other college rules which may from time to time be properly adopted, or for any of the following types of misconduct:

- (1) Clover Park Technical College facilities are smoke free. Smoking is approved at designated sites;
- (2) The possession, use, sale, or distribution of any illegal drug on the college campus is prohibited. The use of illegal drugs by any student attending a college-sponsored event is also prohibited, even though the event does not take place at the college. The use of alcohol by any student attending such events on college or noncollege property shall conform to state law;
  - (3) Engaging in lewd, indecent, or obscene behavior;
- (4) Where the student presents an imminent danger to college property or to himself or herself or other students or persons in college facilities on or off campus, or to the education process of the college;
- (5) Dishonesty, including cheating, plagiarism, or knowingly furnishing false information to the college;
- (6) The intentional making of false statements or filing of false charges against the college and members of the college community;
- (7) Forgery, alteration, or misuse of college documents, records, funds, or instruments of identification with the intent to defraud;
- (8) Theft from or damage to college premises or property, or theft of or damage to property of a member of the college community or college premises;
- (9) Failure to comply with the direction of college officials acting in the legitimate performance of their duties;
- (10) Possession of firearms, except where approved by state statute.

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WAC 495C-120-045 Loss of eligibility—Student participation. Any student found to have violated chapter 69.41 RCW, legend drugs, by virtue of a criminal conviction or by final decision of the college president shall, in lieu of or in addition to any other disciplinary action which may be imposed, be disqualified from participation in any school-sponsored events or activities.

#### **NEW SECTION**

- WAC 495C-120-050 Civil disturbances. In accordance with provisions contained in RCW 28B.10.571 and 28B.10.572:
- (1) It shall be unlawful for any person, singly or in concert with others, to interfere by force or violence with any employee or student of the college who is in the peaceful discharge or conduct of his duties or studies.
- (2) It shall be unlawful for any person, singly or in concert with others, to intimidate by threat of force or violence any employee or student of the college who is in the peaceful discharge of his duties or studies.
- (3) The crimes described in RCW 28B.10.571 and 28B.10.572 shall not apply to any employee who is engaged in the reasonable exercise of their disciplinary authority.
- (4) Any person or persons who violate the provisions of subparagraphs (1) and (2) above will be subject to disciplinary action and referred to the authorities for prosecution.

#### **NEW SECTION**

WAC 495C-120-060 Free movement on campus. The president or designee is authorized in the instance of any event that he or she deems impedes the movement of persons or vehicles or which he or she deems to disrupt the ingress or egress of persons from the college facilities, to prohibit the entry of, or withdraw the license of, or privileges of a person or persons or any group of persons to enter onto or remain upon any portion of the college facilities.

#### **NEW SECTION**

WAC 495C-120-070 Right to demand identification. For the purpose of determining whether probable cause exists for the application of any section of this code to any behavior by any person on a college facility, any college personnel or other authorized personnel may demand that any person on college facilities produce identification.

#### **NEW SECTION**

- WAC 495C-120-080 Dishonesty/classroom conduct.
  (1) Dishonesty: Honest assessment of student performance is of crucial importance to all members of the college community. Acts of dishonesty are serious breaches of honor and shall be dealt with in the following manner:
- (a) It is the responsibility of the college administration and instructional staff to provide reasonable and prudent security measures designed to minimize opportunities for acts of dishonesty which occur at the college.

- (b) Any student who, for the purpose of fulfilling any assignment or task required by a staff member as part of the student's program of instruction, shall knowingly tender any work product that the student fraudulently represents to the staff member as the student's work product, shall be deemed to have committed an act of dishonesty. Acts of dishonesty shall be cause for disciplinary action.
- (c) Any student who aids or abets the accomplishment of an act of dishonesty, as described in subparagraph (b) above, shall be subject to disciplinary action.
- (d) This section shall not be construed as preventing an instructor from taking immediate disciplinary action when the instructor is required to act upon such breach of dishonesty in order to preserve order and prevent disruptive conduct in the classroom. This section shall also not be construed as preventing an instructor from adjusting the student's grade on a particular project, paper, test, or class grade for dishonesty.
- (2) Classroom conduct: Instructors have the authority to take whatever summary actions may be necessary to maintain order and proper conduct in the classroom and to maintain the effective cooperation of the class in fulfilling the objectives of the course.
- (a) Any student who, by any act of misconduct, substantially disrupts any college class by engaging in conduct that renders it difficult or impossible to maintain the decorum of the class shall be subject to disciplinary action.
- (b) The instructor of each program offered by the college is authorized to take such steps as may be necessary to preserve order and to maintain the effective cooperation of the class in fulfilling the objectives of the program; provided that; a student shall have the right to appeal such disciplinary action to the vice-president for instruction or designee.

#### **NEW SECTION**

WAC 495C-120-090 Campus speakers. (1) Student organizations officially recognized by the college may invite speakers to the campus to address their own membership and other interested students and staff if suitable space is available and there is no interference with the regularly scheduled program of the college. Although properly allowed by the college, the appearance of such speakers on the campus implies neither approval nor disapproval of them or their viewpoints. In case of speakers who are candidates for political office, equal opportunities shall be available to opposing candidates if desired by them. Speakers are subject to the normal considerations for law and order and to the specific limitations imposed by the state constitution which prohibits religious worship, exercise or instruction on state property.

(2) In order to insure an atmosphere of open exchange and to insure that the educational objectives of the college are not obscured, the president, in a case attended by strong emotional feeling, may prescribe conditions for the conduct of the meeting, such as requiring a designated member of the staff as moderator, or requiring permission for comments and questions from the floor. Likewise, the president may encourage the appearance of one or more additional speakers at any meeting or at a subsequent meeting so that other points of view may be expressed. The president may

designate representatives to recommend conditions such as time, manner, and place for the conduct of particular meetings.

#### **NEW SECTION**

WAC 495C-120-100 Distribution of information. (1) Handbills, leaflets, newspapers and similar materials may be sold or distributed free of charge by any student or students, or by members of recognized student organizations, or by college employees on or in college facilities at locations specifically designated by the senior vice-president or designee; provided such distribution or sale does not interfere with the ingress or egress of persons or interfere with the free flow of vehicular or pedestrian traffic.

- (2) Such handbills, leaflets, newspapers and related matter must bear identification as to the publishing agency and distributing organization or individual.
- (3) All nonstudents shall register with the senior vicepresident prior to the distribution of any handbill, leaflet, newspaper or related matter. Such distribution or sale must not interfere with the free flow of vehicular or pedestrian traffic.
- (4) Any person or persons who violate provisions of subparagraphs (1) and (2) above will be subject to disciplinary action.

#### **NEW SECTION**

WAC 495C-120-110 Commercial activities. (1) College facilities will not be used for a commercial solicitation, advertising or promotional activities except when such activities clearly serve educational objectives, including but not limited to display of books of interest to the staff or the display or demonstration of technical or research equipment, and when such commercial activities relate to educational objectives and are conducted under the sponsorship or at the request of the college.

(2) For the purpose of this regulation, the term "commercial activities" does not include handbills, leaflets, newspapers and similarly related materials as regulated in WAC 495C-120-100.

#### **NEW SECTION**

WAC 495C-120-120 Disciplinary process. (i) Any infractions of college rules may be referred by any college staff member to the vice-president for instruction. That official shall then follow the appropriate procedures for any disciplinary action which he or she deems necessary relative to the alleged misconduct. In addition, a student may appeal disciplinary action taken by a staff member pursuant to the provisions in WAC 495C-120-160.

- (2) The disciplinary official may take whatever action deemed appropriate within the framework of these rules. If the student concludes that any sanctions imposed are inappropriate, the student may appeal to the vice-president for student services or designee.
- (3) If a referral or an appeal is made to the vicepresident for student services or designee, the vice-president for student services or designee shall hold a hearing, reach conclusions and may impose sanctions. If the student concludes that the action of the vice-president for student

services or designee is inappropriate, the student may appeal the matter to the president of the college.

(4) The president of the college, after reviewing the case, may reverse, sustain or modify any sanctions which may have been imposed by the vice-president for student services or designee. The decision of the president is final.

#### **NEW SECTION**

WAC 495C-120-130 Disciplinary terms. The definitions set forth in this section apply throughout WAC 495C-120-180.

- (1) Disciplinary warning means oral notice of violation of college rules.
- (2) Reprimand means formal action after censuring a student for violation of college rules or failure to satisfy the college's expectations regarding conduct. Reprimands are made in writing to the student by the disciplinary official. A reprimand indicates to the student that continuation or repetition of the specific conduct involved or other misconduct will result in one or more serious disciplinary actions described below.
- (3) Disciplinary probation means formal action placing conditions upon the student's continued attendance because of his or her violation of college rules or failure to satisfy the college's expectations regarding conduct. The disciplinary official placing the student on probation will specify, in writing, the period of probation and the conditions, such as limiting the student's participation in extra-curricular activities. Disciplinary probation warns the student that any further misconduct will automatically raise the question of dismissal from the college. Disciplinary probation may be for a specified term or for an indefinite period which may extend to graduation or other termination of the student's enrollment in the college.
- (4) Summary suspension means temporary dismissal from the college and temporary termination of a student's status for a period of time not to exceed ten days which occurs prior to invocation of the formal hearing procedures specified in these rules due to a necessity to take immediate disciplinary action, where a student presents an imminent danger to the college property, or to himself or herself, or other students or persons in college facilities on or off campus, or to the educational process of the college.
- (5) Suspension means temporary dismissal from the college and temporary termination of student status for violation of college rules or for failure to meet college standards of conduct.
- (6) Expulsion means dismissal from the college and termination of student status for violation of college rules or for failure to meet the college standards of conduct for an indefinite period of time or permanently.

#### **NEW SECTION**

WAC 495C-120-135 Refunds and access. (1) Refund of fees for the period in which disciplinary action is taken shall be in accordance with the college's refund policy.

(2) A student suspended or expelled on the basis of conduct which disrupted the orderly operation of the campus or any facility of the district, may be denied access to all or any part of the campus or other facility.

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WAC 495C-120-140 Readmission after suspension or expulsion. Any student suspended from the college for disciplinary reasons will normally be readmitted upon expiration of the time period for which the suspension was issued. If the student has been expelled or feels that circumstances warrant reconsideration of a temporary suspension prior to its expiration, or if the student was suspended with conditions imposed for readmission, the student may be readmitted following approval of a written petition submitted to the vice-president for instruction or designee. Such petition must state reasons which support a reconsideration of the matter. Before readmission may be granted, such petition must be reviewed and approved by the college president or designee.

#### **NEW SECTION**

WAC 495C-120-150 Readmission into instructional program. Students who have been suspended pursuant to disciplinary procedures set forth in WAC 495C-120-120 and 495C-120-130 and whose suspension upon appeal is found to have been unwarranted shall be provided the opportunity to reenter their instructional program to the extent possible within the abilities of the college, including an opportunity to retake examinations or otherwise complete course offerings missed by reason of such action.

#### **NEW SECTION**

WAC 495C-120-160 Procedural guidelines. (1) Students, if they wish to appeal, have a right to a fair and impartial hearing before the vice-president for student services or designee on any charge of misconduct. The failure of a student to cooperate with the hearing procedures, however, shall not preclude the vice-president for student services or designee from making his or her findings of fact, reaching conclusions and imposing sanctions. Failure of the student to cooperate may be taken into consideration by the vice-president for student services or designee in recommending penalties.

- (2) The student shall be given notice of the date, time and place of the hearing, the charges, a list of witnesses who will appear, and a description of any documentary or other physical evidence that will be presented at the hearing. This notice shall be given to the student in writing and shall be provided in sufficient time to permit him to prepare a defense. The notice may be amended at any time prior to the hearing, but if such amendment is prejudicial to the student's case, the hearing shall be rescheduled to a later date if so requested in writing by the student.
- (3) The student or his representative shall be entitled to hear and examine the evidence against him or her and be informed of the identity of its sources; and shall be entitled to present evidence in his or her own behalf and question witnesses as to factual matters. The student shall have all authority which is possessed by the college to obtain information or to request the presence of witnesses or the production of other evidence relevant to the issues at the hearing.
- (4) Only those matters presented at the hearing, in the presence of the student involved, will be considered in

determining whether the student is guilty of the misconduct charged but the student's past record of conduct may be taken into account in formulating the vice-president for student services or designee's recommendation for disciplinary action.

- (5) The student may be represented by counsel and/or accompanied by an advisor of his choice.
- (6) Hearings conducted by the vice-president for student services or designee may be held in closed session at the discretion of the vice-president for student services or designee, the only exception being when the student involved invites particular persons or requests an open hearing. If at any time during the conduct of the hearing invited persons are disruptive of the proceedings, the vice-president for student services or designee may exclude such persons from the hearing room.
- (7) The vice-president for student services or designee shall set the time, place and available seating capacity for a hearing.
- (8) All proceedings of the vice-president for student services or designee will be conducted with reasonable dispatch and terminated as soon as fairness to all parties involved permits.
- (9) An adequate summary of the proceedings will be kept. As a minimum, such summary would include a tape recording of testimony. Such record will be available for inspection and copying in the office of student services during regular business hours.
- (10) The student will be provided with a copy of the findings of fact and the conclusions of the vice-president for student services or designee. The student will also be advised of his right to present, within ten calendar days, a written statement of appeal to the president of the college before action is taken on the decision of the vice-president for student services or designee. In the case of an unmarried student under eighteen years of age, written notice of any action involving dismissal or disciplinary probation is sent to the parents or guardian of the student.
- (11) The vice-president for student services or designee shall establish general rules of procedure for conducting hearings consistent with these procedural guidelines.
- (12) The president of the college or his designated representative, after reviewing the case, including the report of the vice-president for student services or designee and any statement filed by the student, shall either indicate his approval of the conclusions of the vice-president for student services or designee by sustaining his or her decision, shall give directions as to what other disciplinary action shall be taken by modifying his or her decision, or shall nullify previous sanctions imposed by reversing the decision and shall then notify the official who initiated the proceedings, the student and the vice-president for student services.

#### **NEW SECTION**

WAC 495C-120-170 Appeals. Any disciplinary action may be appealed as described below. Notice of an appeal by a student shall be made in writing and addressed to the vice-president for instruction within ten calendar days of the college's giving of the notice of the disciplinary action.

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- (1) Disciplinary action by a college staff member may be appealed to, and shall be reviewed by, the vice-president for instruction or his or her designee.
- (2) Disciplinary action by the appropriate disciplinary official may be appealed to, and shall be reviewed by, the vice-president for student services or designee.
- (3) Disciplinary action by the vice-president for student services or designee may be appealed to, and shall be reviewed by, the college president or his designee.
- (4) Disciplinary action by the president shall either indicate approval of the conclusions by sustaining the decision or shall give directions as to what other disciplinary action shall be taken by modifying the decision, or shall nullify previous sanctions imposed by reversing the decision. All appeals to the president shall be final.

WAC 495C-120-180 Reporting, recording and maintaining records. Records of all disciplinary cases shall be kept by the disciplinary official taking or initiating the action. Except in proceedings where the student is exonerated, all documentary or other physical evidence produced or considered in disciplinary proceedings and all recorded testimony shall be preserved, insofar as possible, for not more than five years. No other records of proceedings wherein the student is exonerated, other than the fact of exoneration, shall be maintained in the student's file or other college repository after the date of the student's graduation or not more than five years.

# Chapter 495C-122 WAC WITHHOLDING SERVICES FOR OUTSTANDING DEBTS

#### **NEW SECTION**

WAC 495C-122-010 Policy. If any person, including any staff, student or former student, is indebted to the institution for an outstanding overdue debt, the college need not provide any further services of any kind to such individual, including but not limited to transmitting files, records, transcripts or other services which have been requested by such person.

#### **NEW SECTION**

WAC 495C-122-020 Notification. (1) Upon receiving a request for services where there is an outstanding debt due to the college from the requesting person, the college shall notify the person by first-class mail that the services will not be provided since there is an outstanding debt due. The person shall be told that until the debt is satisfied, requested services will not be provided.

(2) The letter of notification shall also state that the person has a right to a brief adjudicative proceeding before a person designated by the president of the college. The proceeding must be requested within twenty days of the date of mailing notification of refusal to provide services.

#### **NEW SECTION**

WAC 495C-122-030 Procedure for brief adjudicative proceeding. Upon receipt of a timely request for a hearing, the person designated by the president shall have the records and files of the college available for review and shall hold an informal hearing concerning whether the individual in fact owes any outstanding debts to the college. The hearing must be conducted within ten working days of the request for a hearing. After the informal hearing, a decision shall be rendered by the president or designee indicating whether in fact the college is correct in withholding services for the outstanding debt. If the outstanding debt is owed by the individual involved, no further services shall be provided. Notification of this decision shall be sent to the individual within five working days after the hearing. This hearing shall constitute a brief adjudicative proceeding established by the Administrative Procedure Act at RCW 34.05.482 through 34.05.494.

## Chapter 495C-131 WAC SCHOLARSHIPS

#### **NEW SECTION**

WAC 495C-131-010 Scholarships. Detailed information concerning the criteria, eligibility, procedures for application, and other information regarding scholarships at Clover Park Technical College is located in the Financial Aid Office.

## Chapter 495C-132 WAC FINANCIAL AID

#### **NEW SECTION**

WAC 495C-132-010 Financial aid. Federal, state, and private financial aid applications and information may be obtained at the following address:

Financial Aid Office Clover Park Technical College 4500 Steilacoom Boulevard S.W. Tacoma, WA 98499-4098

Award of federal and state aid will be made in accordance with applicable federal and state laws and regulations.

## Chapter 495C-133 WAC ORGANIZATION

#### **NEW SECTION**

WAC 495C-133-020 Organization—Operation—Information. (1) Organization. Clover Park Technical College is established in Title 28B RCW as a public institution of higher education. The college is governed by a five-member board of trustees, appointed by the governor. The board employs a president, who acts as the chief executive officer of the college. The president establishes the structure of the administration.

(2) Operation. The administrative office is located at the following address:

4500 Steilacoom Boulevard S.W. Tacoma, WA 98499-4098

The office hours as prescribed in the College Procedures Manual are 8:00 a.m. to 4:30 p.m., Monday through Friday, except legal holidays. Educational operations are also located at the following addresses:

Woodbrook Vocational Site (Fort Lewis Campus) 14800 Murray Road S.W. Fort Lewis, WA 98439-1197

Days Inn Clover Park 6802 South Sprague Tacoma, WA 98409-6797

Recreational Vehicle/Marine Mechanics Facility 3423 Chapel Street S.W., Building No. 7 Tacoma, WA 98444-1539

Franklin Pierce High School 11002-18th Avenue East Tacoma, WA 98445-5200

(3) Information. Additional and detailed information concerning the educational offerings of the college may be obtained from the catalog, copies of which are available at the following address:

4500 Steilacoom Boulevard S.W. Tacoma, WA 98499-4098

### Chapter 495C-134 WAC DESIGNATION OF RULES COORDINATOR

#### **NEW SECTION**

WAC 495C-134-010 Rules coordinator. The rules coordinator for Clover Park Technical College as designated by the president is:

G. James Capelli Sr. Vice-President Clover Park Technical College 4500 Steilacoom Boulevard S.W. Tacoma, WA 98499-4098

## Chapter 495C-140 WAC USE OF COLLEGE FACILITIES

#### **NEW SECTION**

WAC 495C-140-010 Use of college facilities. The board and administration believe that facilities should be available for a variety of uses which are of benefit to the general public if such general uses do not interfere with the educational mission of the college. However, a state agency is under no obligation to make its public facilities available to the community for private purposes.

#### **NEW SECTION**

WAC 495C-140-020 Limitation of use to college activities. (1) When allocating use of college facilities, the highest priority is always given to activities specifically related to the college's mission. No arrangements will be made that may interfere with or operate to the detriment of, the college's own instructional, research, or public service programs. In particular, college buildings, properties, and facilities, including those assigned to student programs, are used primarily for:

- (a) The regularly established instructional, research, or public service activities of the college and its departments;
- (b) Cultural, educational, or recreational activities of the students, faculty, or staff;
- (c) Short courses, conferences, seminars, or similar events, conducted either in the public service or for the advancement of specific departmental professional interests, when arranged under the sponsorship of the college or its departments;
- (d) Public events of a cultural or professional nature brought to the campus at the request of college departments or committees and presented with their active sponsorship and active participation;
- (e) Activities or programs sponsored by educational institutions, by state or federal agencies, by charitable agencies or civic or community organizations whose activities are of widespread public service and of a character appropriate to the college.
- (2) College facilities shall be assigned to student organizations for regular business meetings, social functions and for programs open to the public. Any recognized campus student organization may invite speakers from outside the college community. The appearance of an invited speaker on campus does not represent an endorsement by the college, its students, staff, administration, or the board of trustees, implicitly or explicitly, of the speaker's views.
- (3) Reasonable conditions may be imposed to regulate the timeliness of requests, to determine the appropriateness of space assigned, time of use, and to insure the proper maintenance of the facilities. Subject to the same limitations, college facilities shall be made available for assignment to individuals or groups within the college community. Arrangements by both organizations and individuals must be made through the designated administrative officer. Allocation of space shall be made in accordance with college rules and on the basis of time, space, priority of request and the demonstrated needs of the applicant.
- (4) The college may restrict an individual's or a group's use of college facilities if that person or group has, in the past, physically abused college facilities. Charges may be imposed for damage or for any unusual costs for the use of facilities. The individual, group or organization requesting space will be required to state in advance the general purpose of any meeting.

Permanent [50]

WAC 495C-140-030 Statement of intentions. The college neither intends nor desires to compete with any local agency or private enterprise in making its facilities available to the community. Privately operated facilities exist which are well qualified to best meet many community needs. The college encourages the community to patronize local businesses or agencies. With this approach, the college will work cooperatively with local private enterprise to the mutual benefit of all concerned.

#### **NEW SECTION**

#### WAC 495C-140-040 General policies limiting use.

- (1) College facilities may not be used for purposes of political campaigning by or for candidates who have filed for public office except for student-sponsored activities or forums.
- (2) Religious groups shall not, under any circumstances, use the college facilities as a permanent meeting place. Use may be intermittent only.
- (3) The college reserves the right to prohibit the use of college facilities by groups which restrict membership or participation in a manner inconsistent with the college's commitment to nondiscrimination as set forth in its written policies and rules.
- (4) Activities of a political or commercial nature will not be approved if they involve the use of promotional signs or posters on buildings, trees, walls, or bulletin boards, or the distribution of samples outside the rooms or facilities to which access has been granted.
- (5) These rules shall apply to recognized student groups using college facilities.
- (6) Handbills, leaflets, and similar materials except those which are commercial, obscene, or unlawful may be distributed only in designated areas on the campus where, and at times when, such distribution will not interfere with the orderly administration of the college affairs or the free flow of traffic. Any distribution of materials as authorized by the designated administrative officer shall not be construed as support or approval of the content by the college community or the board of trustees.
- (7) Use of audio amplifying equipment is permitted only in locations and at times which will not interfere with the normal conduct of college affairs as determined by the appropriate administrative officer.
- (8) No person or group may use or enter onto college facilities having in their possession firearms, unless appropriately licensed to do so under state statute.
- (9) The right of peaceful dissent within the college community will be preserved. The college retains the right to take steps to insure the safety of individuals, the continuity of the educational process, and the protection of property. While peaceful dissent is acceptable, violence or disruptive behavior is not a legitimate means of dissent. Should any person, group or organization attempt to resolve differences by means of violence, the college and its officials need not negotiate while such methods are employed.
- (10) Orderly picketing and other forms of peaceful dissent are protected activities on and about the college premises. However, interference with free passage through areas where members of the college community have a right

- to be, interference with ingress and egress to college facilities, interruption of classes, injury to persons, or damage to property exceeds permissible limits.
- (11) Where college space is used for an authorized function (such as a class or a public or private meeting under approved sponsorship, administrative functions or service related activities), groups must obey or comply with directions of the designated administrative officer or individual in charge of the meeting.
- (12) If a college facility abuts a public area or street, and if student activity, although on public property, unreasonably interferes with ingress and egress to college buildings, the college may choose to impose its own sanctions although remedies might also be available through local law enforcement agencies.

#### **NEW SECTION**

WAC 495C-140-050 Administrative control. The board hereby delegates to the president authority to set up administrative procedures for the use of college facilities; and to establish rental schedules where appropriate.

#### **NEW SECTION**

- WAC 495C-140-060 Trespass. (1) Individuals who are not students or staff and who violate these rules will be advised of the specific nature of the violation, and if they persist in the violation, they will be requested by the president or designee, to leave the college property. Such a request prohibits the entry of and withdraws the license or privilege to enter onto or remain upon any portion of the college facilities by the person or group of persons requested to leave. Such persons shall be subject to arrest under the provisions of chapter 9A.52 RCW.
- (2) Members of the college community (students and staff) who do not comply with these regulations will be reported to the appropriate college office or agency for action in accordance with these rules.

#### **NEW SECTION**

- WAC 495C-140-070 Prohibited conduct at college facilities. (1) The use or possession of unlawful drugs or narcotics, not medically prescribed, on college property or at college functions, is prohibited. Students under the influence of intoxicants, unlawful drugs or narcotics while in college facilities are subject to disciplinary action.
- (2) The use of tobacco is prohibited in accordance with health regulations. Clover Park Technical College facilities are smoke free. Smoking is approved at designated outdoor sites.
- (3) Destruction of college property is also prohibited by state law in reference to public institutions.

#### **NEW SECTION**

WAC 495C-140-080 Control of pets in college facilities. Pets are not permitted in campus buildings or on the grounds except guide or service dogs for the visually or hearing impaired and those performing a support function to law enforcement agencies and/or those approved by the president or designee.

[ 51 ] Permanent

WAC 495C-140-090 Basis of fee assessment. (1) The basis for establishing and charging fees reflects the college's assessment of the present market, the cost of operations, and an evaluation of the intended purpose and its relationship to the purposes of this college. The board of trustees has determined that groups or organizations affiliated with the college should be permitted access to facilities at the lowest charge on the fee schedule which may include complimentary use. A current fee schedule is available to interested persons from the office of vice-president for auxiliary services.

(2) The college does not wish to compete with private enterprise. Therefore, the college reserves the right to deny applications for facility use when the administration feels a commercial facility should be patronized. At no time will facility use be granted for a noncollege related commercial activity at a rental rate, or upon terms, less than the full and fair rental value of premises used.

#### **NEW SECTION**

WAC 495C-140-100 Application procedures. (1) At least seven working days prior to date of intended use of any college facility, an authorized representative of the requesting organization must submit proper and complete written application which may be obtained through the college's office of auxiliary services. A single application may be sufficient for a series of meetings by an organization unless those meetings vary significantly in some substantive way; if so, separate applications will be required.

- (2) Upon approval of the application, an authorized representative of the using organization shall sign the rental agreement. By affixing a signature as representing the using organization, the signatory specifies he or she has authority to enter into agreement on behalf of the organization and if the organization fails to pay the amount due, the signatory becomes responsible for all charges which may include interest payment for overdue accounts as specified on the rental form but not less than one percent per month.
- (3) Events requiring expenditures on the part of the college, or where significant areas are blocked out for the renter, a minimum of up to fifty percent advance deposit may be required at the time of application.
- (4) The college reserves the right to make pricing changes without prior written notice.
- (5) Use of a facility is limited to the facilities specified on the agreement.
- (6) The priorities for facility use place primary emphasis on regular college events and activities. The vice-president for auxiliary services or designee reserve the right to cancel any permit and refund any payments for use of college facilities and equipment when they deem such action advisable and in the college's best interests.
- (7) In the event of a cancellation of a facility use permit by the applicant, that organization is liable for all college costs and expenses in preparing the facility for its use.
- (8) Any admission charge is to be specified and approved by the college.
- (9) Organizations using Clover Park Technical College's facilities shall conduct all activities in accordance with applicable local, state, and federal laws including all rules

adopted by the Clover Park Technical College board of trustees.

#### **NEW SECTION**

WAC 495C-140-110 Supervision during activity. (1) Signatories of the rental agreement as well as adult organization leaders are responsible for group conduct and are expected to remain with their group during activities. When the use of special facilities makes it necessary that supervision or security be provided, a staff member will represent the college at any activity on college facilities. Such service shall be paid at the current rate, by the organization requesting use of the facility, and does not relieve the organization from safeguarding the college's property.

(2) College personnel will open and lock all rented facilities. Keys to buildings or facilities will not be issued or loaned on any occasion to any organization with the exception of keys to designated off-campus locations.

## Chapter 495C-168 WAC USE OF LIBRARY—FINES

#### **NEW SECTION**

WAC 495C-168-010 Title. WAC 495C-168-010 through 495C-168-060 will be known as the library-resource center code of Clover Park Technical College.

#### **NEW SECTION**

WAC 495C-168-020 Loans. Materials from the college library, F.V. Miner Resource Center, are checked out only to the following groups.

- (1) All currently registered students of the college;
- (2) All current staff members;
- (3) All holders of currently valid courtesy cards. This latter group includes members of the board of trustees, community educators whose work might necessitate usage of library-media materials, and other individuals who show a particular need for specialized items in the library-media collections which are not available elsewhere;
- (4) Students from other institutions with which the college library-media center has a reciprocal lending agreement through a "shared use plan." This group may use materials on a loan basis at the discretion of the circulation supervisor who will determine lending priorities based upon the current usage of individual items by Clover Park Technical College students.

#### **NEW SECTION**

WAC 495C-168-030 Fines. In cases where damage or loss of library material is evident, the offending patron will be assessed the replacement cost. In other instances where library-media materials are retained by the borrower beyond the designated due date, fines may be levied as a sanction to effect the prompt return of items which may be in demand by others.

Permanent [52]

WAC 495C-168-040 Student handbook. Information governing the operation of the library center is included in the student and college handbooks.

#### **NEW SECTION**

WAC 495C-168-050 Inspection. The library shall have the right to inspect packages, brief cases, containers, articles, and materials leaving the building to prevent the unauthorized removal of library resources. The inspection may be done by persons or devices designed to detect unauthorized removals.

#### **NEW SECTION**

WAC 495C-168-060 Prohibited entry. The library shall have the right to prevent entry of foods and beverages, animals or other things detrimental to the library purpose.

## Chapter 495C-276 WAC ACCESS TO PUBLIC RECORDS

#### **NEW SECTION**

WAC 495C-276-010 Purpose. The purpose of this chapter is to ensure that Clover Park Technical College complies with the provisions of chapter 42.17 RCW and in particular with those sections of that chapter dealing with public records.

#### **NEW SECTION**

WAC 495C-276-020 Definitions. (1) "Public record" includes any writing containing information relating to the conduct of government or the performance of any governmental or proprietary function prepared, owned, used or retained by any state or local agency regardless of physical form or characteristics.

- (2) "Writing" means handwriting, typewriting, printing, photostating, photographing, and every other means of recording any form of communication or representation, including letters, words, pictures, sounds or symbols, combination thereof and all papers, maps, magnetic or paper tapes, photographic films and prints, magnetic or punched cards, disks, drums and other documents.
- (3) "Clover Park Technical College" is an agency organized by statute pursuant to RCW 28B.50.040. Clover Park Technical College shall hereafter be referred to as the "district." Where appropriate, the term "district" also refers to the staff and employees of the district.

#### **NEW SECTION**

WAC 495C-276-030 Description of central and field organization of Clover Park Technical College District No. 29. (1) Clover Park Technical College is a state agency established and organized under the authority of chapter 28B.50 RCW for the purpose of implementing the educational goals established by the legislature in RCW 28B.50.020. The administrative office of the district is located on the college campus within the county of Pierce, Washington. The college campus likewise comprises the

- central headquarters for all operations of the district. Field activities for the branch campuses of the district are administered by personnel located at the Clover Park Technical College main office at 4500 Steilacoom Boulevard Southwest in Tacoma, Washington.
- (2) The district is operated under the supervision and control of a board of trustees. The board of trustees consists of five members appointed by the governor. The board of trustees normally meets at least once each month, as provided in WAC 495C-104-010. The board of trustees employs a president, an administrative staff, instructors, and other employees. The board of trustees takes such actions and promulgates such rules, and policies in harmony with the rules established by the state board for community and technical colleges, as are necessary to the administration and operation of the district.
- (3) The president of the district is responsible to the board of trustees for the operation and administration of the district. A detailed description of the administrative organization of the district is contained within the College Handbook for Clover Park Technical College, a current copy of which is available for inspection at the administrative office of the district.

#### **NEW SECTION**

WAC 495C-276-040 Operations and procedures. (1) Formal decision-making procedures are established by the board of trustees through rules promulgated in accordance with the requirements of chapter 34.05 RCW, the Administrative Procedure Act.

(2) Informal decision-making procedures at the college, as established by the board of trustees, are set forth in the Policy Manual of Clover Park Technical College, a current copy of which is available for inspection at the administrative office of the district.

#### **NEW SECTION**

WAC 495C-276-050 Public records available. All public records of the district, as defined in this chapter, are deemed to be available for public inspection and copying pursuant to these rules, except as otherwise provided by RCW 42.17.310 or other statutes.

#### **NEW SECTION**

WAC 495C-276-060 Public records officer. The district's public records shall be in the charge of the public records officer designated by the chief administrative officer of the district. The person so designated shall be located in the district administrative office. The public records officer shall be responsible for the following: Implementation of the district's rules regarding release of public records, coordinating district employees in this regard, and generally ensuring compliance by district employees with the public records disclosure requirements in chapter 42.17 RCW.

#### **NEW SECTION**

WAC 495C-276-070 Office hours. Public records shall be available for inspection and copying during the customary office hours of the district. For purposes of this chapter, the customary office hours shall be from 9:00 a.m.

to noon and from 1:00 p.m. to 4:00 p.m., Monday through Friday, excluding legal holidays and holidays established by the college calendar.

#### **NEW SECTION**

WAC 495C-276-080 Requests for public records. In accordance with the requirements of RCW 42.17.290 that agencies prevent unreasonable invasions of privacy, protect public records from damage or disorganization, and prevent excessive interference with essential functions of the agency, public records are only obtainable by members of the public when those members of the public comply with the following procedures:

- (1) A request shall be made in writing upon a form prescribed by the district which shall be available at the district administrative office. The form shall be presented to the public records officer or, if the public records officer is not available, to any member of the district's staff at the district administrative office during customary office hours. The request shall include the following information:
  - (a) The name of the person requesting the record;
- (b) The time of day and calendar date on which the request was made;
  - (c) The nature of the request;
- (d) If the matter requested is referenced within the current index maintained by the public records officer, a reference to the requested record as it is described in such current index;
- (e) If the requested matter is not identifiable by reference to the current index, an appropriate description of the record requested.
- (2) In all cases in which a member of the public is making a request, it shall be the obligation of the public records officer, or person to whom the request is made, to assist the member of the public in succinctly identifying the public record requested.

#### **NEW SECTION**

WAC 495C-276-090 Copying. No fee shall be charged for the inspection of public records. The district may impose a reasonable charge for providing copies of public records and for the use by any person of agency equipment to copy public records and such charges shall not exceed the amount necessary to reimburse the district for its actual costs incident to such copying. No person shall be released a record so copied until and unless the person requesting the copied public record has tendered payment for such copying to the appropriate district official. All charges must be paid by money order, cashier's check, or cash in advance.

#### **NEW SECTION**

WAC 495C-276-100 Determination regarding exempt records. (1) The district reserves the right to determine that a public record requested in accordance with the procedures outlined in WAC 495C-276-080 is exempt pursuant to the provisions set forth in RCW 42.17.310 or other statute. Such determination may be made in consultation with the public records officer, president of the

- college district, or an assistant attorney general assigned to the district.
- (2) Pursuant to RCW 42.17.260, the district reserves the right to delete identifying details when it makes available or publishes any public record when there is reason to believe that disclosure of such details would be an unreasonable invasion of personal privacy or impair a vital governmental interest: *Provided, however*, In each case, the justification for the deletion shall be explained fully in writing.
- (3) Response to requests for a public record must be made promptly. For the purposes of this section, a prompt response occurs if the person requesting the public record is notified within two business days as to whether his request for a public record will be honored.
- (4) All denials of request for public records must be accompanied by a written statement, signed by the public records officer or designee, specifying the reason for the denial, a statement of the specific exemption authorizing the withholding of the record and a brief explanation of how the exemption applies to the public record withheld.

#### **NEW SECTION**

WAC 495C-276-110 Review of denials of public records requests. (1) Any person who objects to the denial of a request for a public record may petition for prompt review of such decision by tendering a written request for review. The written request shall specifically refer to the written statement which constituted or accompanied the denial.

- (2) The written request by a person demanding prompt review of a decision denying a public record shall be submitted to the president or designee.
- (3) Within two business days after receiving the written request by a person petitioning for a prompt review of a decision denying a public record, the president or designee, shall complete such review.
- (4) During the course of the review the president or designee shall consider the obligations of the district to comply with the intent of chapter 42.17 RCW insofar as it requires providing full public access to official records, but shall also consider the exemptions provided in RCW 42.17.310 or other pertinent statutes, and the provisions of the statute which require the district to protect public records from damage or disorganization, prevent excessive interference with essential functions of the agency, and prevent any unreasonable invasion of personal privacy by deleting identifying details.

#### NEW SECTION

WAC 495C-276-120 Protection of public records. Requests for public records shall be made at the administrative office of the district at 4500 Steilacoom Boulevard Southwest, Tacoma, Washington. Public records and a facility for their inspection will be provided by the public records officer. Such records shall not be removed from the place designated. Copies of such records may be arranged according to the provisions of WAC 495C-276-090.

Permanent [54]

WAC 495C-276-130 Records index. (1) The district has available for the use of all persons a current index which provides identifying information as to the following records issued, adopted, or promulgated by the district after September 1, 1991:

- (a) Final opinions, including concurring and dissenting opinions, as well as orders, made in the adjudication of cases:
- (b) Those statements of policy and interpretations of policy, statute and the constitution which have been adopted by the agency;
- (c) Administrative staff manuals and instructions to staff that affect a member of the public;
- (d) Planning policies and goals, and interim and final planning decisions;
- (e) Factual staff reports and studies, factual consultant's reports and studies, scientific reports and studies, and any other factual information derived from tests, studies, reports or surveys, whether conducted by public employees or others; and
- (f) Correspondence, and materials referred to therein, by and with the agency relating to any regulatory, supervisory or enforcement responsibilities of the agency, whereby the agency determines, or opines upon, or is asked to determine or opine upon, the rights of the state, the public, a subdivision of state government, or of any private party.
- (2) The current index maintained by the district shall be available to all persons under the same rules and on the same conditions as are applied to public records available for inspection.

#### **NEW SECTION**

WAC 495C-276-140 Adoption of form. The district hereby adopts for use by all persons requesting inspection and/or copying or copies of its records the following form:

## REQUEST FOR PUBLIC RECORD TO CLOVER PARK TECHNICAL COLLEGE

Nan	ne (please print)	Signature
Nan	ne or Organization, if applica	ble
Mai	ling Address of Applicant	Phone Number
Date	e Request Made	Time of Day Request Made
Nat	ure of Request	

(d)	Identification Reference on Current Index (Please describe)		
(e)	Description of Record Identifiable by Reference College Index		
Rec	quest: APPROVED	DENIED	_ Date
Ву	Name	·	
	Name		Title
Rea	sons for Denial:		-
Ref	erred to	Date	
Ву	Name		
•	Name		Title

### Chapter 495C-300 WAC GRIEVANCE RULES—TITLE IX

#### **NEW SECTION**

WAC 495C-300-010 Preamble. Clover Park Technical College is covered by Title IX of the Civil Rights Act of 1964 prohibiting sex discrimination in education. Applicants for admission, enrolled students, applicants for employment, or employees of Clover Park Technical College who believe they have been discriminated against on the basis of sex may lodge an institutional grievance by following the procedures below.

#### **NEW SECTION**

WAC 495C-300-020 Informal procedure. All employees and students should feel free to discuss perceived discrimination with the individual immediately in charge, such as the first-line supervisor or instructor, to see if the situation can be resolved informally. Employees and students may also consult directly with the college affirmative action officer or designee without making a formal written complaint, and this consultation may be considered confidential. Employees and students are not required to use the informal process and may go directly to the formal procedure.

Any college official receiving a discrimination complaint shall contact the affirmative action officer or designee as soon as reasonably convenient. The college official shall arrange for the complainant to receive a copy of the complaint procedure.

WAC 495C-300-030 Formal procedure. Step one: Employees and students must make a written complaint concerning discriminatory behavior to the affirmative action officer or designee.

- (1) Complaints may be held in confidence. Formal action against the person accused may not be taken on behalf of the complainant unless the complainant consents to be identified to the one accused in connection with the investigation.
- (2) The complainant may bring a person of his or her choice to the initial or subsequent complaint meetings.
- (3) The affirmative action officer or designee shall give a copy of these regulations and any applicable board policy to the person making the formal complaint and to the accused.
- (4) The result of that consultation and any investigation made may be communicated to the complainant before any further action is taken.
- (5) An informal hearing may be substituted for investigation if the complainant and the accused agree. The affirmative action officer or designee will be responsible for investigating the complaint and discussing the complaint with the accused. The affirmative action officer will make a written recommendation to the president within a reasonable time following the close of the investigation or hearing.
- (6) Appropriate corrective measures will be decided by the president of the college upon consultation with the affirmative action officer and the appropriate administrators or supervisors involved. If an accused employee or student disagrees with the determination or appropriateness of the corrective measures, that individual may contest those measures through the appropriate staff grievance procedures, if they are covered by an agreement, or the student disciplinary code.
- (7) Information will be entered in the personnel or student file only to the extent that a formal reprimand or other disciplinary action has been taken. If no disciplinary action is taken, the affirmative action officer will keep a record of the investigation accessible to the president, the complainant and the accused for a period of three years and then that record will be destroyed. If a formal complaint is filed with an outside state or federal agency, files will be maintained until the complaint is resolved. When such files are used, written notice will be placed in the file indicating the person using the file and the date used.

#### **NEW SECTION**

WAC 495C-300-040 Other remedies. These procedures outlined in WAC 495C-300-010 through 495C-300-030, are internal college procedures and, as such, serve to resolve complaints within the college's administrative framework. These procedures do not replace an individual's timely complaint with an external agency such as the Office of Civil Rights, Equal Employment Opportunity Commission, or the Washington state human rights commission.

## Chapter 495C-310 WAC GRIEVANCE PROCEDURES—HANDICAPPED

#### **NEW SECTION**

WAC 495C-310-010 Preamble. Clover Park Technical College is covered by section 504 of the Rehabilitation Act of 1973 prohibiting discrimination on the basis of handicap in education. Applicants for admission, enrolled students, applicants for employment, or employees of Clover Park Technical College who believe they have been discriminated against on the basis of handicap may lodge an institutional grievance by following the procedures below.

#### **NEW SECTION**

WAC 495C-310-020 Informal procedure. All employees and students should feel free to discuss perceived discrimination with the individual immediately in charge, such as the first-line supervisor or instructor, to see if the situation can be resolved informally. Employees and students may also consult directly with the college affirmative action officer or designee without making a formal written complaint, and this consultation may be considered confidential. Employees and students are not required to use the informal process and may go directly to the formal procedure.

Any college official receiving a discrimination complaint shall contact the affirmative action officer or designee as soon as reasonably convenient. The college official shall arrange for the complainant to receive a copy of the grievance procedure.

#### **NEW SECTION**

[ 56 ]

WAC 495C-310-030 Formal procedure. Step one: Employees and students must make a written complaint concerning discriminatory behavior to the affirmative action officer or designee.

- (1) Complaints may be held in confidence. Formal action against the person accused may not be taken on behalf of the complainant unless the complainant consents to be identified to the one accused in connection with the investigation.
- (2) Complainants may bring persons of their choice to the initial or subsequent complaint meetings.
- (3) The affirmative action officer or designee shall give a copy of these regulations and any applicable board policy to the person making the formal complaint and to the accused.
- (4) The result of that consultation and any investigation made may be communicated to the complainant before any further action is taken.
- (5) An informal hearing may be substituted for investigation if the complainant and the accused agree. The affirmative action officer or designee will be responsible for investigating the complaint and discussing the complaint with the accused. The affirmative action officer will make a written recommendation to the president within a reasonable time following the close of the investigation or hearing.
- (6) Appropriate corrective measures will be decided by the president of the college upon consultation with the

affirmative action officer and the appropriate administrators or supervisors involved. If an accused employee or student disagrees with the determination or appropriateness of the corrective measures, that individual may contest those measures through the appropriate staff grievance procedures, if they are covered by an agreement, or the student disciplinary code.

(7) Information will be entered in the personnel or student file only to the extent that a formal reprimand or other disciplinary action has been taken. If no disciplinary action is taken, the affirmative action officer will keep a record of the investigation accessible to the president, the complainant and the accused for a period of three years and then that record will be destroyed. If a formal complaint is filed with an outside state or federal agency, files will be maintained until the complaint is resolved. When such files are used, written notice will be placed in the file indicating the person using the file and the date used.

#### **NEW SECTION**

WAC 495C-310-040 Other remedies. These procedures, outlined in WAC 495C-310-010 through 495C-310-030, are internal college procedures and, as such, serve to resolve complaints within the college's administrative framework. These procedures do not replace an individual's timely complaint with an external agency such as the Office of Civil Rights, Equal Employment Opportunity Commission, or the Washington state human rights commission.

## Chapter 495C-325 WAC STATE ENVIRONMENTAL POLICY ACT RULES

#### **NEW SECTION**

WAC 495C-325-010 Implementation of State Environmental Policy Act. (1) It shall be the policy of Clover Park Technical College that all actions taken by the district shall comply with the provisions of chapter 43.21C RCW (the State Environmental Policy Act), chapters 197-11 and 132-24 WAC.

(2) The president of the district or designee shall be responsible for administering and implementing this policy.

# WSR 92-19-095 PERMANENT RULES OFFICE OF INSURANCE COMMISSIONER

[Order R 92-12—Filed September 16, 1992, 3:15 p.m.]

Date of Adoption: September 16, 1992.

Purpose: This rule is intended to promote a strong and healthy maritime industry through the establishment of a plan ensuring the continued availability of United States Longshore and Harbor Workers' Act coverage for those employers unable to purchase this essential coverage in the normal insurance market. This plan will replace a voluntary plan that expired on June 30, 1992.

Statutory Authority for Adoption: RCW 48.02.060 and chapter 209, Laws of 1992.

Pursuant to notice filed as WSR 92-16-092 on August 5, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 16, 1992

Dick Marquardt

Insurance Commissioner

by Allen Morrow

Deputy Insurance Commissioner

## Chapter 284-22 WAC USL&H ASSIGNED RISK PLAN

#### **NEW SECTION**

WAC 284-22-010 Title. These rules and regulations, adopted under the authority of chapter 209 Laws of 1992, shall be entitled the WASHINGTON UNITED STATES LONGSHORE AND HARBOR WORKERS' COMPENSATION ACT ASSIGNED RISK PLAN (hereinafter referred to as "the assigned risk plan").

#### **NEW SECTION**

WAC 284-22-020 Purpose. The purposes of the assigned risk plan are:

- (1) To promote a strong and healthy maritime industry, within Washington state, by ensuring the continued availability of workers' compensation coverage required by the United States Longshore and Harbor Workers' Act and maritime employers' liability coverage incidental to such workers' compensation coverage for employers who are unable to purchase it through the normal insurance market.
- (2) To provide a mechanism through which the underwriting results of the assigned risk plan are shared by authorized insurers writing workers' compensation insurance within Washington state and the Washington state industrial insurance fund.

#### **NEW SECTION**

WAC 284-22-030 Effective date. (1) The assigned risk plan shall become effective at 12:01 a.m. July 1, 1992.

(2) The assigned risk plan shall cease accepting new applicants at 12:01 a.m. July 1, 1993. However, it shall not terminate until all policies issued under the plan have expired and outstanding obligations incurred under such policies have been satisfied.

#### **NEW SECTION**

WAC 284-22-040 Territory. The assigned risk plan shall provide coverage only for employers who are unable to purchase United States longshore and harbor workers' coverage and maritime employers' liability coverage incidental to such workers' compensation coverage for their operations within the state of Washington.

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WAC 284-22-050 Definitions. (1) "Administrator" means any organization designated by the assigned risk plan and approved by the commissioner to provide administrative support for the plan. Such support shall be defined by the governing committee in its operating plan. It may include, but is not limited to, acceptance, processing, and distribution of incoming applications to the servicing carrier(s), collection of and accounting for premium income, determination of assigned risk plan reserves, investment of assigned risk plan assets, collection of statistical data, actuarial assistance for rate making, development of policy contracts, and auditing the activities of servicing carrier(s) to ensure that the assigned risk plan's rules are being applied properly.

- (2) "Applicant" means an employer, seeking coverage from the assigned risk plan, who has, in good faith, sought United States longshore and harbor workers' coverage from at least two of the authorized insurers writing such coverage in Washington and has been declined such coverage by all insurers from which it has sought coverage. "Applicant" does not include employers seeking coverage through the plan solely because of the lack of availability of maritime employers' liability coverage.
- (3) "Authorized insurer" means any insurance company licensed to write workers' compensation insurance on a direct basis in this state.
- (4) "Commissioner" means the commissioner of insurance of the state of Washington.
- (5) "Governing committee" means the committee responsible for administering the assigned risk plan. It shall consist of thirteen members, who shall be appointed by the commissioner. The director of the department of labor and industries shall be one member. The remaining members shall be selected to insure equal representation of each of the following interest groups; authorized insurers writing primary or excess workers' compensation insurance, insurance producers, organized labor, and maritime employers.
- (6) "Maritime employers' liability" means that liability imposed by 46 U.S.C. 688 (the Jones Act) and general maritime law for bodily injury including death of a master or member of the crew of any vessel.
- (7) "Servicing carrier" means any authorized insurer designated by the assigned risk plan and approved by the commissioner and the United States Department of Labor to issue workers' compensation policies. It shall issue policies on behalf of the assigned risk plan, provide safety engineering, handle claims incurred by those covered by the assigned risk plan, provide premium audits, perform underwriting functions, and perform other duties as defined by the governing committee in its operating procedures.
- (8) "State industrial insurance fund" means that entity defined in RCW 51.08.175 which provides primary workers' compensation insurance on a direct basis in this state.
- (9) "Underwriting results" means the assigned risk plan's revenues less incurred claims plus net operating expenses, net of reinsurance, during its period of operation.
- (10) "United States longshore and harbor workers' compensation coverage" means that workers' compensation coverage required of employers by the United States Longshore and Harbor Workers' Compensation Act, 33

- U.S.C. Secs. 901 through 950. It is hereinafter referred to as USL&H coverage.
- (11) "Written premium" means gross direct premiums (excluding premiums on risks written ceded to the assigned risk plan), within the state of Washington, charged during the first preceding calendar year with respect to workers' compensation insurance, less return premiums, dividends paid or credited to policyholders, or the unused or unabsorbed portions of premium deposits.

#### **NEW SECTION**

WAC 284-22-060 Participation. (1) Participation in the assigned risk plan is mandatory for all authorized insurers writing workers' compensation insurance in Washington state and the state industrial insurance fund. Underwriting results shall be shared by the participants in accordance with the following ratio: The state industrial insurance fund, fifty percent; authorized insurers writing USL&H coverage, forty-eight percent; and authorized insurers writing excess workers' compensation insurance, two percent.

- (2) The amount of participation of each authorized insurer shall be based on the proportional share of its USL&H or excess workers' compensation premium written within Washington to all such premium written within the appropriate category during the first preceding calendar year. However, the governing committee, subject to the commissioner's approval, and subject to the requirement that the amount assumed by all insurers within each category must be as stated in subsection (1) of this section, has the authority to allocate assessments in such a fashion that no authorized insurer shall be required to participate in the plan if the amount of an assessment shall be less than fifty dollars.
- (3) Each authorized insurer writing workers' compensation insurance shall by September 1, 1992, make a report to the governing committee identifying the amount of its 1991 written premium applying to USL&H coverage and the amount applying to excess workers' compensation coverage.

#### **NEW SECTION**

WAC 284-22-070 Administration. (1) The governing committee shall be responsible for the administration of the assigned risk plan.

- (2) The committee shall meet at least once each calendar quarter. Seven members shall constitute a quorum, provided that the department of labor and industries and each of the defined interest groups must be represented.
- (3) Members of the governing committee shall serve without compensation. However, each person serving on the governing committee or any subcommittee thereof shall be indemnified by the assigned risk plan for all costs and expenses actually and necessarily incurred in connection with the defense of any action, suit, or proceeding in which such person is a named party by reason of being a member of the governing committee. This indemnification shall not apply in those instances in which the person has been judged in such action, suit, or proceeding to be liable by reason of willful misconduct in performance of his/her duties as a member of the committee.

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- (4) The committee shall:
- (a) Select a presiding officer.
- (b) Draft and submit to the commissioner for approval operating procedures for the assigned risk plan. Such procedures shall be drafted to carry out the purposes of chapter 209, Laws of 1992. These procedures shall include, but are not limited to, provisions:
- (i) Defining the specific conditions under which employers become eligible for coverage.
  - (ii) Defining the role and functions of the administrator.
- (iii) Defining the role and function of the servicing carrier(s). These roles shall include the requirement that the servicing(s) carrier file the assigned risk plan's policy forms and rates with the commissioner, on its behalf, prior to use.
- (iv) Establishing specific procedures for the control of the assigned risk plan's funds. These procedures shall ensure that anyone handling funds do so responsibly.
- (v) Defining standard policy forms similar to those used for USL&H and maritime employers' liability coverage in the voluntary market within Washington and requiring the use of such forms by the servicing carrier(s).
- (vi) Defining how the rates to be used by the servicing carrier(s) shall be established. The procedures shall require that rates be developed in an actuarially sound manner. They must also require that the servicing carrier(s) use these rates when issuing assigned risk policies.
- (vii) Establishing how an applicant's eligibility for maritime employers' liability will be determined. The procedure must provide an eligibility test to be applied at the time of acceptance of the applicant for such coverage and not upon receipt of notice of a claim.
- (viii) Defining the limits of maritime employers' liability coverage to be offered by the assigned risk plan. The assigned risk plan must offer such coverage with limits up to one hundred thousand dollars per occurrence. It may provide higher limits if the governing committee deems such limits are necessary to promote its purpose.
- (ix) Defining a procedure under which appeals received from applicants, persons insured, or participating insurers aggrieved by any action or decision of the assigned risk plan will be received, investigated, and resolved.
  - (c) Select an administrator.
  - (d) Select the servicing carrier(s).
- (e) Retain such accounting, actuarial, clerical, professional, or other services as the committee deems necessary to operate the assigned risk plan in a sound and competent manner.
- (f) Maintain separate statistics on business written by the assigned risk plan. These statistics shall be in sufficient detail to permit the committee and the commissioner to determine the financial condition of the plan when necessary. In any event, the committee shall make quarterly reports to the commissioner providing the following information:
- (i) The number of applications received by the administrator.
  - (ii) The number of policies issued.
- (iii) The amount of premiums written during the previous quarter and year-to-date.
- (iv) The amount of losses incurred and paid, and allocated loss adjustment expense incurred and paid during the previous quarter and year-to-date.

- (g) Initiate and carry out, with the approval of the commissioner, such interim and regular assessments of those participating in the assigned risk plan as may be necessary and reasonable for its operation in a sound and competent manner.
- (h) Take such other actions as the committee considers necessary and appropriate to properly administer the activities of the assigned risk plan.

- WAC 284-22-080 Approval by commissioner. (1) The commissioner shall approve the assigned risk plan's operating procedures if they provide for the fair, reasonable, and equitable administration of the assigned risk plan for all concerned.
- (2) The commissioner shall approve rate and form filings made by the servicing carrier(s) on behalf of the plan using the same standards that would apply to an insurance program designed and filed with the commissioner by an authorized insurer.
- (3) The commissioner shall approve the assigned risk plan's requests for interim and regular assessments upon receipt of evidence that such assessments are necessary to insure its continued operation in a sound and competent manner.

#### **NEW SECTION**

WAC 284-22-090 Right of appeal. Any applicant, person insured under the plan, or participating insurer, aggrieved by a ruling or decision of the plan shall have a right to appeal such decision to the commissioner. Appeals to the commissioner under this program shall in all other respects not set forth herein, be handled in accordance with chapters 48.04 and 34.05 RCW.

# WSR 92-19-098 PERMANENT RULES PARKS AND RECREATION COMMISSION

[Filed September 17, 1992, 1:25 p.m.]

Date of Adoption: September 11, 1992.

Purpose: Decriminalizes certain violations from a misdemeanor to an infraction in chapters 352-12, 352-20, 352-32, and 352-37 WAC.

Citation of Existing Rules Affected by this Order: Amending WAC 352-12-010, 352-12-020, 352-12-030, 352-12-040, 352-20-010, 352-20-020, 352-20-030, 352-20-040, 352-20-050, 352-32-030, 352-32-035, 352-32-040, 352-32-050, 352-32-053, 352-32-056, 352-32-060, 352-32-070, 352-32-075, 352-32-080, 352-32-090, 352-32-100, 352-32-110, 352-32-155, 352-32-157, 352-32-195, 352-32-20, 352-32-230, 352-32-235, 352-32-255, 352-32-260, 352-32-265, 352-37-030, 352-37-080, 352-37-090, 352-37-100, 352-37-110, and 352-37-130.

Statutory Authority for Adoption: RCW 43.51.040 and 43.51.180(7).

Pursuant to notice filed as WSR 92-16-097 on August 5, 1992.

Changes Other than Editing from Proposed to Adopted Version: Typographical error in WAC 352-32-310 in which references to WAC 352-32-260 and 352-32-265 were previously excluded. Correction has been made. No substantive change is being made in that the amendments to WAC 352-32-260 and 352-32-265 appear correctly in those amendatory sections.

Effective Date of Rule: Thirty-one days after filing.

September 11, 1992

Mel Wortman

Chair

AMENDATORY SECTION (Amending Order 103, filed 3/18/88, effective 5/15/88)

WAC 352-12-010 Moorage and use of marine facilities. (1) No person or persons shall moor or berth a vessel of any type in a commission owned or operated park or marine area except in designated marine park areas and at designated facilities.

- (2) Use of designated marine park areas and facilities by commercial vessels is prohibited except for the loading and unloading of passengers transported for recreation purposes: Provided however, Park managers and park rangers may allow extended or night moorage at any facility during the period September 15 through April 30, inclusive, to commercial vessels unloading passengers transported to the park for recreation purposes if in the manager's or ranger's sole discretion sufficient space is reasonably available therefor.
- (3) In order to afford the general public the greatest possible use of marine park facilities, continuous moorage at a facility by the same vessel, person or persons shall be limited to three consecutive nights, unless otherwise posted by the commission at any individual facility or area.
- (4) In order to maximize usable space at mooring floats, boaters shall, whenever necessary, moor their vessels as close as reasonably possible to vessels already moored. Rafting of vessels is also permitted, within posted limits, but not mandatory.
- (5) Use of any state park marine facility shall be on a first-come, first-served basis only. Reserving or retaining space to moor or berth a vessel at any facility, by means of a dinghy or any method other than occupying the space by the vessel to be moored, shall not be permitted.
- (6) Dinghies shall be tied up only in designated spaces on moorage floats.
- (7) Open flames or live coals, or devices containing or using open flames, live coals or combustible materials, including but not limited to barbecues, hibachis, stoves and heaters, shall be permitted on state park floats or piers only when placed on a fireproof base and the fire is located away from fuel tanks and/or fuel vents. In case of dispute related to fire safety, the ranger shall make final determination.
- (8) Except as provided in WAC 352-12-060, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 91-09-001, filed 4/4/91, effective 5/15/91)

- WAC 352-12-020 Moorage fees. (1) Vessels moored between 3 p.m. and 8 a.m. at those facilities designated by the commission shall be charged a nightly moorage fee during the period May 1 through September 30, inclusive, according to the following schedule:
- (a) Vessels twenty-six feet in length, and over, \$9.00 per night;
- (b) Vessels under twenty-six feet in length, \$6.00 per night: *Provided*, *however*, This fee shall be applicable all year at Blake Island, Cornet Bay, Fort Worden, Jarrell Cove, and Mystery Bay State Parks;
- (c) Vessels moored to state park buoys, \$5.00 per night: Provided further, Vessels properly displaying a valid annual permit shall not be charged a nightly moorage fee: Provided further, There shall be no moorage fee for any vessel riding on its own anchor: Provided further, There shall be no charge for temporary moorage for the purpose of loading or unloading a vessel, such temporary moorage shall be limited to thirty minutes.
- (2) A vessel rafted to another vessel shall be charged the appropriate moorage fee based on that vessel's own length.
- (3) Except as provided in WAC 352-12-060, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 91-09-001, filed 4/4/91, effective 1/1/92)

- WAC 352-12-030 Annual moorage permits. (1) Annual moorage permits may be obtained for the period January 1 through December 31, inclusive. Application for such permits may be obtained from most state park managers, or by writing to the Commission Headquarters, 7150 Cleanwater Lane, ((KY-11)) P.O. Box 42650, Olympia, WA 98504-2650.
- (2) Annual moorage permits will be issued for a particular vessel. The charge for such permits will be based upon the length of the vessel for which the permit is issued. Annual permits for vessels twenty-six feet in length and over shall cost \$45.00; for vessels under twenty-six feet in length shall cost \$27.00: *Provided, however*, Effective January 1, 1992, the permit for vessels twenty-six feet in length and over shall cost \$55.00 and for vessels under twenty-six feet in length shall cost \$35.00.
- (3) Annual permits shall be visible from outside the vessel, and permanently affixed to the lower left corner of the vessel's left (port) forward windshield, or if not equipped with a windshield, to the left (port) outside transom, or if a sailboat, on the forward portion of the left (port) cabin trunk.
- (4) Except as provided in WAC 352-12-060, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 59, filed 3/31/82)

WAC 352-12-040 Use of onshore campsites. If any person or persons from a vessel moored at a state park marine facility also occupies any designated campsite

onshore, the appropriate fee for such campsite(s) established in WAC 352-32-250 shall be paid in addition to any moorage fee provided for herein. Except as provided in WAC 352-12-060, any violation of this section is an infraction under chapter 7.84 RCW.

#### **NEW SECTION**

WAC 352-12-060 Penalties. Any violation designated in this chapter as a civil infraction shall constitute a misdemeanor until the violation is included in a civil infraction monetary schedule adopted by rule by the state supreme court pursuant to chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 90-07-062, filed 3/20/90, effective 4/20/90)

- WAC 352-20-010 Parking. (1) No operator of any automobile, trailer, camper, boat trailer, or other vehicle, shall park such vehicle in any state park area, except where the operator is using the area for a designated recreational purpose and the vehicle is parked either in a designated parking area, or in another area with the permission of a ranger.
- (2) No person shall park, leave standing, or abandon a vehicle in any state park area after closing time, except when camping in a designated area, or with permission from the ranger.
- (3) No person shall park, leave standing, or abandon a vehicle being used for commercial purposes in any state park area without written permission from the ranger.
- (4) Any vehicle found parked in violation of subsection (1), (2), or (3) of this section may be towed away at the owner's or operator's expense.
- (5) Except as provided in WAC 352-20-070, any violation of this section is an infraction under chapter 7.84 RCW.

## AMENDATORY SECTION (Amending Order 29, filed 1/26/77)

- WAC 352-20-020 Motor vehicles on roads and trails. (1) No person shall operate any motor vehicle on a trail in any state park area unless such trail has been specifically designated and posted for such use.
- (2) Subject to the provisions of subsection (1) of this section, no person shall operate a motor vehicle within the boundaries of a state park area except on roads, streets, highways, parking lots, parking areas, ATV areas or snowmobile trails and areas.
- (3) Except as provided in WAC 352-20-070, any violation of this section is an infraction under chapter 7.84 RCW.

## AMENDATORY SECTION (Amending Order 29, filed 1/26/77)

WAC 352-20-030 Speed limits. No person shall drive a motor vehicle within any state park area at a speed greater than is reasonable and prudent, having due regard for the traffic on, and the surface and width of the road, and in no event at a speed which endangers the safety of persons, property, or wildlife: *Provided, however*, That in no event shall a vehicle be driven at a speed greater than 15 miles per

hour in camp, picnic, utility, or headquarters areas, or in areas of general public assemblage: And provided further, That in no event shall a vehicle be driven at a speed greater than 25 miles per hour in any other area except designated ATV areas and trails. In no event shall a person operate a vehicle in a designated ATV area or trail at a speed which is not reasonable and prudent for the activity and existing conditions. The commission, however, upon finding that the safety of persons and the condition of the road and the traffic thereon so warrants, may establish lower speed limits and shall post the same in the area where so established. Except as provided in WAC 352-20-070, any violation of this section is an infraction under chapter 7.84 RCW.

## AMENDATORY SECTION (Amending Order 9, filed 11/24/70)

WAC 352-20-040 Vehicles in snow areas. All vehicles operating upon roads within the boundaries of any state park area when such roads are covered with snow or ice, and so posted, shall be equipped with approved snow tires or chains. Roads and conditions will be posted and traffic permitted only at the discretion of the ranger. Except as provided in WAC 352-20-070, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 90-07-062, filed 3/20/90, effective 4/20/90)

WAC 352-20-050 Trucks and commercial vehicles. No person shall cause a truck or other vehicle while being used for commercial purposes to enter upon, use, or traverse any portion of any state park area or any park road therein except in the service of the commission at the request of an employee or concessionaire of the commission, or by express permission of the director for a special activity not inconsistent with state park use: *Provided*, That the provisions of this section shall not apply to county roads or state highways.

Any vehicle in violation of this section may be towed away at the owner's or operator's expense. Except as provided in WAC 352-20-070, any violation of this section is an infraction under chapter 7.84 RCW.

#### **NEW SECTION**

WAC 352-20-070 Penalties. Any violation designated in this chapter as a civil infraction shall constitute a misdemeanor until the violation is included in a civil infraction monetary schedule adopted by rule by the state supreme court pursuant to chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 100, filed 3/23/87, effective 5/15/87)

WAC 352-32-030 Camping. (1) Camping facilities of the state parks within the Washington state parks and recreation commission system are designed and administered specifically to provide recreational opportunities for park visitors. Use of park facilities for purposes which are of a nonrecreational nature, such as long-term residency at park facilities, obstructs opportunities for recreational use, and is

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inconsistent with the purposes for which those facilities were designed.

No person or camping unit may use any state park facility for residence purposes, as defined (WAC 352-32-010(((16)))) (17)).

- (2) No person shall camp in any state park area except in areas specifically designated and/or marked for that purpose or as directed by a ranger.
- (3) Occupants shall vacate camping facilities by removing their personal property therefrom prior to 3:00 p.m., (or other appropriate, established time in parks where camping is reserved) if the applicable camping fee has not been paid or if the time limit for occupancy of the campsite has expired or the site is reserved by another party. Remaining in a campsite beyond the established checkout time shall subject the occupant to the payment of an additional camping fee.
- (4) Use of utility campsites by tent campers shall be subject to payment of the utility campsite fee except when otherwise specified by a ranger.
- (5) A campsite is considered occupied when it is being used for purposes of camping by a person or persons who have paid the camping fee within the applicable time limits or when it has been reserved through the appropriate procedures of the reservation system. No person shall take or attempt to take possession of a campsite when it is being occupied by another party, or when informed by a ranger that such site is occupied, or when the site is posted with a "reserved" sign. In the case of a reserved site, a person holding a valid reservation for that specific site may occupy it according to the rules relating to the reservation system for that park. In order to afford the public the greatest possible use of the state park system on a fair and equal basis, campsites in those parks not on the state park reservation system will be available on a first-come, first-serve basis. No person shall hold or attempt to hold campsite(s), for another camping unit for present or future camping dates, except as prescribed for multiple campsites. Any site occupied by a camping unit must be actively utilized for camping purposes.
- (6) One person may register for one or more sites within a multiple campsite by paying the multiple campsite fee (WAC 352-32-250(6)). Registration preference will be given to multiple camping units who want to use multiple sites. An individual may register and hold a multiple campsite for occupancy on the same day by other camping units. Multiple campsites in designated reservation parks are reservable under the reservation system.
- (7) In order to afford the general public the greatest possible use of the state park system, on a fair and equal basis, and to prevent residential use, continuous occupancy of facilities by the same camping unit shall be limited to ten consecutive nights in one park, after which the camping unit must vacate the site for three consecutive nights, May 1 through September 30, not to exceed twenty days in a thirty-day time period; and fifteen consecutive nights in one park, after which the camping unit must vacate the site for three consecutive nights, October 1 through April 30, not to exceed thirty days in a sixty-day time period. This limitation shall not apply to those individuals who meet the qualifications of WAC 352-32-280 and 352-32-285.

- (8) Only one camping unit with a maximum of eight people shall be permitted at a campsite, unless otherwise authorized by a ranger. The number of vehicles occupying a campsite shall be limited to one car or one recreational vehicle: *Provided*, That one additional vehicle without built-in sleeping accommodations may occupy a designated campsite when in the judgment of a ranger the constructed facilities so warrant. The number of tents allowed at each campsite shall be limited to the number that will fit on the designated or developed tent pad as determined by a ranger.
- (9) Persons traveling by bicycles, motor bikes or other similar modes of transportation and utilizing campsites shall be limited to eight persons per site, provided no more than four motorcycles shall occupy a campsite.
- (10) All persons camping in organized groups shall use designated group camp areas unless otherwise directed by a ranger and shall pay the applicable group camping fee.

A group can be any formalized group or an organized collection of families wishing to camp together.

Group camping areas may be reserved in advance through contact with the local ranger. Any group must have a leader who has reached the age of majority who will be required to read and sign a "Group use permit and regulation form."

- (11) Emergency camping areas set aside in certain state parks may be used only when all designated campsites are full but may not be used prior to 9:00 p.m. Persons using emergency areas must pay the standard campsite fee and must vacate the site by 8:00 the following morning.
- (12) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 91-09-001, filed 4/4/91, effective 5/15/91)

- WAC 352-32-035 Campsite reservation. (1) Advance campsite reservations will be available in certain state parks as designated by the director.
- (2) The period during which campsites may be reserved is from the Friday before Memorial Day through Labor Day.
- (3) Reservation requests can only be made for camping dates within the current calendar year.
- (4) Requests for reservations may be made in writing and must be postmarked a minimum of fourteen days in advance of the first camping night requested. Written reservation requests postmarked on or after January 1 will be accepted; reservation requests postmarked prior to January 1 will be returned. Accepted reservation requests will be processed in order of arrival up to fourteen days in advance of Labor Day.
- (5) Reservations may be made in person on or after April 1 at the park where camping is to occur.
- (6) There will be a \$5.00 nonrefundable fee charged for each reservation made at each park, in addition to the standard campsite fee, regardless of the number of days reserved. Payment of the nonrefundable reservation fee and first night's camping fee must accompany the reservation request.
- (7) Recreation, camping and reservation information may be obtained by calling the campsite information center

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on the toll-free telephone number established for that purpose. No reservation may be made by telephone.

- (8) No individual may reserve a campsite in more than one state park, for one or more of the same days.
- (9) Reservations for a specific campsite within a park will not be guaranteed.
- (10) Campsites which have not been reserved may be used on a first-come-first-served basis without paying a reservation fee, if the site is occupied immediately.
- (11) A raincheck will be issued for the camping fee paid for any confirmed reservation which is not used, provided a cancellation request is made by calling the campsite information center or the park in which the site is reserved, no less than twenty-four hours in advance of the first day of the reservation, or in writing to the park, postmarked seven days in advance of the first day of the reservation. Rainchecks will be valid for one year from the date of issue, and may be used toward camping fees in any state park, or may accompany a subsequent reservation request in lieu of payment for the first night's camping fee.
- (12) Campers will be declared no-show and forfeit their reservation as well as the reservation fee and the first night's camping fee if they have not cancelled or if the reservation is not claimed by 9:00 p.m. After this time, the site may be reassigned, unless late arrival arrangements are made with the park by telephone between the hours of 7:00 p.m. and 9:00 p.m. on the day of arrival.
- (13) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 91, filed 2/5/86 [2/25/86])

WAC 352-32-040 Picnicking. Picnicking is permitted only in designated and marked picnicking areas, or in such other places within a state park area as designated by a ranger. Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

**Reviser's note:** The bracketed material preceding the section above was supplied by the code reviser's office.

AMENDATORY SECTION (Amending WSR 90-07-062, filed 3/20/90, effective 4/20/90)

WAC 352-32-050 Park periods. (1) The director shall establish for each state park area, according to existing conditions, times, and periods when it will be open or closed to the public. Such times and periods shall be posted at the entrance to the state park area affected and at the park office. No person shall enter or be present in a state park area after the posted closing time except:

- $((\frac{1}{1}))$  (a) Currently registered campers who are camping in a designated campsite or camping area;
- (((2))) (b) Guests of a currently registered camper who may enter and remain until 10:00 p.m.;
  - (((3))) (c) Guests of a state park employee.
- (2) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 91, filed 2/25/86)

WAC 352-32-053 Park capacities. The director may establish for each state park area according to facilities, design, and/or staffing levels, the number of individuals and/or vehicles allowed in any state park area or structure at any given time or period. No person shall enter in any state park area or facility or bring in or cause to be brought in any vehicle and/or persons which would exceed the capacity as established by the director and when the individual is informed either by signs or by park staff that such capacity has been met and the park is full. Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 91, filed 2/25/86)

WAC 352-32-056 Peace and quiet. To insure peace and quiet for visitors:

- (1) No person shall conduct themselves so that park users are disturbed in their sleeping quarters or in campgrounds or park employees in their sleeping quarters between the quiet hours of 11:00 p.m. and 6:30 a.m.
- (2) No person shall, at any time, use sound-emitting electronic equipment including electrical speakers, radios, phonographs, televisions, or other such equipment, at a volume which emits sound beyond the immediate individual camp or picnic site that may disturb other park users without specific permission of the area ranger.
- (3) Engine driven electric generators may be operated only between the hours of 8:00 a.m. and 9:00 p.m.
- (4) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 96, filed 9/22/86)

- WAC 352-32-060 Pets. (1) All dogs or other pets or domestic animals must be kept on leash no greater than eight feet in length, and under control at all times while in a state parks area.
- (2) In any state park area, dogs, pets, or domestic animals, except for guide dogs, are not permitted on any designated swimming beach; or on any cross country ski trail in which the track has been prepared, set, or groomed; or in any public building unless so posted.
- (3) No person shall allow his dog or other pet or domestic animal to bite or in any way molest or annoy other park visitors. No person shall permit his dog or other pet or domestic animal to bark or otherwise disturb the peace and tranquillity of the park.
- (4) Any person bringing a dog into a state park area shall dispose of any feces deposited by the dog, by placing the feces in a plastic or paper sack. The sack shall then be deposited in a solid waste container.
- (5) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

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AMENDATORY SECTION (Amending Order 9, filed 11/24/70)

WAC 352-32-070 Horseback riding. (1) No horses shall be permitted in any state parks area, except where designated and posted to specifically permit such activity.

- (2) Horses shall not be permitted on any designated swimming area, campground or picnic area.
- (3) No person shall ride any horse or other animal in such a manner that might endanger life or limb of any person or animal, and no person shall allow a horse or other animal to stand unattended or insecurely tied.
- (4) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 108, filed 12/13/88)

WAC 352-32-075 Use of nonmotorized cycles or similar devices in state parks. (1) Whenever used in this section, nonmotorized cycle or similar device shall be defined as any wheeled, operator-propelled equipment which transports the operator on land, except all wheelchairs, to include but not be limited to unicycles, bicycles, tricycles, quadcycles, scooters, and skateboards.

- (2) Operation of nonmotorized cycles or similar devices shall be permitted upon roads and trails in state parks or state park areas, except:
- (a) Where posted with prohibitory signing by approval of the director or designee. Prior to such posting, a public meeting shall be advertised and conducted in the region where the park is located. A closure decision shall be based on an evaluation of the degree of conflict with other park users, public safety, or damage to park resources and/or facilities related to these devices.
- (b) Off public roads within designated "natural areas," "natural forest areas," or "natural area preserves."
- (c) Upon designated special use trails such as interpretive or exercise trails.
  - (d) Upon docks, piers, floats, and connecting ramps.
- (3) Persons operating such devices in state parks and state park areas shall:
  - (a) Obey regulatory signs.
- (b) Restrict speed and manner of operation to reasonable and prudent practices relative to terrain, prevailing conditions, equipment, personal capabilities, personal safety, and the safety of all other park visitors.
  - (c) Yield the right of way to pedestrians.
- (d) Dismount and walk in congested areas and posted walk zones.
- (e) Slow down, make presence known well in advance, and use courtesy and caution when approaching or overtaking other persons.
  - (f) Display adequate lighting during hours of darkness.
- (g) Use caution when approaching turns or areas of limited sight distance.
  - (h) Not disturb or harass wildlife.
- (i) When on public roads within a state park, operate in compliance with any additional requirements of RCW 46.61.750, Effect of regulations—Penalty.
- (4) The director or designee may designate trails for preferential use by cyclists and may specifically authorize

use of any facilities for special cycling recreation events, excluding roads or trails specified in subsection (2) of this section.

(5) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 91, filed 2/25/86)

WAC 352-32-080 Swimming. (1) Swimming areas in state park areas are marked with buoys, log booms, or other markers, clearly designating the boundaries of such areas.

- (2) Any person swimming outside the boundaries of a designated swimming area, or in any area not designated for swimming, or in any area, whether designated for swimming or not, where no lifeguard is present, shall do so at his or her own risk.
- (3) All persons using any designated swimming area shall obey all posted beach rules and/or the instructions of lifeguards, rangers, or other state parks employees.
- (4) No person shall swim in any designated boat launching area.
- (5) No person shall give or transmit a false signal or false alarm of drowning in any manner.
- (6) Use of inflated mattresses, rubber rafts, rubber boats, inner tubes, or other objects, except U.S. Coast Guard approved life jackets, in state park areas for the purpose of buoyancy while swimming or playing in any designated swimming area is prohibited. Concessionaires are not permitted to rent or sell such floating devices within state parks without written approval of the commission.
- (7) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 91, filed 2/25/86)

WAC 352-32-090 Games. Playing games in a manner and/or location which subjects people or personal property, the park resource or facilities to risk of injury or damage shall be prohibited. Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 9, filed 11/24/70)

WAC 352-32-100 Disrobing. (1) No person shall disrobe in public in any state park area.

- (2) Clothing sufficient to conform to common standards shall be worn at all times.
- (3) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 9, filed 11/24/70)

WAC 352-32-110 Tents, etc., on beaches. No person shall erect, maintain, use, or occupy any temporary tent or shelter on any swimming beach in any state park area unless there is an unobstructed view through such tent or shelter

from at least two sides: *Provided, however,* That nothing herein contained shall be construed to authorize camping except in designated areas. Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 94, filed 5/19/86)

WAC 352-32-155 Lakes located wholly within state parks boundaries—Internal combustion engines prohibited. (1) In order to preserve the scenic quality, peace, and tranquility and to protect and preserve the wildlife on lakes lying wholly within state park boundaries, to increase visitor safety, and to limit the degradation of lake water quality, the use of internal combustion engines on lakes lying wholly within the boundaries of state park areas is prohibited except where listed in WAC 352-32-155(2) or when authorized in writing by the director.

(2) Lakes where internal combustion engines may be used are:

Horsethief Lake in Horsethief Lake State Park.

- (3) This provision does not apply to employees of the commission, other law enforcement officers or public agency representatives while engaged in the performance of their duties, or to persons or groups participating in emergency or search and rescue operations.
- (4) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 94, filed 5/19/86)

WAC 352-32-157 Lakes located partially within state park boundaries—Internal combustion engines prohibited. (1) In order to preserve the scenic quality, peace and tranquility, and to protect and preserve wildlife, increase visitor safety, and to limit the degradation of lake water quality, the Washington state parks and recreation commission, in conjunction with the following ordinance(s), prohibits the use of internal combustion engines on the following lakes partially within park boundaries:

Cascade Lake at Moran State Park, San Juan county ordinance 10.16.030.

- (2) This provision does not apply to employees of the commission, other law enforcement officers or governmental agency representatives while engaged in the performance of their duties, or to persons or groups participating in emergency or search and rescue operations.
- (3) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Resolution No. 70, filed 6/17/83)

WAC 352-32-195 Solicitation. Except as may be otherwise allowed in connection with a permit issued under WAC 352-32-165, no person shall engage in commercial solicitation, or sell or peddle any goods, wares, merchandise, liquids, or edibles for human consumption in any state park area, except by concession granted by the commission.

Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 11, filed 7/29/71)

WAC 352-32-220 Intoxication in state park areas. Being or remaining in, or loitering about in any state park area while in a state of intoxication shall be prohibited. Any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending Order 11, filed 7/29/71)

WAC 352-32-230 Food and beverage containers on swimming beaches. (1) The use or possession of any food or beverage container consisting wholly or in part of glass or metal is prohibited on any beach within any state park area, where such beach is designated as a swimming area, or where such beach is customarily and generally used as a swimming area by park patrons though not designated as such.

- (2) The provisions of this rule shall not apply to any portion of the seashore conservation area as designated and established by RCW 43.51.655.
- (3) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 92-15-118, filed 7/21/92, effective 8/21/92)

WAC 352-32-235 Use of metal detectors in state parks. The use and operation of metal detectors, as well as the removal of small contemporary materials, is permitted within selected state parks as designated by the director, subject to the conditions and limitations specified.

- (1) The use of metal detectors is permitted only within specified portions of the developed day use areas of these state parks as posted for public reference.
- (2) The use of metal detectors within a state park shall be limited to daylight hours that the park has posted as "open." No use shall be allowed during periods of seasonal or emergency park closure.
- (3) Any person wishing to use a metal detector shall so indicate to park personnel at the park where the use is to occur, by complying with the registration process provided for such purpose.
- (4) Exceptional uses of metal detectors in state parks may be allowed through the issuance of a special recreation event application, available from the agency.
- (5) This section does not apply to commission employees while engaged in the performance of their duties.
- (6) Persons operating metal detectors in state parks and state park areas shall:
  - (a) Observe all laws and regulations.
- (b) Never destroy or disturb park facilities, natural features, or historical or archeological resources. No item which appears to be of historical or archaeological significance, remaining from either early pioneer activity or from a native American presence, may be removed from the site at which it was found. Any such find shall be

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immediately reported to park personnel, and the area in which the find occurred shall not be disturbed further.

- (c) Limit digging implements to ice picks, screwdrivers and probes not to exceed two inches in width and sand scoops not to exceed six inches in width and eight inches in length, containing perforations no less than one-half inch in width, to be used only on sand surfaces. Any holes dug shall be limited to six inches maximum depth and shall be immediately refilled and the surface restored to its earlier condition.
- (d) Properly dispose of all found or recovered trash and litter.
- (e) Conduct themselves with thoughtfulness, courtesy and consideration for others, and not interfere with other recreational activities. An operator shall not allow any emitted metal detector sound audible to other park users from the Friday before Memorial Day through Labor Day.
- (7) Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

## AMENDATORY SECTION (Amending Order 60, filed 4/14/82)

WAC 352-32-255 Self-registration. In those parks so posted by the commission, park visitors shall register for the use of campsites and shall pay the appropriate fee, as provided for herein, on a self-registration basis, in accordance with all posted instructions. Except as provided in WAC 352-32-310, any violation of this section is an infraction under chapter 7.84 RCW.

## AMENDATORY SECTION (Amending WSR 92-15-119, filed 7/21/92, effective 8/21/92)

WAC 352-32-260 Sno-park permit. Only those vehicles properly displaying a valid winter recreational area parking permit issued by the state of Washington or by another state or nation which honors a Washington state winter recreational area parking permit shall park in designated winter recreational parking areas: *Provided*, That Washington licensed vehicles shall be required to display a Washington state winter recreational area parking permit. Those vehicles in violation of this rule shall be subject to the application of RCW 46.61.587. Any violation of this section is an infraction under chapter 7.84 RCW.

## AMENDATORY SECTION (Amending Order 49, filed 11/21/80)

WAC 352-32-265 Sno-park permit—Display. The winter recreational area parking permit issued by the state of Washington shall be displayed near the lower left corner and on the inside of the windshield of the vehicle when the vehicle is parked in a designated winter recreational parking area. Those vehicles in violation of this rule shall be subject to application of RCW 46.61.587. Any violation of this section is an infraction under chapter 7.84 RCW.

#### **NEW SECTION**

WAC 352-32-310 Penalties. Any violation designated in this chapter as a civil infraction shall constitute a misdemeanor until the violation is included in a civil infraction monetary schedule adopted by rule by the state supreme court pursuant to chapter 7.84 RCW, except that a violation of WAC 352-32-220, 352-32-260, and 352-32-265 shall at all times constitute a civil infraction.

AMENDATORY SECTION (Amending WSR 90-07-050, filed 3/19/90, effective 4/19/90)

WAC 352-37-030 Vehicular traffic—Where permitted—Generally. Subject to the restrictions set forth in subsequent sections of this chapter, and except at the point of intersection of any access road and the beach, the use of motor vehicles on and along the ocean beaches shall be permitted only on that area between the extreme upper or landward limit of the hard sand area and the clam beds, and defined as the "driveable beach" in WAC 352-37-020. The operation, or parking, of any vehicle is prohibited above and on the landward side of the driveable beach. The provisions of this section shall not apply to official vehicles engaged in authorized law enforcement, maintenance, or sanitary patrol activities or emergency vehicles while engaged in the performance of any necessary service.

Areas identified within the Long Beach Peninsula, South Beach, and North Beach Recreation Management Plans as referenced in RCW 43.51.650 through 43.51.765, adopted by local governments located on the same beach and approved by the commission, identify those areas where the operation or parking of any vehicle is prohibited. Exceptions that allow for the use of any vehicles in these areas identified as exclusive pedestrian/nonmotorized use areas are found in WAC 352-37-070. Except as provided in WAC 352-37-220, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 90-07-050, filed 3/19/90, effective 4/19/90)

WAC 352-37-080 Equestrian traffic. (1) Equestrian traffic shall be permitted on and along the ocean beaches within the seashore conservation area year round except where prohibited by this rule or other provision of statute or rule.

- (2) Equestrian traffic shall be permitted only on that area between the extreme upper and landward limit of the hard sand area and the clam beds.
- (3) Equestrian access shall be permitted at the point of intersection of any access road and the beach or any equestrian trail designated by the commission. Upland owners shall also be allowed equestrian access to and from their property, except for commercial purposes.
- (4) Within the seashore conservation area, equestrian traffic shall yield the right of way to all pedestrian or vehicular traffic.
- (5) Horses shall be ridden at a walk or led through areas of heavy pedestrian concentration.
- (6) Equestrian traffic will not be permitted on the Long Beach Peninsula between Bolstad Avenue beach access road

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and 10th Street beach access road from April 15 to the day following Labor Day of the same year.

(7) Except as provided in WAC 352-37-220, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 90-07-050, filed 3/19/90, effective 4/19/90)

WAC 352-37-090 Pedestrians to be granted right of way. Vehicular and equestrian traffic shall at all times yield the right of way to pedestrians on the ocean beaches. Except as provided in WAC 352-37-220, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 90-07-050, filed 3/19/90, effective 4/19/90)

WAC 352-37-100 Parking. Parking of vehicles shall be permitted only in an area extending one hundred feet westerly from the upper or landward limit of the hard sand area, or where otherwise specifically designated by the Washington state parks and recreation commission. Beach parking shall only be allowed in areas open for beach driving. Except as provided in WAC 352-37-220, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 90-07-050, filed 3/19/90, effective 4/19/90)

WAC 352-37-110 Overnight parking or camping prohibited. Overnight parking or camping shall be prohibited on any area of the ocean beaches. Except as provided in WAC 352-37-220, any violation of this section is an infraction under chapter 7.84 RCW.

AMENDATORY SECTION (Amending WSR 90-07-050, filed 3/19/90, effective 4/19/90)

WAC 352-37-130 Speed limits. (1) No person shall operate any motor vehicle on or along any ocean beach at a speed greater than is reasonable and prudent under the conditions and having regard to the actual and potential hazards then existing. In every event speed shall be so controlled as may be necessary to avoid colliding with any person, animal, vehicle or other conveyance on or entering the driveable beach in compliance with legal requirements in the duty of all persons to use due care.

- (2) Except when a special hazard exists that requires lower speed for compliance with subsection (1) of this section, the maximum speed limit for operation of motor vehicles on the ocean beaches shall be twenty-five miles per hour.
- (3) The driver of every motor vehicle operating on the ocean beaches shall, consistent with the requirements of subsection (1) of this section, drive at an appropriate reduced speed when approaching and crossing a beach access road, when approaching one or more parked vehicles, when approaching or traveling past or in the vicinity of a pedestrian or group of pedestrians, and when special hazard exists with respect to pedestrians or other traffic or by reason of weather or beach conditions.

(4) Except as provided in WAC 352-37-220, any violation of this section is an infraction under chapter 7.84 RCW.

#### **NEW SECTION**

WAC 352-37-220 Penalties. Any violation designated in this chapter as a civil infraction shall constitute a misdemeanor until the violation is included in a civil infraction monetary schedule adopted by rule by the state supreme court pursuant to chapter 7.84 RCW.

#### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 352-37-180 Violations—Penalty.

## WSR 92-19-106 PERMANENT RULES GAMBLING COMMISSION

[Order 230-Filed September 18, 1992, 10:58 a.m.]

Date of Adoption: September 10, 1992.

Purpose: To provide for limitations for commercial amusement games in locations authorized by a revision of RCW 9.46.0331.

Citation of Existing Rules Affected by this Order: Amending WAC 230-20-685.

Statutory Authority for Adoption: RCW 9.46.070 (3)(11)(14).

Pursuant to notice filed as WSR 92-08-057 on March 26, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 18, 1992

Sharon M. Tolton
Rules Coordinator

#### **NEW SECTION**

WAC 230-20-685 Commercial amusement games—Wager and prize limitations. For locations authorized under WAC 230-04-138 (1)(g), (i), or (j), where school-aged minors are allowed to play, the following limitations shall apply.

- (1) Prize limitations. No prize offered shall exceed a cost to the operator of one hundred dollars.
- (2) Consideration. The maximum wager for play shall not exceed fifty cents.

## WSR 92-19-107 PERMANENT RULES GAMBLING COMMISSION

[Order 231-Filed September 18, 1992, 11:02 a.m.]

Date of Adoption: September 11, 1992.

Purpose: To update WAC rules to support current policies of the commission.

Citation of Existing Rules Affected by this Order: Amending WAC 230-50-010, 230-50-012, 230-50-150, 230-08-010, 230-08-025, and 230-30-200.

Statutory Authority for Adoption: RCW 9.46.070.

Pursuant to notice filed as WSR 92-16-039 (WAC 230-30-200) on July 31, 1992; and WSR 92-14-018 on June 22, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 18, 1992 Sharon M. Tolton Rules Coordinator

AMENDATORY SECTION (Amending Order 223, filed 6/17/91, effective 7/18/91)

WAC 230-08-010 Monthly records. Every person or organization licensed to operate any authorized gambling activity shall keep and maintain permanent monthly records of all of the activities of the licensee related to each licensed activity. Each of these records shall be maintained by the licensee for a period of not less than three years from the end of the fiscal year for which the record is kept unless the licensee is released by the commission from this requirement as to any particular record or records. These records must include all financial transactions and contain enough detail to determine compliance with the requirements of WAC 230-04-024, 230-04-080 and 230-08-122. The record for each licensed activity shall be a separate unit, covering all transactions occurring during a calendar month. These records shall be complete in every detail and available for audit or inspection by agents of the commission or other law enforcement personnel no later than thirty days following the end of each month. Each record shall include, but not necessarily be limited to, all details of the following:

- (1) The gross gambling receipts from the conduct of each of the activities licensed.
- (2) Full details on all expenses related to each of the activities licensed.
- (3) The total cost of all prizes paid out for each of the activities licensed.
- (4) With respect to those organizations licensed as qualified bona fide charitable or bona fide nonprofit organizations, except agricultural fairs, records shall clearly show in detail how those proceeds from each licensed activity obtained by the licensee were used or disbursed by that licensee.
- (5) With respect to commercial stimulant licensees, records shall include at least the following details:
- (a) Gross sales of food and drink for consumption on their licensed premises;
- (b) Gross sales of food and drink for consumption off the licensed premises; and
- (c) Gross sales from all other business activities occurring on the licensed premises.
- (6) In addition to any other requirement set forth in these rules, licensees for the operation of punchboards and pull tabs shall be required to prepare a detailed monthly record for punchboards and pull tab series removed from play during that month. This detailed monthly record shall be recorded in a standard format prescribed by the commission and shall disclose for each set at minimum the following information:

- (a) The name of the punchboard or pull tab series;
- (b) The Washington state identification and inspection services stamp number issued by the commission and placed thereon: Provided, that when records entry labels are attached to the punchboard or pull tab series flare, a label shall be attached to the record in lieu of a written entry;
  - (c) The date removed from play;
- (d) The total number of tabs in each pull tab series or the total number of punches in each punchboard;
- (e) The number of pull tabs or punches remaining after removal from play;
- (f) The number of pull tabs or punches played from the pull tab series or punchboard;
- (g) The cost to the players to purchase one pull tab or one punch;
- (h) The gross gambling receipts as defined in WAC 230-02-110:
- (i) The total prizes paid, including both cash and merchandise (calculated by the cost to the licensee) prizes;
- (j) The net gambling receipts (gross gambling receipts less total prizes paid);
- (k) The cash over or short determined by (((1))) (i) subtracting actual cash from net gambling receipts for punchboards and pull tabs which pay cash prizes, and (((2))) (ii) subtracting actual cash from gross receipts for punchboards and pull tabs which award merchandise prizes; and
- (l) The actual cash received from the operation of each pull tab series or punchboard; and,
- (m) With written commission approval, licensees operating pull tabs to stimulate food and drink sales may record (k) and (l) of this subsection in total on a daily, weekly, or monthly basis, if their ((record keeping)) recordkeeping procedures meet commission standards.
- (7) ((In addition to any other requirements set forth in these rules, electronic crane operators who own or lease the games shall be required to prepare a detailed monthly record covering the operation of each machine. This record shall contain the following for each machine and location:
- (a) The commission identification stamp number of each game;
- (b) The coin in meter reading at the beginning of the month:
- (c) The coin in meter reading at the ending of the month;
  - (d) The number of plays;
  - (e) The gross gambling receipts;
  - (f) Number of prizes awarded;
  - (g) Cost of prizes awarded;
  - (h) Net gambling receipts;
  - (i) The actual cash removed; and
  - (i) The cash over and short.
- (8))) Copies of all additional financial data which support tax reports to any and all governmental agencies.

AMENDATORY SECTION (Amending Order 201, filed 11/27/89, effective 12/28/89)

WAC 230-08-025<sup>1</sup> Accounting records to be maintained by distributors and manufacturers. Every licensed distributor and manufacturer shall keep and maintain a complete set of records which include all details of all

activities of the licensee related to the conduct of the licensed activity. These records shall be recorded using the double entry accounting system and maintained in accordance with generally accepted accounting principles. This system shall also be on the same basis as the licensee's federal income tax return. All records shall be maintained for a period of not less than three years following the end of the licensee's fiscal year. These records shall be updated at least once a month and provide a monthly balance for each account. The minimum record system shall include the following:

- (1) Sales invoices every manufacturer and distributor shall record every sale, return, or any other type of transfer of punchboards/pull tabs, or pull tab dispensing devices ((exelectronic crane-game)) by completing a standard sales invoice or credit memo. These invoices shall set out the following information:
- (a) Each invoice must be prenumbered at the time of purchase. The numbering must be consecutive, using not less than four digits: Provided, that manufacturers may use a computer generated numbering system if the same system is used for all sales and specific numbers can not be input by use of a manual override function;
- (b) The date of sale. For distributors only: If the date of delivery is different, then the delivery date must also be entered:
- (c) The customer's name and an adequate business address:
- (d) A full description of each item sold, including the identification and inspection services stamp number for each item. For all sales occurring after December 31, 1988, distributors shall use a standard invoice in a format prescribed and approved by the commission. A separate line shall be used for each stamp number. This invoice shall provide space for the operator to either attach a records entry label or enter the identification and inspection services stamp number and the date the device was placed out for play. These spaces shall be adjacent to the written entry of the I.D. stamp number made by the distributor;
- (e) The quantity and sales price of each individual item, including individual items of merchandise to be used as prizes on punchboards and pull tabs;
- (f) The gross amount of each sale to each customer including all discount terms and the total dollar amount of any discount;
- (g) The sales invoice shall be prepared in at least three parts: Provided that after December 31, 1988, all distributor invoices shall have at least four parts; and the invoices shall be distributed and maintained as follows:
- (i) The original shall be issued to the customer: Provided that after December 31, 1988, an additional copy of distributor invoices shall be provided to the customer;
- (ii) One shall be retained in an invoice file by customer name; and
- (iii) One shall be retained in an invoice file by invoice number or in an alternative manner that accounts for each invoice numerically. This provision may be waived if the licensee receives written commission approval.
- (h) Credit memos for returned items shall be prepared in the same detail as ((items)) (a) through (g) ((above)) of this subsection.

- (2) Sales journal the sales journal shall contain at least, but not be limited to, the following by month:
  - (a) The date of the sale;
  - (b) The invoice number of the sale;
  - (c) The customer name or person remitting a payment;
  - (d) Sales shall be categorized at least by the following:
  - (i) Punchboards that pay out cash prizes;
  - (ii) Punchboards that pay out merchandise prizes;
  - (iii) Pull tabs that pay out cash prizes;
  - (iv) Pull tabs that pay out merchandise prizes;
  - (v) Pull tab dispensing devices;
- (vi) Merchandise: Only that which is used as a prize on a punchboard, or pull tab series ((or in an electronic crane game.));
  - (vii) ((Electronic crane games;
- (viii))) Other types of sales including but not limited to, equipment leases, equipment sales, and bingo supplies.
  - (e) Total amount of the invoice;
- (3) Cash disbursements book (check register) this record shall include a recording of all checks issued by the licensee, cash payments made by the licensee, or payments made by any other means. All expenses by the licensee, both gambling and nongambling related, shall be documented by invoices or other appropriate supporting documents. Entries to this record shall contain at least, but not limited to, the following information by month:
  - (a) The date the check was issued or payment made;
  - (b) The number of the check issued;
  - (c) The name of the payee; and
- (d) Each disbursement shall be categorized by type of expense.
- (4) Cash receipts all cash receipts shall be recorded in an original book of entry whether it be a sales journal, a check register, or a separate cash receipts journal, and at a minimum shall include a recording of not only cash sales, but also cash received from all sources, and shall contain at least, but not limited to, the following by month:
  - (a) The date the payment was received;
  - (b) The name of the person remitting the payment;
  - (c) The amount of payment received;
- (5) General ledger each licensee whose gambling related sales exceed \$500,000 per year, shall have a general ledger which shall contain, in addition to all other accounts by month, a separate sales account for each type of sale.
- (6) Bank reconciliation a bank reconciliation shall be performed each month. In addition, all undeposited funds at year end shall be reconciled in an account titled cash on hand.
- (7) Copies of all financial data which support tax reports to any and all governmental agencies.
- (8) Manufacturer shall maintain records that provide an accountability trail for all identification and inspection stamps purchased. These records shall include enough details to allow audit of all used, unused, and damaged stamps and includes the following minimum items:
  - (a) The name of the purchaser;
  - (b) The date of the sale; and
  - (c) The invoice number recording the sale.
- (9) An alternative format may be used for ((sections)) subsections (1)(a), (( $(\frac{1}{1})$ ))(g)(ii), (( $(\frac{1}{1})$ ))(g)(iii), (( $(\frac{1}{1})$ ))(h), (2), and (3), ((above)) of this section upon advance written approval from the commission.

AMENDATORY SECTION (Amending Order 110, filed 6/15/81)

WAC 230-30-200 Punchboard and pull tab business restrictions. (1) No operator shall buy, receive or otherwise obtain, nor shall any manufacturer or distributor, or anyone connected therewith, sell or deliver any punchboard, pull tab, pull tab dispensing device or related equipment, or merchandise for prizes to be awarded in connection with such activities, to any operator, except a cash (({the})) basis nor shall any operator permit any manufacturer or distributor or anyone connected therewith, to acquire any interest, including a security interest, in any such equipment or merchandise. A cash basis shall consist of payment in full, either by cash or by check, with payment made to the seller by the operator upon, or prior to, actual physical delivery of the merchandise to the operator: Provided, That when a check is used for payment to constitute a cash basis payment it shall be presented for payment into the banking system by the end of the tenth calendar day following the day the check is written. If an operator can demonstrate by a preponderance of evidence that it has properly made a payment by check, as required by this section, then it will not be held liable for a violation of this rule if the violation is caused solely by the failure of the manufacturer or distributor to deposit the check into the banking system in a timely fashion.

- (2) No operator shall accept a loan of money or any thing of value from any manufacturer or distributor, or from anyone connected therewith.
- (3) If the operator is acquiring a pull tab dispensing device(s) and/or related equipment(s) with a unit purchase price exceeding one thousand United States dollars, the distributor or an independent leasing company may extend financing to the operator, for all or a portion of the purchase price, in the form of:
- (a) A lease agreement, term of which shall not exceed forty-eight months.
- (b) A rental agreement, term of which shall not exceed forty-eight months.
- (c) A rental agreement, term of which shall not exceed forty-eight months, in which a portion of the rent may be applied to the purchase price at the end of the agreement (rent to own).
- (4) Copies of all lease or rental agreements, as set forth in subsection (3) of this section, shall be provided by the operator to the commission within thirty days of the execution of those agreements.

AMENDATORY SECTION (Amending Order 200, filed 11/27/89, effective 12/28/89)

WAC 230-50-010 

√ Adjudicated proceedings—

Hearings. (1) Adjudicated proceedings shall be commenced for any and all matters wherein the commission is causing administrative charges to be brought against any applicant, licensee or permittee within the limitations to chapter 34.05 RCW as applicable.

(2) The commission shall afford an applicant for a license an opportunity for an adjudicated proceeding prior to denying such application, and shall afford a licensee the

opportunity for an adjudicated proceeding prior to suspending or revoking a license.

- (3) ((The commission will-afford a person applying to the commission to exceed the limit on gross receipts in bingo games under WAC 230 20 251 an opportunity for an adjudicated proceeding prior to denying that application.
- (4))) The commission will afford a person applying to the commission for approval of a pull tab dispensing device under WAC 230-30-095 an opportunity for an adjudicated proceeding prior to denying approval of such device.
- (((5))) (4) No hearing will be conducted with respect to any adjudicated proceeding unless ((a-{an})) an application for an adjudicated proceeding and request for hearing is timely filed by the applicant or licensee with the commission in compliance with WAC 230-50-210. The application must be made upon a form to be obtained from the commission, or facsimile thereof, and must be received within 20 days following service upon the party affected by the commission or the director of a notice of administrative charges and opportunity for an adjudicated proceeding. Said document shall contain the maximum penalty that may be assessed should an application not be filed by the party affected. An application for an adjudicated proceeding and request for hearing shall accompany all notices of administrative charges.
- (((6))) (5) If an application for an adjudicated proceeding is not timely filed, then the party affected shall have waived the right to a hearing on the allegations set forth in the notice of administrative charges. The party shall be deemed to be in default pursuant to RCW 34.05.440 and the commission and director may take action against the party not to exceed the maximum penalty as stated in the notice of administrative charges and opportunity for an adjudicated proceeding, which action shall be final.
- (6) The procedures of RCW 34.05.485, brief adjudicative proceedings, shall be used for the following purposes:
- (a) All hearings in which the penalty sought by the commission is for a suspension of seven days or less;
- (b) Hearings held pursuant to WAC 230-50-015 (stay of summary suspension);
- (c) Hearings in which the parties have stipulated to facts or the parties have stipulated to charges, and the hearing is limited to a determination of whether facts constitute violations as charged and/or determination of appropriate penalty to be imposed; or
- (d) Where the parties have stipulated to the use of brief adjudicative proceedings.

AMENDATORY SECTION (Amending Order 207, filed 3/13/90, effective 4/13/90)

WAC 230-50-012 Summary suspensions. (1) Pursuant to RCW 34.05.422(4), the director may ((summarily suspend a license or permit issued pursuant to these rules pending a hearing upon suspension or revocation of the license, or issuance of a renewal thereof, for a period not to exceed 90 days when in the opinion of the commission or the director:

(a) The licensee or permittee has obtained the license or permit by fraud, trick, misrepresentation, concealment, or through inadvertence or mistake; or

- (b) The licensee or permittee has engaged in any act, practice or course of operation as would operate as a fraud or deceit on any person, or has employed any device, scheme or artifice to defraud any person; or
- (c) The licensee or permittee has again violated, failed, or refused to comply with any of the provisions, requirements, limitations, or duties imposed by chapter 9.46 RCW and any amendments thereto, or any rules adopted by the commission pursuant thereto, after having been previously notified by the commission, its authorized representatives, or by local law enforcement personnel, that a violation or violations of the same or similar provisions had been, or were being, committed by the licensee or permittee; or
- (d) Immediate cessation of the licensed or permitted activities by the licensee or permittee is necessary for the protection or preservation of the welfare of the community within which these activities are being conducted.
- (2))) exercise the commission's authority to summarily suspend any license or permit issued to such licensee or permittee upon a determination that one or more of the actions identified in subsection (2) of this section have occurred and that immediate cessation of the licensed or permitted activities is necessary for the protection or preservation of the safety and welfare of the public. Suspension of a license under this provision shall take effect immediately upon service of the summary suspension order unless otherwise provided in the order.
- (2) The commission deems the following actions of a licensee or permittee to constitute an immediate danger to the public safety and welfare which may require the immediate cessation of licensed or permitted activities:
- (a) Failure or refusal to comply with the provisions, requirements, conditions, limitations, or duties imposed by chapter 9.46 RCW and any amendments thereto, or any rules adopted by the commission pursuant thereto;
- (b) Knowingly causing, aiding, abetting, or conspiring with another to cause any person to violate any of the laws of this state or the rules of the commission;
- (c) Obtaining a license or permit by fraud, misrepresentation, concealment, or through inadvertence or mistake;
- (d) Conviction of, or forfeiture of a bond upon a charge of, or having pled guilty to, forgery, larceny, extortion, conspiracy to defraud, willful failure to make required payments or reports to a governmental agency at any level, or filing false reports therewith, or of any similar offense or offenses, or of bribing or otherwise unlawfully influencing a public official or employee of any state or the United States, or of any crime, whether a felony or misdemeanor involving any gambling activity or physical harm to individuals or involving moral turpitude;
- (e) Allowing any person who has been convicted of, or forfeited bond upon, any of the offenses included under (d) of this subsection, to participate in the management or operation of any activity regulated by the commission without prior written approval of the commission or its director;
- (f) Licensee is subject to current prosecution or pending charges, or a conviction which is under appeal, for any of the offenses included under (d) of this subsection;

- (g) Denying the commission or its authorized representatives, including authorized local law enforcement agencies, access to any place where a licensed activity is conducted or failure to promptly produce for inspection or audit any book, record, document, or item required by law or commission rule;
- (h) Making a misrepresentation of, or failure to disclose, a material fact to the commission;
- (i) Licensee has pursued or is pursuing economic gain in an occupational manner or context which is in violation of the criminal or civil public policy of this state if such pursuit creates probable cause to believe that the participation of such person in gambling or related activities would be inimical to the proper operation of an authorized gambling or related activity in this state. For the purposes of this section, occupational manner or context shall be defined as the systematic planning, administration, management, or execution of an activity for financial gain; and
- (j) Licensee is a career offender or a member of a career offender cartel or an associate of a career offender or career offender cartel in such a manner which creates probable cause to believe that the association is of such a nature as to be inimical to the policy of chapter 9.46 RCW or to the proper operation of the authorized gambling or related activities in this state. For the purposes of this section, career offender shall be defined as any person whose behavior is pursued in an occupational manner or context for the purpose of economic gain utilizing such methods as are deemed criminal violations of the public policy of this state. A career offender cartel shall be defined as any group of persons who operate together as career offenders.
- (3) When a license or permit has been summarily suspended by the director, an adjudicated proceeding shall be commenced and the licensee or permittee shall be afforded an opportunity for a hearing before an Administrative Law Judge or the commission, upon the question of the suspension or revocation of the license or permit, or upon the renewal of the license or permit should it expire during the period of summary suspension. If an application for an adjudicated proceeding and request for hearing is timely filed by the licensee or permittee, then a hearing shall be held within 90 days of the effective date of the summary suspension ordered by the director.

WAC 230-50-015 Stay of summary suspension. (1) Upon summary suspension of a license or permit by the director pursuant to WAC 230-50-012, an affected licensee or permittee may petition the commission for a stay of suspension pursuant to RCW 34.05.467 and 34.05.550(1). Such petition must be received by the commission within fifteen days of service of the summary suspension order.

(2) Within seven days of receipt of a petition for stay, a hearing shall be held before an administrative law judge appointed by the commission pursuant to WAC 230-50-020, or if an administrative law judge is not available during this period, before a commissioner designated by the chairperson. The hearing shall be limited to consideration of whether a stay should be granted, or whether the terms of the

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suspension may be modified to allow the conduct of limited activities under current licenses or permits.

- (3) Any hearing conducted pursuant to subsection (2) of this section shall be conducted under RCW 34.05.485, brief adjudicated proceedings. The agency record for the hearing shall consist of the information upon which the summary suspension was based and may be supplemented by any information obtained by the commission subsequent to the date of the suspension order. The licensee or permittee shall have the burden of demonstrating by clear and convincing evidence that:
- (a) The licensee or permittee is likely to prevail upon the merits at hearing;
- (b) Without relief, the licensee or permittee will suffer irreparable injury. For purposes of this section, elimination of income from licensed activities shall not be deemed irreparable injury;
- (c) The grant of relief will not substantially harm other parties to the proceedings; and
- (d) The threat to the public safety or welfare is not sufficiently serious to justify continuation of the suspension, or that modification of the terms of the suspension will adequately protect the public interest.
- (4) The initial order on stay shall be effective immediately upon service unless another date is specified in the order.

### NEW SECTION

WAC 230-50-018 Review of orders on stay. (1) The licensee, permittee, or agency may petition the commission for review of an initial order on stay. Petition for review must be in writing and received by the commission within twenty-one days of service of the initial order. If neither party has requested review within twenty-one days of service, the initial order shall be deemed the final order of the commission for purposes of RCW 34.05.467.

- (2) If the commission receives a timely petition for review, the commission shall consider the petition at the next regularly scheduled meeting of the commission. Consideration on review shall be limited to the record of the hearing on stay. A commissioner acting as hearing officer pursuant to WAC 230-50-015(2) shall not be disqualified from considering the petition for review of an initial order on stay unless a party demonstrates grounds for disqualification in accordance with RCW 34.05.425.
- (3) The order of the commission on the petition for review shall be effective upon service unless another date is specified in the order and is final pursuant to RCW 34.05.467. Final disposition of the petition for stay shall not affect subsequent administrative proceedings for suspension or revocation of a license or permit.

# AMENDATORY SECTION (Amending Order 200, filed 11/27/89, effective 12/28/89)

WAC 230-50-150 Adjudicated proceedings—Notice of hearing—Requirements. All parties that have filed a timely application for adjudicated proceeding shall be served with a notice of hearing at least seven days before the date set for the hearing unless all parties consent to a shorter period. The notice shall state the time, ((place and issues involved, as required by RCW 34.04.090(1))) and place of

the hearing and all other requirements of RCW 34.05.434(2): *Provided*, That brief adjudicative proceedings, conducted pursuant to WAC 230-50-010(7) and RCW 34.05.485, shall normally be conducted telephonically and the place of the hearing will not be set in the notice of hearing. Either or both parties may request to appear in person and, in such cases, a place will be set and all parties notified.

#### **NEW SECTION**

WAC 230-50-235 Brief adjudicative proceedings—Discovery limitations. In all brief adjudicative proceedings, discovery requests to the agency shall be limited to requests for production of written reports and supporting documents relevant to the charges. Interrogatories and depositions shall not be allowed.

## WSR 92-19-124 PERMANENT RULES SUPERINTENDENT OF PUBLIC INSTRUCTION

[Order 92-07—Filed September 21, 1992, 3:58 p.m.]

Date of Adoption: September 4, 1992.

Purpose: To implement changes in the levy lid calculations and local effort assistance payment schedule as required by chapter 49, Laws of 1992.

Citation of Existing Rules Affected by this Order: Repealing WAC 392-139-243 and 392-139-674; and amending WAC 392-139-115, 392-139-122, 392-139-172, 392-139-310, 392-139-675, and [new section] WAC 392-139-676.

Statutory Authority for Adoption: RCW 28A.150.290(2) and 84.52.0531(10).

Pursuant to notice filed as WSR 92-15-002 on July 2, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 21, 1992 Judith A. Billings Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 18, filed 7/19/90, effective 8/19/90)

WAC 392-139-115 Definition—Basic education allocation. As used in this chapter, "basic education allocation" means the amount of state moneys calculated by the superintendent of public instruction which is the basis for the superintendent's distribution of moneys to school districts for the operation of a basic program of education pursuant to RCW 28A.150.200, et seq., RCW 28A.150.250, and 28A.150.260, chapter 392-121 WAC, and the Biennial Operating Appropriations Act. The amount of a school district's total guaranteed entitlement plus ((substitute teacher and)) skills center summer program funding as reported on the August Report 1191 before any proration due to less than one hundred percent funding is considered a school district's basic education allocation in determining the school district's excess levy base pursuant to WAC 392-139-310.

AMENDATORY SECTION (Amending Order 18, filed 7/19/90, effective 8/19/90)

WAC 392-139-122 Definition—4155 Learning assistance ((program)). As used in this chapter, "4155 Learning assistance ((program))" means the school district general fund revenue account in which is recorded revenue for a learning assistance program pursuant to RCW 28A.165.010 through 28A.165.190, chapter 392-162 WAC, and the Biennial Operating Appropriations Act.

AMENDATORY SECTION (Amending Order 18, filed 11/22/89, effective 12/23/89)

WAC 392-139-172 Definition—6176 ((Instructional aid, ESSIA, Chapter 2)) Targeted assistance, ESSIA, Chapter 2, P.L. 100-297. As used in this chapter, "6176 ((Instructional aid, ESSIA, chapter 2)) Targeted assistance, ESSIA, chapter 2, P.L. 100-297" means the school district general fund revenue account in which are recorded federal revenues authorized under chapter 2 of the Elementary and Secondary School Improvement Act (ESSIA) and distributed by the superintendent of public instruction pursuant to chapter 392-165 WAC.

AMENDATORY SECTION (Amending Order 18, filed 11/22/89, effective 12/23/89)

WAC 392-139-310 Determination of excess levy base. The superintendent of public instruction shall calculate each school district's excess levy base as follows:

- (1) Sum the following state and federal allocations for the prior school year:
- (a) The basic education allocation as defined in WAC 392-139-115 and as reported on the August Report 1191;
- (b) The state and federal categorical allocations for the following:
- (i) Pupil transportation. Allocations for pupil transportation include allocations for the following accounts:
  - 4199 Transportation operations; and
  - 4499 Transportation reimbursement depreciation.
- (ii) Handicapped education. Allocations for handicapped education include allocations for the following accounts:
  - 4121 Education of handicapped children;
  - 6124 Handicapped supplemental, EHA, Part B; and
  - 6127 Handicapped deinstitutionalized.
- (iii) Education of highly capable students. Allocations for education of highly capable students include allocations identified by account 4174 Highly capable.
- (iv) Compensatory education. Allocations for compensatory education include allocations identified by the following accounts:
  - 4155 Learning assistance ((program));
  - 4165 Transitional bilingual;
  - 6151 Remediation, ESSIA, chapter 1;
  - 6153 Migrant, ESSIA, chapter 1;
  - 6162 Refugee programs;
  - 6164 Bilingual, Title VII, P.L. 95-561 (SPI);
  - 6167 Indian education, JOM;
  - 6264 Bilingual, Title VII, P.L. 95-561 (direct); and
  - 6268 Indian education, P.L. 92-318.

- (v) Food services. Allocations for food services include allocations identified by the following accounts:
  - 4198 School food services (state);
  - 6198 School food services (federal); and
  - 6998 USDA commodities.
- (vi) State-wide block grant programs. Allocations for state-wide block grant programs include allocations identified by the following accounts:
  - 4175 Local education program enhancement; and
- 6176 ((Instructional aid, ESSIA, chapter 2)) Targeted assistance, ESSIA, chapter 2, P.L. 100-297.
- (c) General federal programs. Allocations for general federal programs identified by the following accounts:
  - 5200 General purpose direct grants, unassigned;
  - 6100 Special purpose, SPI, unassigned;
  - 6138 Secondary vocational education, P.L. 98-524;
  - 6146 Skills center:
  - 6177 Mathematics and science:
  - 6200 Direct special purpose grants; and
  - 6246 Skills center, direct federal grant.
- (2) Increase the result obtained in subsection (1) of this section by the following percentage:
- (a) For 1992, the percentage increase per full-time equivalent student in the state basic education appropriation between the prior school year and the current school year.
- (b) For 1993 and thereafter, the percentage increase per full-time equivalent student in the state basic education appropriation between the prior school year and the current school year as stated in the Operating Appropriations Act divided by 0.55.
- (3) Revenue accounts referenced in subsection (1) of this section are from the September 1989 accounting manual for public school districts in the state of Washington, revised 1990.
- (4) The dollar amount of revenues for state and federal categorical allocations identified in this section shall come from the following sources:
- (a) The following state and federal categorical allocations are taken from the Report 1197 Column A (Annual Allotment Due):
  - 4121 Education of handicapped children;
  - 4155 Learning assistance ((program));
  - 4165 Transitional bilingual;
  - 4174 Highly capable;
  - 4175 Local education program enhancement;
  - 4198 School food services (state);
  - 4199 Transportation operations;
  - 4499 Transportation reimbursement depreciation;
  - 6124 Handicapped supplemental, EHA, Part B;
  - 6127 Handicapped deinstitutionalized;
  - 6138 Secondary vocational education, P.L. 98-524;
  - 6146 Skills center;
  - 6151 Remediation, ESSIA, chapter 1;
  - 6153 Migrant, ESSIA, chapter 1;
  - 6162 Refugee programs;
- 6176 ((Instructional aid, ESSIA, chapter 2)) Targeted assistance, ESSIA, chapter 2, P.L. 100-297;
  - 6177 Mathematics and science; and
  - 6198 School food services (federal).
- (b) The following state and federal allocations are taken from the F-195:
  - 5200 General purpose direct grants, unassigned;

6100 Special purpose, SPI, unassigned;

6164 Bilingual, Title VII, P.L. 95-561 (SPI);

6167 Indian education, JOM;

6200 Direct special purpose grants;

6246 Skills center, direct federal grant;

6264 Bilingual, Title VII, P.L. 95-561 (direct);

6268 Indian education, P.L. 92-318; and

6998 USDA commodities.

AMENDATORY SECTION (Amending Order 18, filed 11/22/89, effective 12/23/89)

WAC 392-139-675 Allocation of local effort assistance—1992 Calendar year. For the 1992 calendar year, the superintendent of public instruction shall allocate to each eligible school district its entitlement to local effort assistance according to the following schedule:

January	10.5%
February	10.5%
March	10.5%
April	10.5%
May	6.5%
June	6.5%
July	8.5%
August	8.5%
September	7.5%
October	7.5%
November	5.5%
December	7.5%

#### **NEW SECTION**

WAC 392-139-676 Allocation of local effort assistance—1993 and thereafter. For the 1993 calendar year and thereafter, the superintendent of public instruction shall distribute local effort assistance moneys pursuant to the schedule provided in RCW 28A.500.010 (4)(b).

#### **REPEALER**

The following sections of the Washington Administrative Code are repealed:

WAC 392-139-243 Definition—Levy reduction funds—Calendar year 1989.
WAC 392-139-674 Allocation of local effort assistance for calendar year 1989.

## WSR 92-19-125 PERMANENT RULES SUPERINTENDENT OF PUBLIC INSTRUCTION

[Order 92-08-Filed September 21, 1992, 4:00 p.m.]

Date of Adoption: September 4, 1992.

Purpose: To revise the method of allocating state moneys for indirect costs of institutional education programs.

Citation of Existing Rules Affected by this Order: Amending WAC 392-122-255 and 392-122-900.

Statutory Authority for Adoption: RCW 28A.150.290. Pursuant to notice filed as WSR 92-15-094 on July 17, 1992.

Effective Date of Rule: Thirty-one days after filing.

September 21, 1992

Ludith A Billings

Judith A. Billings Superintendent of Public Instruction

AMENDATORY SECTION (Amending Order 92-03, filed 1/10/92, effective 2/10/92)

WAC 392-122-255 State institutional education program—Institutional program indirect cost. State institutional education program moneys for the purpose of recognition of institutional program indirect costs shall be allocated to school districts as follows:

- (1) For the 1991-92 school year, the allocation shall be based on the school district's indirect cost percent for the institutional program from Report F-196 Part III and in accordance with the state Operating Appropriations Act.
- (2) For the 1992-93 school year and thereafter, the allocation shall be based on the indirect cost rate assumed in the state Operating Appropriations Act.

AMENDATORY SECTION (Amending Order 85-16, filed 12/9/85)

WAC 392-122-900 General provision—Carryover prohibition. Categorical apportionment moneys shall not be carried over by a school district from one school district fiscal year to another. ((Moneys distributed by the superintendent of public instruction for a categorical program which remain unspent during the applicable school district fiscal year in expenditure classifications deemed allowable by the superintendent of public instruction including indirect expenditures and abatements listed on Year End Financial Statement F 196 Part III, shall:))

- (1) The superintendent of public instruction shall recover categorical program allocations made pursuant to this chapter which are not expended by the school district during the school year for allowable program costs:
- (a) Moneys recovered at the end of the school year beginning during the first year of each biennium ((revert to the superintendent of public instruction)) shall be available for reallocation((; and
  - (2))) by the superintendent of public instruction.
- (b) Moneys recovered at the end of the school year beginning during the second year of each biennium shall revert to the state treasurer: *Provided*, That if prior to recovery, insufficient moneys are available to fully fund those programs operating in the second year of the biennium, any moneys recovered shall first be allocated to fully fund these programs.
- (2) Except as provided in subsection (3) of this section, the amount recovered pursuant to subsection (1) of this section shall be determined as follows:
- (a) Determine the state allocation for the categorical program;
- (b) Determine the district's expenditures for the program including indirect expenditures and abatements deemed allowable by the superintendent of public instruction as reported on Year-End Financial Statement F-196, Part III or such other document filed by the district pursuant to instructions provided by the superintendent of public instruction;

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- (c) If the amount of (a) of this subsection exceeds the amount of (b) of this subsection, the difference shall be recovered.
- (3) The amount recovered pursuant to subsection (1) of this section for the institutional education program for the 1992-93 school year and thereafter shall be determined as follows:
- (a) Determine the state allocation for the institutional education program excluding any amount provided for indirect costs;
- (b) Determine the district's direct expenditures for the institutional education program as reported on Year-End Financial Statement F-196 or such other document filed by the district pursuant to instructions provided by the superintendent of public instruction;
- (c) If the amount of (a) of this subsection exceeds the amount of (b) of this subsection, the difference shall be recovered.

## WSR 92-19-131 PERMANENT RULES CLOVER PARK TECHNICAL COLLEGE

[Filed September 22, 1992, 2:26 p.m.]

Date of Adoption: September 15, 1992.

Purpose: Adoption of new rules for administration of a legislatively created new technical college.

Statutory Authority for Adoption: RCW 28B.50.140. Other Authority: RCW 42.30.075, chapter 238, Laws of 1991.

Pursuant to notice filed as WSR 92-12-050 on May 29, 1992.

Changes Other than Editing from Proposed to Adopted Version: WAC 495C-116-030, definition of "student" added; WAC 495C-116-050, "trade extension" changed to "continuing education"; WAC 495C-116-060, stricken and succeeding sections renumbered accordingly; WAC 495C-130-020, change "business office" to "financial services"; WAC 495C-280-060, student records to be maintained in accordance with state archivist's retention schedule; WAC 495C-280-110, change "student services" to "student records"; and change registration records custodian to vice-president, administrative services.

Effective Date of Rule: Thirty-one days after filing.

September 15, 1992

Philip S. Hayes
Chair, Board of Trustees

### Chapter 495C-116 WAC PARKING AND TRAFFIC

#### **NEW SECTION**

WAC 495C-116-010 Purpose for adopting parking and traffic rules. Under the authority granted RCW 28B.50.140(10), the board of trustees of Clover Park Technical College is granted authority to adopt rules for pedestrian and vehicular traffic upon public lands devoted to,

operated by, or maintained by the college. The objectives of these rules are to:

- (1) Protect and control pedestrian and vehicular traffic;
- (2) Assure access at all times for emergency traffic;
- (3) Minimize traffic disturbances during class hours;
- (4) Facilitate the work of the college by assuring access to its vehicles and by assigning limited parking space for the most efficient use by all:
  - (5) Regulate the use of parking spaces;
  - (6) Protect state-owned property.

#### **NEW SECTION**

WAC 495C-116-020 Applicable parking and traffic rules. (1) All rules in this chapter and all motor vehicle and other traffic laws of the state of Washington apply on the campus.

(2) The traffic code of the county of Pierce applies upon all lands located within the county of Pierce.

#### **NEW SECTION**

WAC 495C-116-030 Definitions. The definitions set forth in this section apply throughout this chapter.

- (1) "Board" means the board of trustees of Clover Park Technical College.
- (2) "Campus" means all lands and buildings devoted to, operated by, or maintained by Clover Park Technical College.
- (3) "Campus security officer" means an employee of the college who is responsible for campus traffic control, parking, security, and safety.
  - (4) "College" means Clover Park Technical College.
- (5) "Safety and security supervisor" means the college's safety and security supervisor.
- (6) "Employee" means an individual appointed to the staff or administration of the college.
- (7) "Guests or visitors" mean persons who come upon the campus as guests or persons who lawfully visit the campus.
- (8) "Continuing permits" mean permits issued to full-time employees for an indefinite period of time.
- (9) "Annual permits" mean permits that are valid from the date of issue until the first day of the following fall quarter.
- (10) "Temporary permits" mean permits that are valid for a specific period designated on the permit.
- (11) "Vehicle" means an automobile, truck, motor-driven cycle, scooter, or any vehicle otherwise powered.
- (12) "Student" means any person enrolled in a program at the college.

#### **NEW SECTION**

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WAC 495C-116-040 Authorization for issuance of permits. (1) The campus security officer or a designee may issue parking permits to students, employees, and guests upon the following:

- (a) When the vehicle is properly registered with the college;
- (b) When a permanent or special parking permit is necessary to enhance the business or operation of the college.

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(2) Additional permits are available at the current fee schedule to individuals who may be registered to drive any one of several vehicles. Only one vehicle registered to an individual under one permit fee is permitted to park on campus at any one time.

#### **NEW SECTION**

WAC 495C-116-050 Vehicle parking permits. (1) All full-time and part-time employees and students of the college except evening continuing education employees and students shall obtain and display a currently valid parking permit on all vehicles parked or left standing unattended upon the college campus for either day or night classes, in accordance with WAC 495C-116-040.

(2) All persons parking on the campus shall, as required, secure and display a currently valid parking permit within five days from their date of registration or from their first day of employment.

#### **NEW SECTION**

WAC 495C-116-060 Responsibility of person to whom permit is issued. The person to whom a parking permit is issued is responsible for all violations of rules involving the vehicle; however, that responsibility does not relieve the driver of the responsibility for violations of the rules established by this chapter. If a vehicle in violation is not registered with the college, the current registered owner will be responsible for the violations of the campus rules.

#### **NEW SECTION**

WAC 495C-116-070 Display of permits. The parking permit issued by the college must be visibly affixed on the outside of the rear window of the vehicle for which the permit is issued, on the lower left-hand corner of the window as viewed from the rear of the vehicle or be suspended from the rearview mirror with the special hanger provided. Motorcycle permits must be affixed in a conspicuous place.

#### **NEW SECTION**

WAC 495C-116-080 Transfer of permits. Parking permits are not transferable. If a vehicle is sold or traded, the permit is voided and the replacement vehicle must be registered and a permit will be reissued.

#### **NEW SECTION**

WAC 495C-116-090 Permit revocation. Permits are licenses and are the property of the college, and may be revoked for any of the following reasons:

- (1) When the purpose for which the permit was issued changes or no longer exists;
- (2) When a permit is used on an unregistered vehicle or by an unauthorized person;
  - (3) Falsification on a vehicle registration application;
  - (4) Continued violations of parking and traffic rules;
  - (5) Counterfeiting or altering of permits:
- (6) Failure to comply with the Washington State Financial Responsibility Act;
  - (7) Unpaid fines.

#### **NEW SECTION**

WAC 495C-116-100 Right to refuse permit. The college vice-president for auxiliary services or designee reserves the right to refuse the issuance of a parking permit to anyone who has had a previous permit revoked, or whose driving or parking record indicates a disregard for the rights or safety of others.

#### **NEW SECTION**

WAC 495C-116-110 Appeal of permit revocation or refusal. When a parking permit has been revoked under WAC 495C-116-090 or has been refused in accordance with WAC 495C-116-100 or when a fine or penalty has been levied against a violator of this chapter, that action by the vice-president for auxiliary services or designee may be appealed in accordance with WAC 495C-116-170.

#### **NEW SECTION**

WAC 495C-116-120 Delegation of authority. The authority and powers conferred upon the president by this chapter are subject to delegation to subordinates.

#### **NEW SECTION**

WAC 495C-116-130 Enforcement. (1) Parking and traffic rules will be enforced at all times.

(2) The vice-president for auxiliary services or designee is responsible for the enforcement of this chapter.

#### **NEW SECTION**

WAC 495C-116-140 Violation of parking and traffic rules. (1) Operators of illegally operated or parked vehicles shall be warned or cited through an appropriate means that they are in violation of this chapter. All fines are payable at the cashier's office.

(2) In instances where violations are flagrant or repeated, and in the judgment of the campus security officer or designee, with appropriate documented evidence, the vehicle may be impounded.

#### **NEW SECTION**

WAC 495C-116-150 Issuance of traffic tickets or summons. (1) The campus security officer or designee may issue a warning or citation for a violation of these regulations. The warning or citation must set forth the date, the approximate time, permit number, license information, and the nature of violation.

(2) The warning or citation may be served by attaching or affixing a copy in some prominent place outside the vehicle or by personally serving the operator.

#### **NEW SECTION**

WAC 495C-116-160 Fines and penalties. The vicepresident for auxiliary services or designee may impose the following fines and penalties for violation of this chapter:

(1) The college shall publish the schedule in the College Handbook and on the traffic parking citation form.

(2) Fines will be assessed in accordance with the schedule for the following violations:

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- (a) No valid permit displayed;
- (b) Visitor parking violations;
- (c) Occupying more than one parking space;
- (d) Occupying a space or area not designated for parking;
  - (e) Handicapped parking violation;
  - (f) Parking in an area not authorized by a permit;
  - (g) Parking in reserved staff space without authorization;
- (h) Blocking or obstructing traffic (may be towed if creating a safety hazard);
- (i) Parking adjacent to a fire hydrant (may be towed if creating a safety hazard);
- (j) Parking in a fire lane (may be towed if creating a safety hazard);
  - (k) Parking in a zone or area marked no parking;
  - (1) Other violations of college parking traffic rules.
- (3) At the discretion of the vice-president for auxiliary services or designee, an administrator or staff member who has an accumulation of citations may be subject to disciplinary action or have the matter turned over to a private collection agency for the collection of past due fines. Other appropriate collection procedures may be initiated as deemed necessary.
- (4) If a student fails or refuses to pay an uncontested fine that has been outstanding in excess of five working days, the vice-president for auxiliary services or designee may initiate the following actions:
- (a) The student may not be able to obtain college records until all fines are paid;
- (b) The student will not be able to register for subsequent quarters until all fines are paid.
- (5) Vehicles parking in a manner so as to obstruct traffic, including access to and from parking spaces and areas, may be subject to a fine and may be impounded and taken to a place for storage selected by the campus security officer or designee. The expenses of the impounding and storage are the responsibility of the registered owner or driver of the vehicle.
- (6) Vehicles impounded by means of an immobilizing device shall be charged a service fee according to the current fee schedule.
- (7) The college is not liable for loss or damage of any kind resulting from impounding and storage of vehicles.
- (8) Persons may appeal the issuance of a citation according to WAC 495C-116-170.

- WAC 495C-116-170 Appeal of citations and penalties. (1) Appeals must be made in writing, giving full particulars, including a list of witnesses and evidence expected to be presented, etc.
- (2) Appeals must be submitted to the vice-president for auxiliary services or designee within five working days from the date of citation.
- (3) If an appeal is not resolved to the satisfaction of the alleged violator, he or she has five additional working days from the receipt of the decision of the vice-president for auxiliary services or designee to appeal.

#### **NEW SECTION**

WAC 495C-116-180 Disclaimer of liability by college. The college assumes no liability under any circumstances for theft or damage occurring to motor vehicles, bicycles, or their contents. No bailment of any sort is created by the purchase of a parking permit.

#### **NEW SECTION**

- WAC 495C-116-190 Designation of parking. The parking spaces available on campus may be allocated and designated by the vice-president for auxiliary services in such a manner as will best achieve the objectives of this chapter.
- (1) Special provisions shall be made for physically disabled employees, visitors, students, or their designees. Physically disabled individuals using handicapped parking spaces must display on that vehicle a valid state-issued disabled parking permit or license plate. The campus security officer or designee shall issue permits for temporarily handicapped persons and for those with state handicapped parking permits pending. In addition to the disabled permit, valid college parking permits must be displayed on the vehicle.
- (2) Spaces specifically designated as "visitor" are to be used only by visitors driving vehicles without continuing or annual permits as specified by the posted signs.
- (3) The vice-president for auxiliary services or designee may designate parking spaces for special purposes as deemed necessary.

#### **NEW SECTION**

- WAC 495C-116-200 Parking within designated spaces. (1) No vehicle may be parked on the campus except in those areas set aside and designated for parking.
- (2) No vehicle may be parked so as to occupy any portion of more than one parking space or stall.

#### **NEW SECTION**

WAC 495C-116-210 Regulatory signs, markings, barricades, etc. The vice-president for auxiliary services or designee may make and erect signs, barricades, and other structures and paint marks and other directions upon the streets, entrances, exits, and roadways for the regulation of traffic and parking upon the various public lands devoted to, operated by, or maintained by the college. Drivers of vehicles shall observe and obey all the signs, barricades, structures, markings, and directions.

#### **NEW SECTION**

WAC 495C-116-220 Speed limit. No vehicle may be operated on the campus at a speed in excess of that posted, or such slower speed as is reasonable and prudent to the circumstances.

#### **NEW SECTION**

WAC 495C-116-230 Pedestrian right of way. (1) The operator of a vehicle shall yield the right of way to any pedestrian. A pedestrian shall not leave a curb or other

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place of safety and walk or run into the path of an oncoming vehicle.

(2) When a sidewalk or crosswalk is provided, pedestrians shall proceed upon the sidewalk or crosswalk.

#### **NEW SECTION**

WAC 495C-116-240 Two-wheeled motorcycles or bicycles. All vehicles and bicycles shall park in designated areas only.

#### **NEW SECTION**

WAC 495C-116-250 Report of accidents. (1) The operator of a vehicle involved in an accident on campus resulting in injury or death of a person or claimed damage to either or both vehicles exceeding five hundred dollars shall immediately report the accident to the campus security office. Accidents occurring after the close of business must be reported the next working day.

(2) Other minor accidents may be reported to the campus security office for insurance record purposes.

#### **NEW SECTION**

WAC 495C-116-260 Disabled or inoperative vehicles—Impounding. (1) Disabled or inoperative vehicles shall not be parked on the campus for a period exceeding seventy-two hours, without authorization from the vice-president for auxiliary services or designee.

- (2) Vehicles parked over seventy-two hours without authorization may be impounded and stored at the expense of either or both the owner and operator of the vehicle.
- (3) Notice of intent to impound will be posted on the vehicle and sent by registered mail to the legal owner at least forty-eight hours before impounding.

#### **NEW SECTION**

WAC 495C-116-270 Authority to establish parking fee. The president or designee shall set and review as necessary parking permit fees in accordance with WAC 495C-116-280 and a schedule of fines and penalties in accordance with WAC 495C-116-160.

#### **NEW SECTION**

WAC 495C-116-280 Parking permit fees. Fees shall be levied in accordance with the current published fee schedule.

### Chapter 495C-130 WAC TUITION AND FEE SCHEDULES

#### **NEW SECTION**

WAC 495C-130-010 Tuition and fee schedules. Chapter 28B.15 RCW sets the parameters for tuition and fee levels at state community and technical colleges. The legislature then establishes current biennium tuition and fee rates.

#### **NEW SECTION**

WAC 495C-130-020 Location of schedules. Additional and detailed information and specific amounts to be charged for each category of students will be found in the following locations on the Clover Park Technical College campus:

- (1) Counseling office;
- (2) Financial aid office;
- (3) Financial services;
- (4) Student records office.

## Chapter 495C-280 WAC FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

#### **NEW SECTION**

WAC 495C-280-010 General policy. Clover Park Technical College implements the policy contained in this chapter in compliance with the Family Educational Rights and Privacy Act (20 U.S.C. § 1232g) and its implementing regulation (34 C.F.R. § 99). Briefly, Clover Park Technical College is required to provide students with access to their own education records, to permit students to challenge their records on the grounds that they are inaccurate, misleading, or otherwise in violation of the student's privacy or other right, to obtain written consent before releasing certain information and to notify students of these rights.

#### **NEW SECTION**

WAC 495C-280-015 Definitions. For the purposes of this policy, the following definitions of terms apply:

- (1) "Student" means any individual who is or has been in attendance at Clover Park Technical College and for whom the college maintains education records.
- (2) "Education records" are defined as those records, files and documents (in handwriting, print, tapes, film, microfiche or other medium) maintained by Clover Park Technical College which contain information directly related to the individual student. Education records include only the following:
- (a) Records pertaining to admission, advisement, registration, grading, and progress toward a degree that are maintained by student records.
- (b) Testing information used for advisement purposes by the counseling center.
- (c) Information concerning payment of fees as maintained by the business office.
- (d) Financial aid information as collected by the financial aid office.
- (e) Information regarding students participating in student government or other student activities maintained by the student council advisor's office.
- (3) "Directory Information" means the student's name, address, telephone number, date and place of birth, major field of study, eligibility for and participation in officially recognized activities, organizations, dates of attendance, honor roll, degrees and awards received, and the most recent previous educational agency or institution attended by the student. Directory information may be disclosed at the discretion of the college and without the consent of the

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student unless he or she elects to prevent disclosure as provided for in WAC 495C-280-070.

- (4) "Written consent" means a written authorization for disclosure of student education records which is:
  - (a) Signed;
  - (b) Dated;
  - (c) Which specifies the records to be disclosed; and
  - (d) Which specifies to whom disclosure is authorized.
- (5) "Personally identifiable" means data or information which includes: The name of the student, the student's parent(s), or other family members; a personal identifier such as the student's social security number or student number; or a list of personal characteristics which would make the student's identity easily traceable.

#### **NEW SECTION**

WAC 495C-280-020 Annual notification of rights. Clover Park Technical College will notify students of their rights under the Family Educational Rights and Privacy Act of 1974 by publication in the college catalog and new students during the registration process. The college shall make available upon request a copy of the policy governing release of student records. In addition, the college shall post at conspicuous places on the campus information regarding the existence of this policy and of the availability of copies.

#### **NEW SECTION**

- WAC 495C-280-030 Procedure to inspect education records. (1) Students may inspect and review their education records upon request to the appropriate college official as designated in WAC 495C-280-110.
- (2) Students must submit to the appropriate college official a written request which identifies as precisely as possible the record or records he or she wishes to inspect.
- (3) The appropriate college official will make the needed arrangements for access as promptly as possible and notify the student of the time and place where the records may be inspected. Access must be given in forty-five working days or less from the receipt of the request.

#### **NEW SECTION**

#### WAC 495C-280-040 Disclosure of education records.

- (1) Disclosure of education records. In addition to "directory information" the college may, at its discretion, make disclosures from education records of students to the following listed parties:
- (a) College staff, and students officially elected or appointed to the Clover Park Technical College student council. Access or release of records to the above is permissible only when the information is required for advisement, counseling, recordkeeping, reporting, or other legitimate educational interest consistent with their specific duties and responsibilities;
- (b) To officials of another school in which the student seeks or intends to enroll;
- (c) To authorized federal, state, or local officials as required by law;
- (d) In connection with financial aid for which the student has applied or received;

- (e) To appropriate parties in a health or safety emergency;
- (f) To accrediting organizations to carry out their functions;
- (g) To parents of an eligible student who claim the student as a dependent for income tax purposes; and
- (h) To comply with a judicial order or a lawfully issued subpoena.
- (2) The college shall not permit access to or the release of education records or personally identifiable information contained therein, other than "directory information," without the written consent of the student, to any party other than the above.
- (3) Education records released to third parties shall be accompanied by a statement indicating that the information cannot be subsequently released in a personally identifiable form to other parties without obtaining the consent of the student. The college is not precluded from permitting third party disclosure to other parties listed in (a) through (h) of this subsection.

#### **NEW SECTION**

- WAC 495C-280-050 Limits on rights to review and inspect and obtain copies of education records. (1) When a record contains information about more than one student, the student may inspect and review only the records which relate to him or her.
- (2) Clover Park Technical College reserves the right to refuse to permit a student to inspect the following records:
  - (a) The financial statement of the student's parents;
- (b) Letters and statements of recommendation for which the student has waived his or her right of access, or which were placed in file before January 1, 1975;
- (c) Records connected with an application to attend Clover Park Technical College if that application was denied; and
- (d) Those records which are excluded from the Federal Rights and Privacy Act definition of education records.
- (3) Clover Park Technical College reserves the right to deny transcripts or copies of records not required to be made available by the Federal Educational Rights and Privacy Act in any of the following situations:
- (a) The student has an unpaid financial obligation to the college;
- (b) There is an unresolved disciplinary action against the student.

#### **NEW SECTION**

- WAC 495C-280-060 Record of request and disclosures. (1) The college shall maintain a record of requests for and disclosures of personally identifiable information in the education records of each student. The record maintained under this section shall be available for inspection and review as provided in WAC 495C-280-050.
- (2) The college shall maintain the record with the education records of the student in accordance with the state archivist's retention schedule.
  - (3) The record must include:
- (a) The names of parties who have received personally-identifiable information;

- (b) The interest the parties had in requesting or obtaining the information; and
- (c) The names and interests of additional parties to which the reviewing educational agency or institution may disclose or redisclose the information.
- (4) The following parties may inspect the record of requests and disclosures relating to a student:
  - (a) The student:
- (b) The college officials who are responsible for the custody of the records; and
- (c) Persons authorized to audit the recordkeeping procedures of the college.
- (5) The college is not required to maintain a record if the request was from, or the disclosure was to:
  - (a) The student:
  - (b) A school official;
  - (c) A party with written consent from the student; or
  - (d) A party seeking directory information.

WAC 495C-280-070 Disclosure of directory information. Directory information may be disclosed at the discretion of the college and without the consent of the student unless the student elects to prevent disclosure by filing a written request with the president or designee to prevent disclosure. The request continues in effect according to its terms unless revoked in writing by the student.

#### **NEW SECTION**

WAC 495C-280-080 Requests for corrections, hearings, adding statements to education records. Students have the right to request to have records corrected that they believe are inaccurate, misleading, or in violation of their privacy rights. Following are the procedures for the correction of records:

- (1) A student must submit a written request to amend his or her education record to the appropriate college official responsible for the custody of the record as designated in WAC 495C-280-110. The request must identify the part of the record he/she desires changed and specify why the record is believed to be inaccurate, misleading or in violation of his or her privacy or other rights.
- (2) A student whose request for amendment of an education record has been denied may request a hearing by submitting a written request to the president or designee within ten working days following the denial. The written request must be signed by the student and shall indicate the reasons why the records should be amended. The president or designee shall notify the student of the hearing within thirty working days after receipt of a properly filed request. In no case will the notification be less than ten working days in advance of the date, time and place of the hearing.
- (3) The hearing shall be a brief adjudicative proceeding as provided in RCW 34.05.482 and 34.05.485 through 34.05.494 and shall be conducted by a designee who does not have a personal interest in the outcome of the hearing. At the hearing, the student shall be afforded a full and fair opportunity to present evidence relevant to the issues raised in the original request to amend the student's education records. The student may be assisted by one or more individuals, including an attorney.

- (4) The hearing officer will prepare a written decision, within thirty working days after the conclusion of the hearing, based solely on the evidence presented at the hearing. The decision will include a summary of the evidence presented and the reasons for the decision. A copy of the decision shall be made available to the student.
- (5) If the hearing officer decides the information is inaccurate, misleading, or in violation of the student's right of privacy, the custodian of the record will amend the record and notify the student, in writing, that the record has been amended.
- (6) If the hearing officer decides that the challenged information is not inaccurate, misleading, or in violation of the student's right of privacy, the hearing officer will notify the student in writing that the student has a right to place in the record a rebuttal statement commenting on the challenged information and/or a statement setting forth reasons for disagreeing with the decision.
- (7) The student's rebuttal statement will be maintained as part of the student's education records as long as the contested portion is maintained. If the contested portion of the education record is disclosed, the statement will also be disclosed.

#### **NEW SECTION**

WAC 495C-280-090 Fees for copies. Copies of student records shall be made at the expense of the requesting party at actual cost for copying as posted at the student records office.

#### **NEW SECTION**

WAC 495C-280-100 Waiver. A student may waive any of his or her rights under this chapter by submitting a written, signed, and dated waiver to the office of the president or designee. Such a waiver shall be specific as to the records and persons or institutions covered. A waiver continues in effect according to its terms unless revoked in writing which is signed and dated.

#### **NEW SECTION**

### WAC 495C-280-110 Type and location of education records.

Types	Location	Custodian
Admission Records,	Student Records	Vice-President, Administrative Services
Instructional	Student Records	Vice-President, Administrative Services
Records, Testing Records, Registration	Student Records	Vice-President, Administrative Services
Payment of Tuition Records	Student Records	Vice-President for Administrative Services
Student Council	Counseling Office	Vice-President, Student Services
Financial Aid	Financial Aid Office	Vice-President for Student Services

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Records, Student

Student Records

Vice-President,

Administrative Services

**Employment Records** 

Human Resources

Vice-President for Human Resources

#### **NEW SECTION**

WAC 495C-280-120 Remedy for students protected by this act. A student may file a written complaint with the U.S. Department of Education regarding an alleged violation of the Federal Education Rights and Privacy Act. The address is:

Family Policy and Regulations Office U.S. Department of Education Washington, D.C. 20202

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# WSR 92-19-005 EMERGENCY RULES STATE BOARD FOR COMMUNITY AND TECHNICAL COLLEGES

[Filed September 3, 1992, 11:28 a.m.]

Date of Adoption: September 3, 1992.

Purpose: Repeal of former rule and enactment of a new set of running start rules for the State Board for Community and Technical Colleges (WAC 131-46-010 through 131-46-120).

Statutory Authority for Adoption: Chapter 28B.50 RCW.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: The State Board for Community and Technical Colleges finds that repeal of the former rule and enactment of a new rule with one coordinated with counterpart rules (which will be filed separately by the Higher Education Coordinating Board and the Superintendent of Public Instruction's office probably by reference to our rules) will result in a more efficient and effective administration of the running start program. The original running start legislation designates the State Board for Community and Technical Colleges as the lead agency in rules coordination for the running start program.

Effective Date of Rule: Immediately.

September 3, 1992 Claire C. Krueger Rules Coordinator Executive Assistant

#### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 131-32-050 Running start program

### Chapter 131-46 WAC SPECIAL SERVICE PROGRAMS — RUNNING START PROGRAM

#### **NEW SECTION**

WAC 131-46-010 Authority. The authority for this chapter is RCW 28A.600.390, which authorizes the superintendent of public instruction, the state board for community and technical colleges, and the higher education coordinating board to jointly develop and adopt rules governing RCW 28A.600.300 through 28A.600.380, and 28A.150.260 and 28A.150.290 which authorize the superintendent of public instruction to adopt rules governing basic education allocation moneys.

#### **NEW SECTION**

WAC 131-46-015 Purpose. The purpose of this chapter is to set forth policies and procedures governing the running start program.

#### **NEW SECTION**

WAC 131-46-020 Running start program — Definition. As used in this chapter, the term "running start program" means the enrollment of an eligible student under this chapter simultaneously in school district and community college or technical college courses, or both, or solely in community college or technical college courses, or both, for the purpose of earning high school credit to be awarded by a school district, and such additional college level academic and vocational credit as may be awarded by a community college or technical college.

#### **NEW SECTION**

WAC 131-46-025 Eligible student — Definition. As used in this chapter, the term "eligible student" means any person, including a person who is otherwise attending a private school or receiving home-based instruction, who meets each of the following conditions:

- (1) The person is under the age of twenty-one years of age at the beginning of the school year (September 1 through August 31).
- (2) The person is eligible by reason of his or her residence or admission under the law to enroll in the school district through which the person seeks to obtain the award of running start program high school credit. See, RCW 28A.175.090 ("at risk" students), 28A.225.160 (residents of a school district), 28A.225.170 (residents of United States and Indian reservations), 28A.225.210 (residents of "nonhigh" school districts), and RCW 28A.225.220 ("choice" students).
- (3) The person is eligible under the grade placement policies of the school district through which the person seeks to obtain running start program high school credit to be in the eleventh or the twelfth grade.
- (4) The person has not as of the beginning of the school year received a high school diploma or its equivalent, excluding a general education development certificate.
- (5) The person has not as of the beginning of the school year earned the credits required for the award of a high school diploma by the school district through which the person seeks to obtain the award of running start program high school credit.

#### **NEW SECTION**

WAC 131-46-030 Full-time equivalent high school student—Definition. The definition of a "fulltime equivalent high school student" for purposes of the generation of basic education allocation moneys and enrollment limitations under this chapter means and includes, each eligible student enrolled in a school district high school program as of the fourth school day of the school year (September 1 through August 31) and/or as of the first school day of eight subsequent months, for not less than twenty-five hours each week, or five hours (three hundred minutes) each scheduled school day.

WAC 131-46-035 Full-time equivalent community college and technical college student—Definition. The definition of a "full-time equivalent community college student" and "full-time equivalent technical college student" for purposes of the generation of basic education allocation moneys and enrollment limitations under this chapter means and includes each eligible student enrolled in a community college or a technical college as of the fourth college day of the school year (September 1 through August 31) and/or as of the first college day of eight subsequent months, for not less than fifteen quarter credit hours.

#### **NEW SECTION**

WAC 131-46-040 Annual average full-time equivalent student—Definition. The definition of "annual average full-time equivalent student" for purposes of the generation of basic education allocation moneys and enrollment limitations under this chapter, means and includes the quotient obtained by dividing the annual total of an eligible student's full-time running start program enrollment counts reported under WAC 392-169-100 by nine.

#### **NEW SECTION**

WAC 131-46-045 Community college and technical college districts—Definition. As used in this chapter, the terms "community college district" and "technical college district" mean the appointed board of trustees of a Washington public community college district or technical college districts and the territory, facilities, and educational programs under the jurisdiction of the board of trustees.

#### **NEW SECTION**

WAC 131-46-050 Community and technical colleges—Definition. As used in this chapter, the terms "community college" and "technical college" mean a Washington public two-year institution of higher education under the jurisdiction of a community college district or technical college district.

#### **NEW SECTION**

WAC 131-46-055 School district—Definition. As used in this chapter, the term "school district" means the elected board of directors of a Washington public school district and the territory, facilities, and educational programs under the jurisdiction of the board of directors.

#### **NEW SECTION**

WAC 131-46-060 Annual notice to students and parents. Each school district shall annually provide general information respecting the running start program to all tenth and eleventh grade students of the school district and their parents and guardians.

#### **NEW SECTION**

WAC 131-46-065 Enrollment—General requirements and conditions. The enrollment of an eligible student in the running start program shall be governed as follows:

- (1) An eligible student is responsible for applying for and pursuing admissions to a community college or technical college.
- (2) It shall not be necessary for an eligible student to obtain a release of attendance from his or her resident school district in order for the student to enroll in any community college or technical college.
- (3) An eligible student is entitled to enroll in any community college and any technical college in the state for running start program purposes subject to each of the following conditions and limitations:
- (a) Enrollment is limited to college level academic or vocational courses.
- (b) Prior conformation pursuant to WAC 392-169-065 by the school district through which the student seeks to obtain the award of running start program high school credit of the amount of high school credit to be awarded.
- (c) Acceptance by the community college or technical college subject to generally applicable admission and enrollment requirements and limitations established by the community college or technical college, including a determination that the student is competent to profit from the college level academic or vocational course(s) the student seeks to enroll in: PROVIDED, That a technical college shall not deny admission or continued attendance to a student under twenty-two years of age with a disability based upon impaired competency or the creation of a disruptive atmosphere associated with the person's disability.
- (d) The limitations upon the duration and extent of community college and technical college course enrollment set forth at WAC 392-169-070.
- (4) An eligible student shall not be required by a community college or technical college to pay any tuition or other fee as a condition to the student's full participation in community college and technical college course work and related activities, or as a condition to the award of credit therefor: PROVIDED, That requiring a student to provide and pay for consumable supplies, textbooks, and other materials to be retained by the student does not constitute the assessment of tuition or a fee for purposes of this subsection.
- (5) Once an eligible student has been enrolled in a community college or technical college course or program, the student shall not be displaced by another student: PROVIDED, That the student's continued enrollment in a course or program and enrollment in other courses or programs shall be subject to generally applicable enrollment requirements and limitations established by the community college or technical college: PROVIDED FURTHER, That a technical college shall not deny continued attendance to a student under twenty-two years of age with a disability based upon impaired competency or the creation of a disruptive atmosphere associated with the student's disability.

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WAC 131-46-070 Enrollment—High school credit— Prior confirmation. As a condition to an eligible student's enrollment in community college or technical college courses under this chapter, the eligibility of the courses which the student intends to take for the award of high school credit and the amount of such credit shall first be established, as follows:

- (1) The student shall notify the school district through which the student seeks to obtain the award of running start program high school credit of the specific community college and technical college courses he or she intends to take and shall request confirmation of the amount of high school credit that will be awarded upon successful completion of the courses.
- (2) The school district shall establish in accordance with chapter 180-51 WAC the amount of high school required or elective credit that shall be awarded for each course successfully completed by the student.
- (3) If no comparable course is offered by the school district, the school district superintendent shall determine the amount of high school credit which shall be awarded, if any, following consultation with a community college or technical college representative designated for that purpose.
- (4) Within twenty school district business days of a student's request for confirmation of credit the school district superintendent or other designated school district representative shall confirm in writing the amount of high school credit which shall be awarded upon successful completion of the courses.

#### **NEW SECTION**

WAC 131-46-075 Enrollment—Extent and duration. The extent and duration of an eligible student's enrollment in the running start program shall be limited as set forth in subsections (1) through (5) of this section: PROVIDED, That a school district and a community college district or technical college district may mutually agree to allow eligible students to exceed such enrollment limitations so long as the enrollment claimed for basic education allocation purposes does not exceed the WAC 392-169-105 full-time equivalent student claim limitations.

- (1) The combined enrollments of an eligible student in a high school and in a community college or technical college, or any combination thereof, under this chapter shall not concurrently exceed one full-time equivalent student. Accordingly, an eligible student must elect to enroll in high school for less than twenty-five hours per week in order to concurrently enroll in a community college or technical college.
- (2) A student who enrolls in grade eleven may enroll in a school district, community college, technical college, or any combination thereof, for no more than the course work equivalent to two regular academic years of attendance as an annual average full-time equivalent student, (i.e., six college quarters as a full-time equivalent community college or technical college student, two one hundred eighty-day or more regular school years as a high school full-time equivalent student, or a combination thereof not to exceed two annual average full-time equivalent enrollment(s).

- (3) A student who enrolls in grade twelve may enroll in a school district, community college, technical college, or any combination thereof, for no more than the course work equivalent to one regular academic year of attendance as an annual average full-time equivalent student.
- (4) A student who becomes eligible during the regular school year for the award of a high school diploma by the school district through which the student seeks the award of running start program high school credit shall nevertheless continue subject to the restrictions of subsections (1) and (2) of this section to be eligible for enrollment n the running start program through the last day of the regular one hundred eighty-day or more school year of the school district at which time the student's entitlement to enroll under this chapter shall terminate.
- (5) A student whose twenty-first birthday occurs during the regular school year shall nevertheless continue subject to the restrictions of subsections (1) and (2) of this section to be eligible for enrollment in the running start program through the last day of the regular one hundred eighty-day or more school year of the school district through which the student seeks to obtain running start program high school credit at which time the student's entitlement under this chapter to enroll shall terminate.

#### **NEW SECTION**

WAC 131-46-080 Academic standards and discipline—Jurisdiction of educational agencies. Each school district, community college district and technical college district shall have and exercise exclusive jurisdiction over academic and discipline matters involving an eligible student's enrollment and participation in courses of, and the receipt of services and benefits from, the school district, the community college district and the technical college district.

#### **NEW SECTION**

WAC 131-46-085 Compliance with federal and state requirements of law-Special education program requirements-Necessary cooperative agreements. As a general rule, a school district, a community college district and a technical college district are independently responsible for assuring compliance with federal and state requirements of law which are applicable to the provision of services and benefits by the school district, community college district or technical college district under this chapter. If, however, the individualized education program of an eligible student established under chapter 392-171 WAC provides for such enrollment in a community college or a technical college, the school district which established the individualized education program shall also be responsible for assuring compliance with chapter 392-171 WAC in connection with the student's enrollment in the community college or technical college. School districts, community college districts and technical college districts shall enter into cooperative agreements as necessary to assure compliance with their respective duties under federal and state law, including agreements which substantiate a school district's claim to necessary federal and state special education funding.

WAC 131-46-090 High school credit—Award by school districts. Upon confirmation by a community college or technical college of an eligible student's successful completion of running start program courses, the school district shall record on the student's secondary school records and transcript the high school credit previously confirmed under WAC 392-169-065, together with a notation that the courses were taken at a community college or technical college. See WAC 180-51-050 which provides for the conversion of college credits to high school credits at the rate of one high school credit for five college quarter or three college semester hour credits.

#### **NEW SECTION**

WAC 131-46-095 Finance—Generation of state and federal moneys. Each eligible student shall generate state and federal moneys based upon the student's enrollment under this chapter in school district, community college, or technical college courses or programs, or any combination thereof, in accordance with the definitions of full-time equivalent students set forth in WAC 392-169-025 through 392-169-035, the enrollment and enrollment count limitations set forth in WAC 392-169-070 and 392-169-105, rules of the superintendent of public instruction set forth at Title 392-WAC which supplement and do not conflict with this chapter, and the Biennial Operating Appropriations Act.

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### **NEW SECTION**

WAC 131-46-100 Finance—Community college and technical college reporting requirements. Each community college and technical college that enrolls an eligible student under this chapter shall periodically report enrollment information as follows:

- (1) Within ten calendar days of acceptance of the student, provide written notice to the student, superintendent of public instruction, and the school district through which the student seeks to obtain running start program high school credit of the courses and the credit hours or instructional/clock hours of enrollment.
- (2) On a monthly basis, provide such enrollment information to the school district through which the student seeks to obtain the award of running start program high school credit as is necessary for the school district to claim basic education allocation moneys under this chapter and chapter 392-121 WAC including, but not limited to, notice of termination of the student's enrollment in a course due to absence, withdrawal, suspension, or expulsion.

#### **NEW SECTION**

WAC 131-46-105 Finance—School district reporting requirements. Each school district through which an eligible student seeks to obtain running start program high school credit shall make all reports to the superintendent of public instruction in accordance with this chapter and chapter 392-121 WAC as are necessary to substantiate the district's

entitlement to the receipt of basic education allocation moneys based upon the student's high school, community college, and technical college enrollment under this chapter. Eligible students shall be so reported as full-time equivalent students, or fractions thereof, in accordance with the definitions of full-time equivalent students set forth at WAC 392-169-025 through 392-169-035.

#### **NEW SECTION**

WAC 131-46-110 Finance-Limitations on enrollment counts. No eligible student enrolled in a high school, community college, technical college, or any combination thereof, reported under WAC 392-169-095 and 392-169-100 shall be counted as more than one full-time equivalent student for any single month or more than one annual average full-time equivalent student in any school year: PROVIDED, That an eligible student who enrolls in grade eleven and elects to enroll in a summer community college or technical college program that school year in order to accelerate his or her high school graduation may be counted as more than one annual average full-time equivalent student for that school year: PROVIDED FURTHER, That the student shall not be counted the succeeding school year as more than one annual average full-time equivalent student less that portion of the prior school year count which exceeded one annual average fulltime equivalent student count.

#### **NEW SECTION**

WAC 131-46-115 Finance—Apportionment and payment of basic education allocation moneys to community college districts and technical college districts. School districts and community or technical college districts may enter into agreements which provide for and govern the apportionment and payment of basic education allocation moneys generated by running start program students. In the absence of such an agreement to the contrary, the school district through which an eligible student seeks to obtain running start program high school credit shall apportion such moneys and make payment on not less than a quarterly basis to the community college or technical college district serving the student under this chapter as follows:

- (1) If an eligible student is enrolled exclusively in a community college or a technical college, all basic education moneys generated by the student shall be paid to the community college district or technical college of enrollment: PROVIDED, That in such cases the school district through which the student seeks to obtain running start program high school credit may retain up to five percent of such moneys to offset costs incurred in evaluating and granting high school credit and processing basic education allocation claims and payments.
- (2) If an eligible student is enrolled simultaneously in the school district through which the student seeks to obtain running start program high school credit and a community college or a technical college, the school district through which the student seeks such high school credit shall retain that portion of the basic education allocation moneys generated by the student based upon the student's high school enrollment, and shall pay to the community college district or technical college district the balance consisting of

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that portion of such moneys generated by the student based upon the student's community college or technical college enrollment (e.g., in the case of an eligible student enrolled five hours a week in a high school (one-fifth of an FTE) and five quarter credit hours in a community college (one-third of and FTE), the school district would retain an amount equal to one-fifth of a full basic education allocation and pay to the community college district an amount equal to one-third of a full basic education allocation).

(3) Notwithstanding subsections (1) and (2) of this section, the maximum amount payable to a community college district or technical college district by a school district operating no more than two high schools with enrollments of less than three hundred average annual full-time equivalent students shall be the incremental amount per full-time equivalent community college or technical college student that is or would be generated for student enrollments in excess of sixty annual full-time equivalent students.

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### **NEW SECTION**

WAC 131-46-120 Current and future community college and technical college enrollment alternatives not affected. This chapter shall not affect the alternative enrollment, and arrangements therefor, of a secondary student in a community college or technical college pursuant to a contractual agreement entered into pursuant to RCW 28B.50.530 (inter school district/college district cooperative programs) and chapter 39.34 RCW (the Interlocal Cooperation Act). See WAC 392-121-183 (contracting with an educational institution other than a school district).

# WSR 92-19-015 EMERGENCY RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance)

[Filed September 4, 1992, 11:39 a.m., effective September 5, 1992, 12:01 a.m.]

Date of Adoption: September 4, 1992.

Purpose: Adds persons meeting Medicaid criteria for medically needy as eligible for school-based district medical services. Adds that the department shall pay for school-based district medical services provided, as part of the individualized family service plan (IFSP). Adds limitation on when a school district would be reimbursed for such school-based medical services.

Citation of Existing Rules Affected by this Order: Amending WAC 388-86-022 School medical services for special education students.

Statutory Authority for Adoption: RCW 74.08.090.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon

adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: To enhance school-based district medical services.

Effective Date of Rule: September 5, 1992, 12:01 a.m.
September 4, 1992
Leslie F. James, Director
Administrative Services

<u>AMENDATORY SECTION</u> (Amending Orders 3053 and 3053A, filed 8/21/90 and 8/27/90, effective 9/21/90 and 9/1/90)

WAC 388-86-022 <u>School medical services</u> ((by school districts)) for special education students. (1) The department shall pay school districts for medical services to an eligible <u>Categorically Needy or Medically Needy</u> child when a school district furnishes the medical services to a special education student as part of the child's individualized education program (IEP) or individualized family service plan (IFSP).

- (2) <u>Such school district medical services shall be</u> provided by:
- (a) Qualified Medicaid providers as described under WAC 388-87-007 ((shall provide such school district medical services)); and
- (b) Psychologists, licensed by the state of Washington or granted an educational staff associate certificate (ESA) by the state board of education.
- (3) The department shall only pay for the following services when the service is recommended or referred by the specialty level that treats the condition:
- (a) A psychologist shall recommend psychological evaluation services; and
- (b) A speech pathologist or audiologist who has been granted a certificate of clinical competence by the American Speech, Language and Hearing Association or who has completed the equivalent educational and work experience necessary for such a certificate shall recommend speech therapy services.
- (4) Occupational and/or physical therapy shall require a referral from a physician or podiatrist.
- (5) The department shall require recommendations and referrals to be updated at least annually.
- (6) The department shall pay for such services according to the department-established rate or the billed amount, whichever is lower.
- (7) The department shall not pay individual school practitioners who provide school-based medical services.
- (8) For medical services billed to Medicaid, the department shall require school districts to pursue third-party resources.

### WSR 92-19-017 EMERGENCY RULES DEPARTMENT OF ECOLOGY

[Order 92-25-Filed September 4, 1992, 1:50 p.m.]

Date of Adoption: September 4, 1992.

Purpose: To replace the limitations on the maximum penalty amount currently contained in the regulation with language from the 1991 Washington Clean Air Act amendments authorizing high penalties.

Citation of Existing Rules Affected by this Order: Amending WAC 173-400-230.

Statutory Authority for Adoption: RCW 70.94.332 and 70.94.431.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: The penalty maximum as currently exists in the regulation does not sufficiently deter violators. The greater deterrent resulting from the \$10,000 maximum penalty will preserve the public health and welfare by encouraging compliance.

Effective Date of Rule: Immediately.

September 4, 1992 Fred Olson Deputy Director

AMENDATORY SECTION (Amending Order 90-06, filed 2/19/91, effective 3/22/91)

WAC 173-400-230 Regulatory actions. Ecology may take any of the following regulatory actions to enforce this chapter to meet the provisions of RCW 43.21B.300 which is incorporated by reference.

- (1) Enforcement actions by department—Notice ((ef violation)) to violators. ((Whenever ecology has reason to believe that any provision of this chapter has been violated, it may cause written notice (either by certified mail with return receipt requested or by personal service) to be served on the alleged violator or violators. The notice shall specify the provision of this chapter alleged to be violated and the facts alleged to constitute a violation thereof, and may include an order that necessary corrective action be taken within a reasonable time.)) At least thirty days prior to the commencement of any formal enforcement action under RCW 70,94,430 and 70,94,431, the department of ecology shall cause written notice to be served upon the alleged violator or violators. The notice shall specify the provision of this chapter or the rule or regulation alleged to be violated, and the facts alleged to constitute a violation thereof, and may include an order that necessary corrective action be taken within a reasonable time. In lieu of an order, the department may require that the alleged violator or violators appear before it for the purpose of providing the department information pertaining to the violation or the charges complained of. Every notice of violation shall offer to the alleged violator an opportunity to meet with the department prior to the commencement of enforcement action.
- (2) Civil ((penalty)) penalties. ((Any person who violates any of the provisions of this chapter shall be subject to a penalty in the form of a fine in an amount not to exceed one thousand dollars per day for each violation. Each such violation shall be separate and distinct and, for a continuing

violation, each day's continuance shall be a separate and distinct violation. The penalty shall be imposed by a notice in writing from personnel of ecology or an authority, describing the violation with reasonable detail. Further, the person is subject to a fine of up to five thousand dollars to be levied by the director if requested by the board of a local authority or if the director determines that the penalty is needed for effective enforcement of this chapter. The maximum daily fine imposed for violation of standards by a specific emissions unit is five thousand dollars. Upon written application submitted to ecology within fifteen days after notice has been received the director may remit or mitigate the penalty upon such terms as the director deems proper and when deemed in the best interest to carry out the purpose of this chapter. The mitigation shall not affect or reduce the penalty imposed by the local board. The maximum daily fine that may be imposed upon any emissions unit for violation of any opacity standard is four hundred dollars.))

(a) In addition to or as an alternate to any other penalty provided by law, any person who violates any of the provisions of chapter 70.94 or 70.120 RCW, or any of the rules in force under such chapters may incur a civil penalty in an amount as set forth in RCW 70.94.431. Each such violation shall be a separate and distinct offense, and in case of a continuing violation, each day's continuance shall be a separate and distinct violation.

Any person who fails to take action as specified by an order issued pursuant to this chapter shall be liable for a civil penalty as set forth by RCW 70.94.431 for each day of continued noncompliance.

(b) Penalties incurred but not paid shall accrue interest, beginning on the ninety-first day following the date that the penalty becomes due and payable, at the highest rate allowed by RCW 19.52.020 on the date that the penalty becomes due and payable. If violations or penalties are appealed, interest shall not begin to accrue until the thirty-first day following final resolution of the appeal.

The maximum penalty amounts established in RCW 70.94.431 may be increased annually to account for inflation as determined by the state office of the economic and revenue forecast council.

- (c) Each act of commission or omission which procures, aids, or abets in the violation shall be considered a violation under the provisions of this section and subject to the same penalty. The penalties provided in this section shall be imposed pursuant to RCW 43.21B.300.
- (d) All penalties recovered under this section by the department shall be paid into the state treasury and credited to the air pollution control account established in RCW 70.94.015 or, if recovered by the authority, shall be paid into the treasury of the authority and credited to its funds. If a prior penalty for the same violation has been paid to a local authority, the penalty imposed by the department under (a) of this subsection shall be reduced by the amount of the payment.
- (e) To secure the penalty incurred under this section, the state or the authority shall have a lien on any vessel used or operated in violation of this chapter which shall be enforced as provided in RCW 60.36.050.
- (f) Public or private entities that are recipients or potential recipients of department grants, whether for air

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quality related activities or not, may have such grants rescinded or withheld by the department for failure to comply with provisions of this chapter.

- (g) In addition to other penalties provided by this chapter, persons knowingly under-reporting emissions or other information used to set fees, or persons required to pay emission or permit fees who are more than ninety days late with such payments may be subject to a penalty equal to three times the amount of the original fee owed.
- (3) Assurance of discontinuance. Personnel of ecology or an authority may accept an assurance of discontinuance of any act or practice deemed in violation of this chapter. Any such assurance shall specify a time limit during which discontinuance is to be accomplished. Failure to perform the terms of any such assurance shall constitute prima facie proof of a violation of this chapter which make the alleged act or practice unlawful for the purpose of securing an injunction or other relief from the superior court.
- (4) Restraining orders, injunctions. Whenever any person has engaged in, or is about to engage in, any acts or practices which constitute or will constitute a violation of any provision of this chapter, the director, after notice to such person and an opportunity to comply, may petition the superior court of the county wherein the violation is alleged to be occurring or to have occurred for a restraining order or a temporary or permanent injunction or another appropriate order.
- (5) Emergency episodes. Ecology may issue such orders as authorized by chapter 173-435 WAC via chapter 70.94 RCW, whenever an air pollution episode forecast is declared.
- (6) Compliance orders. Ecology may issue a compliance order in conjunction with a notice of violation. The order shall require the recipient of the notice of violation either to take necessary corrective action or to submit a plan for corrective action and a date when such action will be initiated.

### WSR 92-19-018 EMERGENCY RULES DEPARTMENT OF ECOLOGY

[Order 92-38-Filed September 4, 1992, 1:58 p.m.]

Date of Adoption: September 4, 1992.

Purpose: Establish an agricultural burning permit fee while permanent rule is being developed, increase grass seed production permit fee to the level identified in statute. Change the title of the WAC chapter to Agricultural burning and add an agricultural burning definition.

Citation of Existing Rules Affected by this Order: Amending chapter 173-430 WAC.

Statutory Authority for Adoption: RCW 70.94.650.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: The statute identifies that agricultural burning permit fees are to be set by rule and that the Department of Ecology or a local air authority is to maintain a statewide permit system to protect public health from the effects of agricultural burning.

Effective Date of Rule: Immediately.

September 4, 1992 Fred Olson Deputy Director

#### Chapter 173-430 WAC ((Burning of field and forage and turf grasses grown for seed)) Agricultural burning

AMENDATORY SECTION (Amending Order 90-10, § 173-430-020, filed 9/17/90, effective 10/18/90)

WAC 173-430-020 Definitions. The definitions of terms contained in chapter 173-400 WAC are incorporated into this chapter by reference. Unless a different meaning is clearly required by context, the following words and phrases as used in this chapter, shall have the following meanings:

- (1) ((Field and forage grasses: Canary grass, bromegrass, oatgrass, timothy, wheatgrass, and orchardgrass, planted to produce seed.
- (2) Straw: All material, other than seed, removed by swathing, combining, or cutting.
- (3) Tear out: Any operation that destroys the existing crop and prepares the area for next year's planting.
- (4) Turf grasses: All blue grasses, fescues, bentgrass, and perennial ryegrass, planted to produce seed.)) Agricultural Burning: Burning of vegetative debris from an agricultural operation necessary for disease or pest control, necessary for crop propagation and/or crop rotation, or where identified as a best management practice by the agricultural burning practices and research task force established in RCW 70.94.650 or other authoritative source on agricultural practices.
- (2) Field and forage grasses: Canary grass, bromegrass, oatgrass, timothy, wheatgrass, and orchardgrass, planting to produce seed.
- (3) Straw: All material, other than seed, removed by swathing, combining, or cutting.
- (4) Tear-out: Any operation that destroys the existing crop and prepared the area for next year's planting.
- (5) Turf grasses: All blue grasses, fescues, bentgrass, and perennial ryegrass, planted to produce seed.

<u>AMENDATORY SECTION</u> (Amending Order 90-10, § 173-430-070, filed 9/17/90, effective 10/18/90)

- WAC 173-430-070 Fees. (1) To support the study or studies described in WAC 173-430-060, ecology or an authority shall collect a fee of ((fifty cents)) \$1.00 per acre of crop before any permit is issued under WAC 173-430-030. This fee shall be submitted with individual permit applications. For all other agricultural burning practices, a \$20 nonrefundable permit/application fee shall be assessed. This fee shall be submitted with the general agricultural burning permit.
- (2) When a permit is granted to burn fewer acres than requested in the permit application, ecology or the authority

shall refund to the permit applicant the unused part of the permit fee.

- (3) No part of the permit fee will be refunded if a grower decides to burn fewer acres than the permit allows.
- (4) After granting any permit and making any refund required under WAC 173-430-070(2), the authority shall transfer the permit fee to ecology.
- (5) Ecology shall deposit all grass seed burning permit fees in a special grass seed burning research account in the general fund.
- (6) Ecology shall allocate moneys annually from this account to support approved studies provided for in WAC 173-430-060, up to the amount appropriated to ecology for such purpose.
- (7) When ecology concludes that enough reasonably available alternative practices to the open burning of field and forage, and turf grasses grown for seed have been developed, and at such time as all costs of any studies have been paid, the grass seed burning research account shall be dissolved. Any money remaining in the account shall revert to the general fund.

Reviser's note: RCW 34.05.395 requires the use of underlining and deletion marks to indicate amendments to existing rules. The rule published above varies from its predecessor in certain respects not indicated by the use of these markings.

#### WSR 92-19-019 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-91—Filed September 4, 1992, 4:35 p.m., effective September 6, 1992, 12:01 a.m.]

Date of Adoption: September 4, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-47-812.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Opening in Area 7B provides opportunity to harvest nontreaty allocation of coho salmon destined for the Nooksack-Samish region of origin. The gillnet mesh and in-season area restrictions are necessary to reduce chinook impacts. All other Puget Sound areas are closed to prevent overharvest of local salmon stocks.

Effective Date of Rule: September 6, 1992, 12:01 a.m.
September 4, 1992
Judith Freeman
Deputy
for Robert Turner

Director

**NEW SECTION** 

WAC 220-47-813 Puget Sound all-citizen commercial salmon fishery. Notwithstanding the provisions of Chapter 220-47 WAC, effective 12:01 a.m. Sunday, September 6, 1992, until further notice, it is unlawful to take, fish for, or possess salmon or Atlantic salmon for commercial purposes taken from the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following open periods and mesh and area restrictions:

- \* Areas 7B Gillnets using 5-inch minimum and 6-inch maximum mesh may fish from 7:00 a.m. Tuesday September 8 to 4:00 p.m. Friday September 11. Area 7B is closed south of a line projected from Governors Point to the most northerly point of Vendovi Island.
- \* Areas 4B, 5, 6, 6A, 6B, 6C, 6D, 7, 7A, 7C, 7D, 7E, 8, 8A, 8D, 9, 9A, 10, 10A, 10C, 10D, 10E, 10F, 10G, 11, 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13C, 13D, 13E, 13F, 13G, 13H, 13I, 13J, and 13K, all freshwater areas, and exclusion zones provided for in WAC 220-47-307 except as modified herein Closed.

#### REPEALER

The following section of the Washington Administrative Code is repealed effective 12:01 a.m. Sunday, September 6, 1992:

WAC 220-47-812 Puget Sound all-citizen commercial salmon fishery (92-87)

#### WSR 92-19-020 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-92-Filed September 4, 1992, 4:40 p.m.]

Date of Adoption: [No information supplied by agency.]

Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-36-02300P.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of chinook salmon are available.

Effective Date of Rule: Immediately.

September 4, 1992
Judith Freeman
Deputy
for Robert Turner
Director

WAC 220-36-02300Q Grays Harbor salmon — Fall fishery. Notwithstanding the provisions of WAC 220-36-023, it is unlawful to fish for salmon in Grays Harbor for commercial purposes or to possess salmon taken from those waters for commercial purposes, except that:

#### FISHING PERIOD

(1) Gill net gear may be used to fish for salmon from 6:00 PM September 8 to 6:00 PM September 11, 1992 in SMCRA 2C.

#### **GEAR**

(2) Gill net gear shall not contain mesh smaller than 7 1/2 inches stretch measure.

#### **REPEALER**

The following section of the WAshington Administrative Code is repealed:

WAC 220-36-02300P Grays Harbor—Fall fishery. (92-86)

Reviser's note: The typographical error in the above repealer occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

### WSR 92-19-021 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-94—Filed September 4, 1992, 4:44 p.m.]

Date of Adoption: September 4, 1992.

Purpose: Personal use rules.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-56-19000D.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Regulations for Catch Record Card Areas 5, 6, 7, 8.1, 8.2, 9, and 12 are needed to conserve natural spawning coho salmon of stocks originating in Hood Canal streams, Stillaguamish and Skagit rivers. These regulations have been coordinated with regulations in other fisheries and are part of the 1992 coho salmon management plan supported by Washington Treaty Indian tribes and nontreaty fishing interests. These regulations will provide sport salmon fishing opportunity consistent with the Pacific Fisheries Management Council management plan. Harvestable numbers of pen-reared coho are returning to the Edmonds Pier pen site, and recreational harvest of these fish by anglers fishing from the pier is consistent with intent of the management plan.

Effective Date of Rule: Immediately.

September 4, 1992
Judith Merchant
Deputy
for Robert Turner
Director

#### **NEW SECTION**

WAC 220-56-19000G Saltwater seasons and bag limits. Notwithstanding the provisions of WAC 220-56-180 and WAC 220-56-190, effective immediately through October 31, 1992, it is unlawful to fish for or possess salmon taken for personal use from Catch Record Card Areas 5, 6, 7, 8.1, 8.2, 9, or 12 except as provided in this section:

- (1) Catch Record Card Area 5 Closed.
- (2) Catch Record Card Area 6 Open 12:01 am September 5 through 11:59 pm September 7. Daily bag limit of two salmon, but no coho salmon allowed in daily bag limit.
  - (3) Catch Record Card Area 7 -
- (a) All waters except those waters of Samish Bay south of a line projected true east from Fish Point open through 11:59 pm October 15. Daily bag limit of two salmon.
- (b) All waters open 12:01 am October 16 through 11:59 pm October 31. Daily bag limit of two salmon.
  - (4) Catch Record Card Areas 8.1, 8.2, and 12 -
- (a) All waters except those waters of Port Susan north of a line from Camano Head to Hermosa Point open through 11:59 pm September 7. Daily bag limit of two salmon.
- (b) Those waters of Port Susan north of a line from Camano Head to Hermosa Point are closed through 11:59 pm October 31.
  - (5) Catch Record Card Area 9 -
- (a) Open through 11:59 pm September 7. Daily bag limit of two salmon.
- (b) Open through 11:59 pm October 31 while angling from the Edmonds Public Fishing Pier. Bag limit of two salmon.
- (6) In all fisheries provided for in this section, the minimum size limit for chinook salmon is 22 inches, but there is no minimum size limit for other salmon.

#### REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-56-19000D

Saltwater seasons and bag limits. (92-75).

## WSR 92-19-022 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-95-Filed September 4, 1992, 4:45 p.m.]

Date of Adoption: September 4, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-32-05100N; and amending WAC 220-32-051.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of fall chinook are available in the Spring Creek Hatchery area. This rule is consistent with the decision of the September 4, 1992, meeting of the Columbia River Compact.

Effective Date of Rule: Immediately.

September 4, 1992
Judith Merchant
Deputy
for Robert Turner
Director

#### **NEW SECTION**

WAC 220-32-05100P Columbia River salmon seasons above Bonneville. (1) Notwithstanding the provisions of WAC 220-32-051 and 220-32-052, 220-32-053, 220-32-057, and 220-32-058, effective immediately, it is unlawful for a person to take or possess salmon, shad or sturgeon taken for commercial purposes from Columbia River Salmon Management and Catch Reporting Areas 1F, 1G or 1H, except those individuals possessing treaty fishing rights under the Yakima, Warm Springs, Umatilla or Nez Perce treaties may fish or possess salmon, sturgeon and shad under the following provisions:

- 1) That portion of area 1-F known as the Spring Creek sanctuary. Waters of the Columbia River extending to the midstream at right angles to the thread of the Columbia River extending to the midstream at right angles to the thread of the Columbia River between points one-half mile up stream from the eastern shoreline to one and one half miles downstream from the western shoreline of the mouth of Spring Creek: except a 50 foot radius around the fish ladder:
- a) Open 6AM September 7, 1992 and will close 6PM September 11, 1992.
  - b) no mesh restriction
- c) Sturgeon may be retained for subsistence only and not sold.

#### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 220-32-05100N Columbia River Salmon Seasons above Bonneville. (92-82)

### WSR 92-19-027 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-93-Filed September 8, 1992, 1:14 p.m.]

Date of Adoption: September 8, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Amending WAC 220-33-010.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of fall chinook and coho salmon are available in the Columbia River. This rule is consistent with the actions of the September 4, 1992, meeting of the Columbia River Compact.

Effective Date of Rule: Immediately.

September 8, 1992
Judith Freeman
Deputy
for Robert Turner
Director

#### **NEW SECTION**

WAC 220-33-01000F Columbia River salmon seasons below Bonneville. Notwithstanding the provisions of WAC 220-20-020, 220-33-010, 220-33-020, and 220-33-030, it is unlawful for a person to take or possess salmon, shad or sturgeon taken for commercial purposes from Columbia River SMCRA 1A, 1B, 1C, 1D and 1E except as provided in the following subsections.

#### FISHING PERIODS

(1) 6:00 p.m. September 8 to 6:00 a.m. September 9, 1992 in SMCRA 1A.

**GEAR** 

- (2) It is unlawful to fish for salmon, shad and sturgeon with gill net gear that:
  - (a) exceeds 1,500 feet in length along the corkline;
  - (b) is constructed of monofilament webbing;
- (c) has webbing with a mesh size of less than 8 inches;
- (d) has lead or weight on the leadline that exceeds two pounds in any one fathom, measurement to be taken along the corkline of the net.
  - (3) It is unlawful to gaff a sturgeon.
- (4) White sturgeon less than 48 inches or greater than 60 inches may not be retained for commercial purposes and shall be returned immediately to the water.

#### SANCTUARIES

- (4) During the season provided for in subsection 1 of this section, the following sanctuaries, as defined in WAC 220-33-005, are closed to fishing:
  - (a) All tributaries flowing into the Columbia River;
  - (b) Grays Bay;
  - (c) Big Creek.

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

Emergency [ 10 ]

### WSR 92-19-028 EMERGENCY RULES DEPARTMENT OF LICENSING

[Filed September 8, 1992, 3:29 p.m.]

Date of Adoption: September 8, 1992.

Purpose: To implement the provision of ESHB 2964 relating to the taxation and licensing of rental cars.

Statutory Authority for Adoption: ESHB 2964, Section 7(9).

Pursuant to RCW 34.05.350 the agency for good cause finds that state or federal law or federal rule or a federal deadline for state receipt of federal funds requires immediate adoption of a rule.

Reasons for this Finding: Agency found that state law required immediate adoption of the rules due to the provision in ESHB 2964 which allowed counties to collect a 1% sales tax on rental car transactions. The first counties will put this into effect October 1, and rules are needed to implement collection of this tax.

Effective Date of Rule: Immediately.

September 8, 1992
Merle M. Steffenson
Administrator
Prorate and Fuel Tax Services

#### **NEW SECTION**

WAC 308-88-010 Definitions. Unless the context clearly requires otherwise, the definitions in this section apply throughout this chapter.

- (1) "Department" means department of licensing.
- (2) "Rental car" means a passenger car, as defined in RCW 46.04.382, which states "passenger car" means every motor vehicles except motorcycles and motor-driven cycles, designed to carry passengers and used for the transportations of persons.

The rental car is used solely by a rental car business for daily or monthly rental to others, without a driver provided by the rental car business.

Rental car does not include:

- (a) Vehicles rented or loaned to customers by automotive repair businesses while the customer's vehicle is under repair;
  - (b) Vehicles licensed and operated as taxicabs.
  - (c) Vehicles that are leased.
- (3) "Retail car rental" means renting a rental car to a consumer.
- (4) "Rental car business" means any person, firm, corporation or other business in this state engaged in the retail rental car business.

A rental car business must be the legal and/or registered owner of at least five Washington titled rental cars. These rental cars must be offered and available for rent at all times. A rental car business must generate, at a minimum, twenty-five thousand dollars in annual gross revenues from retail car rentals.

- (5) "Certificate of title" means a certificate of ownership as defined in RCW 46.12.
- (6) "Registration credential" is a certificate and/or other authorizing credential or validation tab or sticker which allows the vehicles to operate in this state.

- (7) "International Registration Plan" (IRP) means the multistate proportional agreement which prescribes procedures for the proportional registration and reciprocity of interstate commercial vehicles as described in RCW 46.87.
- (8) "Place of business" shall mean a location within the state of Washington or other jurisdiction. Such place of business shall be in a building easily accessible at all reasonable times. The books, records and files of the business shall be kept and maintained at that place. The business shall display an exterior sign with the business name and nature of the business affixed to the land or building.
- (9) "Franchise operation" means a rental car business operating pursuant to a franchise agreement or other similar licensing agreement with a franchisor or related business.

#### **NEW SECTION**

WAC 308-88-015 Registration of rental car businesses. A rental car business engaged in the business of renting rental cars must register with the department and renew its registration annually. The rental car business will be assigned a business registration number, which will exempt the payment of the motor vehicle excise tax on properly registered rental cars. The rental car business shall comply with all Department of Revenue rules regarding collection of the applicable taxes.

#### **NEW SECTION**

WAC 308-88-016 Application for registration. Every application for a rental car business registration shall contain the following information:

- (1) The name and address of the principal place of business of the firm and the names and addresses of every additional place of business in Washington where the applicant conducts rental car business in this state. If requested by the department, the applicant shall provide evidence of leasehold or ownership.
- (2) The name and address on the registration application and all required supporting documents must be the same. The sign at the business location must identify the business name or doing business as (dba), if any, and that name shall appear on all documents as the applicant's name. The business telephone listing must also reflect the business name or the doing business as name.

The department may require proof concerning the applicant's identity or the identity of any partner, or of the officers of a corporation making the application. This shall include proof that the corporation is licensed to do business in this state.

- (3) The names and titles of the principal owners, or officers of a corporation.
- (4) Whether the applicant is licensed as a vehicle dealer in the state of Washington.
- (5) Whether the applicant is involved in mechanical or auto body repairs of vehicles for customers and if the business rents vehicles to customers when their vehicle is being repaired. The department may require additional information from the business to determine whether this type of business operation may register as a rental car business.

- (6) The total number of vehicles in the rental car fleet and the estimated gross revenue from the rental of the rental cars for a twelve month period during which the rental car business will register rental cars in this state.
- (7) The proof of state approved liability insurance (self-insured) or the name of the businesses liability insurance company, its address, phone, the policy number and agent's name. The department may require additional information to verify the businesses insurance.
- (8) Whether the applicant elects to apply and/or renew registration and participation in the International Registration Plan (IRP).

WAC 308-88-019 Waiver of business registration requirements. The department may, upon review, waive the rental car fleet size, gross revenue requirements or other business registration requirements for a rental car business. Any rental car business desiring a waiver shall apply to the department for such waiver.

#### **NEW SECTION**

WAC 308-88-020 Methods for registration of rental cars. A rental car business must properly register its rental cars in this state. A rental car is properly registered in this state if it is registered in accordance with one of the following methods:

- (1) The rental car business has registered in Washington all rental cars which are offered for rental in Washington.
- (2) If the rental car business is eligible to register its rental cars pursuant to the provisions of the International Registration Plan (IRP), the rental car business shall have a rental car location in two or more IRP jurisdictions. The rental car business shall properly register with the Department in accordance with the IRP, and the rental car business will allocate registrations according to the provisions of section 1116 of the IRP, as now or hereafter amended.

#### **NEW SECTION**

WAC 308-88-021 Registration of rental cars. The rental car business shall register the rental car with the department prior to the vehicle being operated in the state and the department will issue registration credentials. A rental car cannot operate in the state of Washington without proper registration credentials. A rental car is properly registered in Washington when:

- (1) A rental car business obtains a certificate of ownership (title) for the rental car and indicates at that time that the vehicle is a rental car; and
- (2) The rental car business registers the rental car with Prorate/IRP Services of the department prior to operating the rental car on Washington highways.

Registration must be obtained for all rental cars and shall be valid for the period in which the rental car is part of a rental car business, up to a maximum of twelve months. Rental cars shall carry a registration credential in the vehicle at all times.

#### **NEW SECTION**

WAC 308-88-022 Rental car reciprocity. Rental cars properly registered in another jurisdiction will be granted vehicle license reciprocity in this state if:

- (1) The rental car was rented by a customer at a location ouside of the state of Washington.
- (2) The vehicle was dropped off at a Washington rental car business by its previous renter and is being rented for a one-way trip out of Washington.
- (3) The vehicle is part of a properly registered IRP rental car business. Franchise operations receiving vehicles from their franchisor who is a registered IRP business may rent vehicles for a one-way trip.

**Reviser's note:** The spelling error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### **NEW SECTION**

WAC 308-88-025 Use of rental cars restricted. Use of rental cars described in this chapter are restricted to the rental customer except when the rental car is being moved by the business for the purpose of relocation to another business site, for the purpose of transporting the vehicle to or from a vehicle maintenance or repair facility, or for a maintenance test drive.

#### **NEW SECTION**

WAC 308-88-030 Rental car temporary permits. The department may issue temporary permits to registered rental car businesses for the operation of rental cars pending issuance of registration credentials. Each permit will be effective for a period of 30 days from issue date. The department may suspend or cancel this privilege to any person or business who violates the laws of this state relating to the operation or registration of rental cars.

#### **NEW SECTION**

WAC 308-88-040 Rental car license plates. Rental car businesses shall apply to the department for sufficient rental car plates to equip their rental car fleets. Upon request and following payment of a fee of ten dollars for each set of rental car license plates, the department will issue plates to the businesses. The rental car businesses may select a three letter identifier for their rental car plates. Rental car plates issued by the department under this chapter shall be used only on rental cars owned by the rental car business.

#### **NEW SECTION**

WAC 308-88-045 Use of rental car plates. When a rental car is added to the rental car business operations the business must immediately register the rental car and notify the department of the plate assigned prior to putting the vehicle into service unless a 30 day temporary permit has been issued and is being carried in the vehicle. The department will issue a registration credential valid for a period of up to twelve months.

WAC 308-88-046 Removal/reassignment of rental car plates. When a rental car plated under this chapter is removed from rental operation by the business, the plates from such vehicle shall be removed and the department notified within ten days. If the plate is reassigned to another rental car, the rental car business must complete the process for rental car registration notifying the department of the plate reassignment.

#### **NEW SECTION**

WAC 308-88-047 Return of rental car plates. Should a rental car business no longer be authorized to operate as a rental car business, or should a rental car business no longer require the number of plates previously issued by the department, such business shall immediately notify the department and return the rental car plates to the department.

#### **NEW SECTION**

WAC 308-88-048 Vehicles removed from rental car operations. Vehicles which no longer meet the definition of "rental cars," as set forth in this chapter shall no longer be eligible for rental car plates. These vehicles will be considered to be unlicensed, and the owner of said vehicles shall properly register and pay the proper motor vehicle excise tax prior to the further operation of the vehicles, on the public highways and roads of this state.

#### **NEW SECTION**

WAC 308-88-050 Rental cars registered in another jurisdiction-temporary operating authority for Washington operations. Washington authorized rental car businesses which do not qualify under the provisions of the IRP and which may from time to time rent rental cars lawfully registered in another state, may obtain a temporary operating permit from the department to operate such vehicle lawfully in this state.

The temporary operating permit must be obtained for each foreign plated vehicle operated by the rental business. Each permit will be effective for a period not to exceed six months from the date of issuance. The fee for each temporary operating permit shall be twenty-seven dollars and eighty-five cents.

The department may suspend or cancel this privilege to any person or business who violates the laws of this state relating to the oppration or registration of rental cars.

Reviser's note: The spelling error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### WSR 92-19-032 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-96-Filed September 8, 1992, 4:50 p.m.]

Date of Adoption: September 8, 1992. Purpose: Amend commercial fishing rules.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-33-01000F; and amending WAC 220-33-010.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: A harvestable surplus of chinook and coho salmon are now in the Columbia River, and afford opportunity for a limited commercial fishery. This rule is adopted at the recommendation of the Columbia River Compact Commission, made September 4, 1992.

Effective Date of Rule: Immediately.

September 8, 1992 Edward P. Manary for Robert Turner Acting Director

#### **NEW SECTION**

WAC 220-33-01000G Columbia River salmon seasons below Bonneville. Notwithstanding the provisions of WAC 220-20-020, 220-33-010, 220-33-020, and 220-33-030, it is unlawful for a person to take or possess salmon, shad or sturgeon taken for commercial purposes from Columbia River SMCRA 1A, 1B, 1C, 1D and 1E except as provided in the following subsections.

#### FISHING PERIODS

(1) 6:00 p.m. September 8 to 6:00 a.m. September 9, 1992 in SMCRA 1A.

#### **GEAR**

- (2) It is unlawful to fish for salmon, shad and sturgeon with gill net gear that:
  - (a) exceeds 1,500 feet in length along the corkline;
  - (b) is constructed of monofilament webbing;
- (c) has lead or weight on the leadline that exceeds two pounds in any one fathom, measurement to be taken along the corkline of the net.
  - (3) It is unlawful to gaff a sturgeon.
- (4) White sturgeon less than 48 inches or greater than 60 inches may not be retained for commercial purposes and shall be returned immediately to the water.

#### **SANCTUARIES**

(4) During the season provided for in subsection 1 of this section, the following sanctuaries, as defined in WAC 220-33-005, are closed to fishing:

All tributaries flowing into the Columbia River.

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 220-33-01000F Columbia River Salmon seasons below Bonneville. 92-93

### WSR 92-19-037 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-97-Filed September 9, 1992, 3:26 p.m.]

Date of Adoption: September 9, 1992.

Purpose: Personal use rules.

Citation of Existing Rules Affected by this Order: Amending WAC 220-57-465 and 220-57-430.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Natural spawning coho salmon are expected to return too few fish to meet the escapement goal, and these regulations are necessary to provide protection for the stocks. Sufficient harvestable numbers of chum salmon in the Stillaguamish River are expected to return to allow a recreational harvest.

Effective Date of Rule: Immediately.

Judith Freeman Acting Deputy for Robert Turner Acting Director

#### **NEW SECTION**

WAC 220-57-46500F Stillaguamish River. Notwithstanding the provisions of WAC 220-57-465, effective immediately until further notice, it is unlawful to fish for or possess salmon taken for personal use from waters of the Stillaguamish River except:

Waters downstream from the confluence of the north and south forks, excluding closed waters of Cook Slough from the water control structure to a point 400 feet downstream, are open to salmon angling November 1 through December 31, 1992, with a special bag limit of two chum salmon not less than 12 inches in length. Chinook and coho salmon must be released immediately.

#### **NEW SECTION**

WAC 220-57-43000G Skokomish River. Notwithstanding the provisions of WAC 220-57-430, effective 12:01 am September 16 through 11:59 pm October 31, 1992, it is unlawful to fish for or possess salmon taken for personal use from the Skokomish River.

# WSR 92-19-045 RESCISSION OF EMERGENCY RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance) [Filed September 10, 1992, 2:48 p.m.]

Date of Adoption: September 10, 1992.

Purpose: Rescind WSR 92-16-042 filed July 31, 1992. Medical assistance administration does not want an emergency filed on WAC 388-87-070 Payment—Hospital inpatient services because this amendment is not the policy that MAA wanted to accomplish; does not reflect MAA's current policy.

Citation of Existing Rules Affected by this Order: Rescinding WAC 388-87-070 Payment—Hospital inpatient services.

Statutory Authority for Adoption: RCW 74.08.090.

September 10, 1992

Leslie F. James, Director

Administrative Services

#### WSR 92-19-050 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-98—Filed September 10, 1992, 3:10 p.m., effective September 12, 1992, 2:00 p.m.]

Date of Adoption: September 10, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Amending WAC 220-44-040.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: This regulation is necessary to maintain consistency between state and federal regulations as whiting processing vessels have achieved their quota which was established by the Pacific Fishery Management Council.

Effective Date of Rule: September 12, 1992, 2:00 p.m.
September 10, 1992
Judith Freeman
Acting Deputy
for Robert Turner
Acting Director

#### **NEW SECTION**

WAC 220-44-04000C Coastal bottomfish seasons. Notwithstanding the provisions of WAC 220-44-040, effective 2:00 p.m. Saturday, September 12, 1992, until further notice:

(1) It is unlawful to deliver Pacific whiting to an at-sea processing vessel in state or offshore waters.

(2) It is unlawful for a catcher/processor to take, fish for, possess or process any Pacific whiting taken from state or offshore waters.

### WSR 92-19-058 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-99-Filed September 11, 1992, 1:12 p.m.]

Date of Adoption: September 11, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-36-02300Q.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of chinook salmon are available.

Effective Date of Rule: Immediately.

September 11, 1992
Judith Merchant
Deputy
for Robert Turner
Acting Director

#### **NEW SECTION**

WAC 220-36-02300R Grays Harbor salmon — Fall fishery. Notwithstanding the provisions of WAC 220-36-023, it is unlawful to fish for salmon in Grays Harbor for commercial purposes or to possess salmon taken from those waters for commercial purposes, except that:

FISHING PERIOD

(1) Gill net gear may be used to fish for salmon from 6:00 PM September 13 to 6:00 PM September 16, 1992 in SMCRA 2C.

**GEAR** 

(2) Gill net gear shall not contain mesh smaller than 7 1/2 inches stretch measure.

#### REPEALER

The following section of the Washington Administrative Code is repealed, effective 7:00 PM September 11, 1992:

WAC 220-36-02300Q Grays Harbor—Fall fishery. (92-92)

#### WSR 92-19-062 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-102-Filed September 11, 1992, 3:12 p.m.]

Date of Adoption: September 11, 1992.

Purpose: Commercial fishing rules.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-47-813.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Opening in 7B provides opportunity to harvest nontreaty allocation of coho salmon destined for the Nooksack-Samish region of origin. The gillnet maximum mesh restriction, in-season area restriction and modification of the 7 day-per-week preseason plan for this week are designed to reduce chinook impacts. All other Puget Sound areas are closed to prevent overharvest of local salmon stocks.

Effective Date of Rule: Immediately.

September 11, 1992
Judith Merchant
Deputy
for Robert Turner
Acting Director

#### **NEW SECTION**

WAC 220-47-814 Puget Sound all-citizen commercial salmon fishery. Notwithstanding the provisions of Chapter 220-47 WAC, effective 12:01 a.m. Sunday, September 13, 1992, until further notice, it is unlawful to take, fish for, or possess salmon or Atlantic salmon for commercial purposes taken from the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following open periods and mesh and area restrictions:

- \* Area 7B Gillnets using 5-inch minimum, 6-inch maximum mesh may fish from 7:00 p.m. Sunday September 13 to 4:00 p.m. Friday September 18, and purse seines using the 5-inch strip may fish from 6:00 a.m. Monday September 14 to 4:00 p.m. Friday September 18. In addition to the exclusion zones described in WAC 220-47-307, Area 7B is closed south of a line projected from Governors Point to the most northerly point of Vendovi Island.
- \* Areas 4B, 5, 6, 6A, 6B, 6C, 6D, 7, 7A, 7C, 7D, 7E, 8, 8A, 8D, 9, 9A, 10, 10A, 10C, 10D, 10E, 10F, 10G, 11, 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13C, 13D, 13E, 13F, 13G, 13H, 13I, 13J, and 13K, all freshwater areas, and exclusion zones provided for in WAC 220-47-307 except as modified herein Closed.

#### REPEALER

The following section of the Washington Administrative Code is repealed effective 12:01 a.m. Sunday, September 13, 1992:

WAC 220-47-813

Puget Sound all-citizen commercial salmon fishery (92-91)

### WSR 92-19-063 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-101—Filed September 11, 1992, 3:15 p.m.]

Date of Adoption: September 11, 1992. Purpose: Commercial fishing rules.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable quantities of dogfish have been present in these two areas in past years. Fishing has not been authorized due to concerns on the potential bycatch of salmon in this fishery. These concerns have lessened, justifying a fishery in these two areas. Permits are required so that the amount of fishing effort in the area is known. Permits will require that the bycatch of salmon and other species be recorded so that amount can be estimated. No limit will be placed on the number of permits issued unless the number of requests becomes excessive. The November 30 closing date is sought to protect lingcod which may spawn in these areas during December.

Effective Date of Rule: Immediately.

September 11, 1991 [1992]

Judith Merchant

Deputy

for Robert Turner

Acting Director

**NEW SECTION** 

WAC 220-48-02900A Set net - Dogfish - Seasons Notwithstanding the provisions of WAC 220-48-029, it is lawful to fish dogfish set net gear by permit only until 11:59 p.m. on November 30, 1992, in these portions of Marine Fish-Shellfish management and catch reporting areas 22A and 22B:

- (1) Those waters of East Sound north of a line projected due west from Rosario Point. All waters east of a line from Tongue Point to Juniper Point to the point immediately south of Juniper Point are closed.
- (2) Those waters of Guemes Channel between lines projected southerly from the western end of Guemes Island to Shannon Point on Fidalgo Island and from the Guemes Island ferry dock on Guemes Island to the Guemes Island ferry dock on Fidalgo Island.

All participants must obtain a permit issued or approved by the Director of Fisheries.

### WSR 92-19-064 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-100-Filed September 11, 1992, 3:21 p.m.]

Date of Adoption: September 11, 1992.

Purpose: Personal use rules.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-56-19000E.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: The bag limit of 4 salmon in any 7 consecutive fishery applies to the Area 1 fishery and is consistent with federal regulations.

Effective Date of Rule: Immediately.

September 11, 1992
Judith Merchant
Deputy
for Robert Turner
Acting Director

#### **NEW SECTION**

WAC 220-56-19000H Saltwater seasons and bag limits - Salmon Notwithstanding the provisions of WAC 220-56-180 and WAC 220-56-190, until further notice it is unlawful to fish for salmon in Catch Record Card Areas 1, 2, 3, and 4, except as provided for in this section:

- (1) Areas and times open to salmon angling are as follows:
- (a) Catch Record Card Area 3 July 13 through October 1, or until overall chinook quota of 33,000, or until Catch Record Card Area 3 coho sub-quota of 3,000 is reached; whichever of the three is earliest. Closed to salmon angling each Friday and Saturday.
- (b) Catch Record Card Area 2 July 6 through October 1, or until overall chinook quota of 33,000, or until Catch Record Card Area 2 coho sub-quota of 54,400 is reached; whichever of the three is earliest. Closed to salmon angling each Friday and Saturday.
- (d) Catch Record Card Area 1, but excluding waters of Columbia River Mouth Conservation Zone 1 (as defined in WAC 220-56-195) September 14 through October 31, or until overall chinook quota of 33,000 or Catch Record Card Area 1 coho sub-quota of 5,700 is reached; whichever of the three is earliest. Closed to salmon angling each Friday and Saturday.
  - (2) Bag Limits and weekly limits are as follows:
  - (a) 2 salmon per day.
- (b) No more than 4 salmon in any seven consecutive day period.
  - (3) Minimum size limits are:
  - (a) Chinook salmon 24 inches
  - (b) Coho salmon 16 inches, and
  - (c) No minimum size for other salmon
  - (4) Gear
  - (a) Single point barbless hooks only
  - (b) One rod per angler
- (5) Shore based angling from the north jetty of the Columbia River is allowed.

Emergency [16]

Reviser's note: The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-56-19000E Saltwater seasons and bag limits - Coastal (92-84).

#### WSR 92-19-065 EMERGENCY RULES WILDLIFE COMMISSION

[Order 570—Filed September 11, 1992, 4:47 p.m., effective October 1, 1992]

Date of Adoption: September 11, 1992.

Purpose: To implement an October 1 closure on waters subject to rehabilitation as proposed and adopted in WAC 232-28-61912.

Statutory Authority for Adoption: RCW 77.12.040.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: This regulation is needed to implement an early fishing closure on those waters which are subject to rehabilitation to enable the Department of Wildlife to be in compliance with rotenone label restrictions. The emergency request is to officially close these waters effective October 1 until 12:01 a.m. October 6th at which time WAC 232-28-61912 becomes effective. WAC 232-28-61912 was adopted by the Wildlife Commission at its August 15 meeting. The intent of this regulation was to close these waters effective October 1. WAC 232-28-61912 was filed September 4, 1992, and under the Administrative Procedure Act does not become effective until 31 days after filing with the code reviser's office, or 12:01 a.m. October 6th. Due to public health and safety concerns and to comply with rotenone label restrictions, it is necessary to adopt this emergency rule to maintain the intent of WAC 232-28-61912 to close these waters October 1, 1992.

Effective Date of Rule: October 1, 1992.

September 11, 1992 Dean A. Lydig Chair

#### **NEW SECTION**

WAC 232-28-61922 1992-94 Washington game fish seasons and catch limits — Stan Coffin, H, and Ancient lakes, unnamed pond in desert unit of the Columbia Basin TWN (18N), RGE (26E), SEC (11,14) in Region 2, Bingen Lake in Region 5, and Buck Lake in Region 6. Notwithstanding the provisions of WAC 232-28-619, the game fish seasons for the above-mentioned waters are as follows:

April 26, 1992 - October 1, 1992

This rule terminates 12:01 a.m. October 6th, at which time WAC 232-28-61912 concerning the same waters becomes effective. WAC 232-28-61921 which established no bag or size limits on these waters remains in effect.

### WSR 92-19-067 EMERGENCY RULES DEPARTMENT OF ECOLOGY

[Order 92-23-Filed September 14, 1992, 9:18 a.m.]

Date of Adoption: September 14, 1992.

Purpose: To conditionally exempt spent CFC refrigerants when they are reclaimed or recycled.

Citation of Existing Rules Affected by this Order: Amending chapter 173-303 WAC.

Statutory Authority for Adoption: Chapter 70.105 RCW.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: The emergency rule was needed to coincide with the new clean air act law requirements and to remove a perceived barrier to recycling spent CFC refrigerants, which was leading to the venting of CFCs.

Effective Date of Rule: Immediately.

September 14, 1992 Fred Olson Deputy Director

AMENDATORY SECTION (Amending Order 90-42, filed 3/7/91, effective 4/7/91)

### WAC 173-303-070 Designation of dangerous waste. (1) Purpose and applicability.

- (a) This section describes the procedures for determining whether or not a solid waste is DW or EHW.
- (b) The procedures in this section are applicable to any person who generates a solid waste (including recyclable materials) that is not exempted or excluded by this chapter or by the department. Any person who must determine whether or not his solid waste is designated must follow the procedures set forth in subsection (3) of this section. Any person who determines by these procedures that his waste is designated DW or EHW shall be subject to all applicable requirements of this chapter.
- (2)(a) Once a material has been determined to be a dangerous waste, then any solid waste generated from the recycling, treatment, storage, or disposal of that dangerous waste is a dangerous waste unless and until:
- (i) The generator has been able to accurately describe the variability or uniformity of the waste over time, and has been able to obtain demonstration samples which are representative of the waste's variability or uniformity; and

- (ii)(A) It does not exhibit any of the characteristics of WAC 173-303-090; and
- (B) If it was a listed waste under WAC 173-303-080 through 173-303-083, it also has been exempted pursuant to WAC 173-303-910(3); or
- (iii) If originally designated only through WAC 173-303-084 or 173-303-101 through 173-303-103, it does not exhibit any of the criteria of WAC 173-303-101 through 173-303-103.

Such solid waste shall include but not be limited to any sludge, spill residue, ash emission control dust, leachate, or precipitation run-off. Precipitation run-off will not be considered a dangerous waste if it can be shown that the run-off has not been contaminated with the dangerous waste, or that the run-off is adequately addressed under existing state laws (e.g. chapter 90.48 RCW), or that the run-off does not exhibit any of the criteria or characteristics described in WAC 173-303-100.

- (b) Materials that are reclaimed from solid wastes and that are used beneficially (as provided in WAC 173-303-016 and 173-303-017) are not solid wastes and hence are not dangerous wastes under this section unless the reclaimed material is burned for energy recovery or used in a manner constituting disposal.
  - (3) Designation procedures.
- (a) To determine whether or not his waste is designated a person shall check his waste against the following sections, and in the following order:
- (i) First, Discarded chemical products, WAC 173-303-081;
- (ii) Second, Dangerous waste sources, WAC 173-303-082:
- (iii) Third, Infectious dangerous wastes, WAC 173-303-083:
- (iv) Fourth, Dangerous waste mixtures, WAC 173-303-084; and
- (v) Last, Dangerous waste characteristics, WAC 173-303-090.
- (b) In addition to the designation procedures specified in (a) of this subsection, a person may choose or may be required under subsection (4) of this section to check his waste against the following sections, and in the following order:
  - (i) First, Toxic dangerous wastes, WAC 173-303-101;
- (ii) Second, Persistent dangerous wastes, WAC 173-303-102;
- (iii) Last, Carcinogenic dangerous wastes, WAC 173-303-103.
- (c) A person shall check each section, in the order set forth, until he determines that his waste is designated. Once his waste is designated through the lists, mixtures and characteristics, he need not determine any other designations for his waste, except as required by subsection (4) or (5) of this section. For the purposes of designating through the criteria, if a person determines that his waste is designated DW, then he must assure that it is not also EHW by checking it against the remaining sections. If the designation procedures identify a waste as both EHW and DW (e.g., a waste may be DW for corrosivity and EHW for EP toxicity), the waste must be designated EHW. If a person has checked his waste against each section that he is required by this section to check and his waste is not designated, then his

waste is not subject to the requirements of chapter 173-303 WAC.

Any person who wishes to seek an exemption for a waste which has been designated DW or EHW shall comply with the requirements of WAC 173-303-072.

- (4) Criteria designation required. Notwithstanding any other provisions of this chapter, the department may require any person to determine whether or not his waste is designated under the dangerous waste criteria, WAC 173-303-100 through 173-303-103, if the department has reason to believe that his waste would be designated DW or EHW by the dangerous waste criteria, or if the department has reason to believe that his waste is designated improperly (e.g., the waste has been designated DW but should actually be designated EHW by the criteria). If a person, pursuant to the requirements of this subsection, determines that his waste is a dangerous waste or that its designation must be changed, then he shall be subject to the applicable requirements of this chapter 173-303 WAC. The department shall base a requirement to designate a waste by the dangerous waste criteria on evidence that includes, but is not limited to:
- (a) Test information indicating that the person's waste may be DW or EHW;
- (b) Evidence that the person's waste is very similar to another persons' already designated DW or EHW;
- (c) Evidence that the persons' waste has historically been a DW or EHW; or
- (d) Evidence or information about a person's manufacturing materials or processes which indicate that his wastes may be DW or EHW.
- (5) Special knowledge. If a generator has designated his waste under the dangerous waste lists, WAC 173-303-080 through 173-303-082, or mixtures, WAC 173-303-084, and has knowledge that his waste also exhibits any of the dangerous waste characteristics, WAC 173-303-090, or that his waste also meets any of the dangerous waste criteria, WAC 173-303-101 through 173-303-103, or both, then he shall also designate his waste in accordance with those dangerous waste characteristics, or criteria, or both.
- (6) Dangerous waste numbers. When a person is reporting or keeping records on a dangerous waste, he shall use all the dangerous waste numbers which he knows are assignable to his waste from the dangerous waste lists, characteristics, or criteria. For example, if his waste is ignitable and contains extremely hazardous concentrations of halogenated hydrocarbons, he shall use the dangerous waste numbers of D001 and WP01. This shall not be construed as requiring a person to designate his waste beyond those designation requirements set forth in subsections (2), (3), (4), and (5) of this section.
- (7) Quantity exclusion limits; aggregated waste quantities.
- (a) Quantity exclusion limits. In each of the designation sections describing the lists, characteristics, and criteria, quantity exclusion limits (QEL) are identified. The QEL are used to distinguish when a dangerous waste is only subject to the small quantity generator provisions, and when a dangerous waste is fully subject to the requirements of this chapter. Any solid waste which is not excluded or exempted and which is listed by or exhibits the characteristics or criteria of this chapter is a dangerous waste. Small quantity generators who produce dangerous waste below the QEL are

subject to certain requirements described in subsection (8) of this section.

- (b) Aggregated waste quantities. A person may be generating, accumulating, or storing more than one kind of dangerous waste identified by this chapter. In such cases, the person must consider the aggregate quantity of his wastes when determining whether or not his waste amounts exceed the specific quantity exclusion limits (QEL). Waste quantities must be aggregated for all wastes with common QEL's. For the purposes of this subsection, when aggregating waste quantities, a person shall include in his calculation dangerous wastes produced by on-site treatment or recycling of dangerous wastes and dangerous wastes being accumulated or stored. For example, if a person generates, accumulates, or stores 300 pounds of an ignitable waste and 300 pounds of a persistent waste, then both wastes are regulated because their aggregate waste quantity (600 pounds) exceeds their common QEL of 220 pounds. On the other hand, if a person generates, accumulates, or stores one pound of an EHW discarded chemical product and 300 pounds of a corrosive waste, their quantities would not be aggregated because they do not share a common OEL (2.2 pounds and 220 pounds, respective QEL's). Additional guidance on aggregating waste quantities is available from the department.
- (c) The following are categories of waste that are excluded from the quantity determination and need not be aggregated as required by (b) of this subsection when calculating total waste quantities.
- (i) Dangerous waste that is recycled and that is excluded from regulation under WAC 173-303-120 (2)(a), (3)((<del>(d) or (e))</del>)) (c), (e), or (f) is not included in the quantity determinations of this section and is not subject to any requirements of this section.
- (ii) Spent materials that are generated, reclaimed, and subsequently reused on-site, so long as such spent materials have been counted once.
  - (8) Small quantity generators.
- (a) A person is a small quantity generator and is subject to the requirements of this subsection if his waste is designated under subsection (3) of this section, and the quantity of waste that he generates, accumulates, or stores (or the aggregated quantity if he generates more than one kind of waste) does not exceed the quantity exclusion limit for such waste (or wastes). If a person generates, accumulates, or stores any dangerous wastes that exceed the QEL, then all dangerous waste generated, accumulated, or stored by that person is subject to the requirements of this chapter. For example, if a person generates four pounds of an EHW discarded chemical product (QEL is 2.2 pounds) and 200 pounds of an ignitable waste (QEL is 220 pounds), then both wastes are fully regulated, and the person is not a small quantity generator for either waste. A small quantity generator may accumulate such listed or characteristic waste on-site, however when the quantity (or aggregate quantity) on-site at any time exceeds the quantity exclusion limit for such waste (or wastes) he will not be a small quantity generator and will be subject to all applicable requirements of this chapter. A small quantity generator who generates, accumulates, or stores waste in excess of the quantity exclusion limit and becomes subject to the full requirements of this chapter cannot again be a small quantity generator

- until after all dangerous waste on-site at the time he became fully regulated have been removed, treated, or disposed.
- (b) A small quantity generator will not be subject to the requirements of this chapter if he:
- (i) Complies with subsections (1), (2), (3), and (4) of this section; and
- (ii) Either treats or disposes of his dangerous waste in an on-site facility, or ensures delivery to an off-site facility, either of which is:
- (A) Permitted (including permit-by-rule, interim status, or final status) under WAC 173-303-800 through 173-303-840:
- (B) Authorized to manage dangerous waste by another state with a hazardous waste program approved under 40 CFR Part 271, or by EPA under 40 CFR Part 270;
- (C) Permitted to manage moderate-risk waste under chapter 173-304 WAC (Minimum functional standards for solid waste handling), operated in accordance with state and local regulations, and consistent with the applicable local hazardous waste plan that has been approved by the department;
- (D) A facility that beneficially uses or reuses, or legitimately recycles or reclaims his dangerous waste, or that treats his waste prior to such recycling activities; or
- (E) Permitted to manage municipal or industrial solid waste in accordance with state or local regulations, or in accordance with another state's solid waste laws if the waste is sent out of state; and
- (iii) Submits an annual report in accordance with WAC 173-303-220 if he has obtained an EPA/state identification number pursuant to WAC 173-303-060.

AMENDATORY SECTION (Amending Order 90-42, filed 3/7/91, effective 4/7/91)

- WAC 173-303-120 Recycled, reclaimed, and recovered wastes. (1) This section describes the requirements for persons who recycle materials that are solid wastes and dangerous. Except as provided in subsections (2) and (3) of this section, dangerous wastes that are recycled are subject to the requirements for generators, transporters, and storage facilities of subsection (4) of this section. Dangerous wastes that are recycled will be known as "recyclable materials."
- (2)(a) The following recyclable materials are solid wastes and sometimes are dangerous wastes. However, they are subject only to the requirements of (b) of this subsection, WAC 173-303-050, 173-303-145 and 173-303-960:
  - (i) Industrial ethyl alcohol that is reclaimed;
- (ii) Used batteries (or used battery cells) returned to a battery manufacturer for regeneration;
- (iii) Used oil that exhibits one or more of the characteristics or criteria of dangerous waste and is recycled in some manner other than:
  - (A) Being burned for energy recovery; or
- (B) Being used in a manner constituting disposal, except when such use is by the generator on his own property;
  - (iv) Scrap metal;
- (v) Fuels produced from the refining of oil-bearing dangerous wastes along with normal process streams at a petroleum refining facility if such wastes result from normal petroleum refining, production, and transportation practices;

- (vi) Oil reclaimed from dangerous waste resulting from normal petroleum refining, production, and transportation practices, which oil is to be refined along with normal process streams at a petroleum refining facility;
- (vii) Coke and coal tar from the iron and steel industry that contains dangerous waste from the iron and steel production process;
- (viii)(A) Dangerous waste fuel produced from oilbearing dangerous wastes from petroleum refining, production, or transportation practices, or produced from oil reclaimed from such dangerous wastes, where such dangerous wastes are reintroduced into a process that does not use distillation or does not produce products from crude oil so long as the resulting fuel meets the used oil specification under WAC 173-303-515 (1)(d) and so long as no other dangerous wastes are used to produce the dangerous waste fuel;
- (B) Dangerous waste fuel produced from oil-bearing dangerous waste from petroleum refining production, and transportation practices, where such dangerous wastes are reintroduced into a refining process after a point at which contaminants are removed, so long as the fuel meets the used oil fuel specification under WAC 173-303-515 (1)(d); and
- (C) Oil reclaimed from oil-bearing dangerous wastes from petroleum refining, production, and transportation practices, which reclaimed oil is burned as a fuel without reintroduction to a refining process, so long as the reclaimed oil meets the used oil fuel specification under WAC 173-303-515 (1)(e); and
- (ix) Petroleum coke produced from petroleum refinery dangerous wastes containing oil at the same facility at which such wastes were generated, unless the resulting coke product exhibits one or more of the characteristics of dangerous waste in WAC 173-303-090.
- (b) Any recyclable material listed in (a) of this subsection will be subject to the applicable requirements listed in subsection (4) of this section if the department determines, on a case-by-case basis, that:
- (i) It is being accumulated, used, reused, or handled in a manner that poses a threat to public health or the environment; or
- (ii) Due to the dangerous constituent(s) in it, any use or reuse would pose a threat to public health or the environment. Such recyclable material will be listed in WAC 173-303-016(6).
- (3) The following recyclable materials are not subject to the requirements of this section but are subject to the requirements of WAC 173-303-070 through 173-303-110, 173-303-160, 173-303-500 through 173-303-525, and all applicable provisions of WAC 173-303-800 through 173-303-840:
- (a) Recycling requirements for state-only dangerous wastes (see WAC 173-303-500);
- (b) Recyclable materials used in a manner constituting disposal (see WAC 173-303-505);
- (c) <u>Spent CFC or HCFC refrigerants that are recycled</u> (see WAC 173-303-506);
- (d) Dangerous wastes burned for energy recovery in boilers and industrial furnaces that are not regulated under Subpart O of 40 CFR Part 265 or WAC 173-303-670 (see WAC 173-303-510);

- (((d))) (e) Used oil that is burned for energy recovery in boilers and industrial furnaces that are not regulated under Subpart O of 40 CFR Part 265 or WAC 173-303-670, if such used oil:
- (i) Exhibits one or more of the characteristics of a dangerous waste; or
- (ii) Is designated as DW solely through WAC 173-303-084 or 173-303-101 through 173-303-103; or
- (iii) Is designated solely as W001, (see WAC 173-303-515);
- (((e))) (f) Spent lead-acid batteries that are being reclaimed (see WAC 173-303-520);
- (((f))) (g) Recyclable materials from which precious metals are reclaimed (see WAC 173-303-525).
- (4) Those recycling processes not specifically discussed in subsections (2) and (3) of this section are generally subject to regulation only up to and including storage prior to recycling. For the purpose of this section, recyclable materials received from off-site shall be considered stored unless they are moved into an active recycling process within twenty-four hours after being received. An active recycling process refers to a dynamic recycling operation that occurs within a recycling unit such as a distillation or centrifuge unit. The phrase does not refer to passive storage-like activities that occur, for example, when tanks or containers are used for phase separation or for settling impurities. Passive storage-like activities are not eligible for the recycling exemption under this subsection.

The recycling process itself is generally exempt from regulation unless the department determines, on a case-by-case basis, that the recycling process poses a threat to public health or the environment.

Unless specified otherwise in subsections (2) and (3) of this section:

- (a) Generators of recyclable materials are subject to all applicable requirements of this chapter including, but not limited to. WAC 173-303-170 through 173-303-230;
- (b) Transporters of recyclable materials are subject to all applicable requirements of this chapter including, but not limited to, WAC 173-303-240 through 173-303-270;
- (c) Owners or operators of facilities that receive recyclable materials from off-site and recycle these recyclable materials without storing them before they are recycled are subject to the following requirements:
  - (i) WAC 173-303-060,
  - (ii) WAC 173-303-283 through 173-303-290,
  - (iii) WAC 173-303-310 through 173-303-395,
  - (iv) WAC 173-303-630 (2) through (10), and
- (v) WAC 173-303-640 (2) through (10), except 173-303-640 (8)(c) and the second sentence of WAC 173-303-640 (8)(a) (i.e., a recycler, unless otherwise required to do so, does not have to prepare a closure plan, a cost estimate for closure, or provide financial responsibility for his tank system to satisfy the requirements of this section). In lieu of the dates in WAC 173-303-640 (2) and (4), for existing tank systems regulated under this subsection, owners and operators must complete the assessment of the tank system's integrity by June 1, 1992, and must meet the secondary containment requirements of WAC 173-303-640(4) by January 12, 1993;
- (vi) The owner or operator must obtain data, by screening-type analysis if necessary, confirming the

designation of each waste stream, such that each dangerous waste received can be effectively recycled without jeopardizing human health or the environment. The owner or operator must verify the waste designation periodically, so that it is accurate and current, but at least once every six months or on a batch basis if shipments of a specific waste stream are less frequent. Copies of all analyses and data must be retained for at least five years and made available to the department upon request.

- (d) Owners or operators of facilities that store recyclable materials before they are recycled are subject to the following requirements including, but not limited to:
  - (i) For all recyclers, the applicable provisions of:
  - (A) WAC 173-303-280 through 173-303-395,
  - (B) WAC 173-303-420,
  - (C) WAC 173-303-800 through 173-303-840;
- (ii) For recyclers with interim status permits, the applicable storage provisions of WAC 173-303-400 including Subparts F through L of 40 CFR Part 265;
- (iii) For recyclers with final facility permits, the applicable storage provisions of:
  - (A) WAC 173-303-600 through 173-303-650, and
  - (B) WAC 173-303-660.

#### **NEW SECTION**

## WAC 173-303-506 Special requirements for the recycling of spent CFC or HCFC refrigerants. (1) Applicability.

- (a) This section applies to spent chlorofluorocarbon (CFC) and hydrochlorofluorocarbon (HCFC) refrigerants that are reclaimed or recycled. Refrigerants eligible for these special requirements are those CFCs and HCFCs that were used as heat transfer material in a refrigeration cycle in totally enclosed heat transfer equipment and are subsequently reclaimed or recycled.
- (b) Persons who generate, transport, or store spent CFC or HCFC refrigerants prior to reclamation or recycling and facilities that reclaim or recycle spent CFC or HCFC refrigerants are subject to the requirements of this section, and WAC 173-303-050, 173-303-145, and 173-303-960. Spent CFC or HCFC refrigerants that are not reclaimed or recycled are subject to all the applicable requirements of chapter 173-303 WAC. Any discharge of spent CFCs or HCFCs to the environment constitutes disposal and is subject to full regulation under chapter 173-303 WAC.
  - (2) Generator requirements.
- (a) Persons who reclaim or recycle their spent CFC or HCFC refrigerants, either on-site or send their wastes off-site to be reclaimed or recycled, shall keep records for a period of at least five years from the date of reclamation/recycling to document:
  - (i) The date of shipment (if sent off-site);
- (ii) The quantity (by weight) reclaimed/recycled per shipment (when sent off-site) or batch (when recycled onsite):
- (iii) The percentage of the total amount of CFC or HCFC wastes reclaimed/recycled per shipment or batch (and the manner of disposal for the remaining CFCs or HCFCs); and
  - (iv) The dates of reclamation/recycling.

- (b) For CFCs or HCFCs sent off-site, the generator must obtain a signed document from the reclamation facility certifying the information in (a) of this subsection.
  - (3) Reclamation facility requirements.
- (a) Facilities that reclaim or recycle CFC or HCFC refrigerants shall comply with all the requirements of WAC 173-303-500 (except for WAC 173-303-500 (2)(c)(ii)). The applicable provisions of the following sections will also apply:
- (i) WAC 173-303-280(2), General requirements for dangerous waste management facilities, imminent hazard;
  - (ii) WAC 173-303-283, Performance standards;
  - (iii) WAC 173-303-290 (1) and (2), Required notices;
- (iv) WAC 173-303-380, Facility recordkeeping; except for WAC 173-303-380 (1)(c), (e), and (h);
  - (v) WAC 173-303-390(3), Facility reporting;
- (vi) WAC 173-303-630(10), Use and management of containers;
- (vii) WAC 173-303-640 (1), (2), (8), and (10), Tank systems, except WAC 173-303-640 (8)(c) and the second sentence of WAC 173-303-640 (8)(a) (i.e., a recycler, unless otherwise required to do so, does not have to prepare a closure plan, a cost estimate for closure, or provide financial responsibility for his tank system to satisfy the requirements of this section).
- (b) The reclamation facility must supply generators with a signed document certifying the information in subsection (2)(a) of this section.

### WSR 92-19-077 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-103-Filed September 14, 1992, 4:10 p.m.]

Date of Adoption: September 14, 1992.

Purpose: Personal use rules.

Citation of Existing Rules Affected by this Order: Amending WAC 220-57-137.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Sufficient coho salmon will return to the Puyallup Hatchery on Voight Creek this fall to meet the egg-take needs at the hatchery and provide for a recreational fishery as well. Enough chinook salmon to meet hatchery egg-take needs are not expected to return, so the recreational take should be limited to coho salmon only.

Effective Date of Rule: Immediately.

September 14, 1992
Judith Merchant
Deputy
for Robert Turner
Acting Director

#### **NEW SECTION**

WAC 220-57-13700B Carbon River Notwithstanding the provisions of WAC 220-57-137, effective immediately through September 30, it is unlawful to fish for or possess salmon taken from waters of the Carbon River except:

- (1) Daily bag limit of two coho salmon measuring not less than 12 inches in length.
- (2) Waters upstream of old bridge abutments near the east end of Bridge Street in Orting are closed.

#### WSR 92-19-096 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-104--Filed September 16, 1992, 4:10 p.m., effective September 20, 1992, 6:00 p.m.]

Date of Adoption: September 16, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-36-02300R.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of chinook salmon are available.

Effective Date of Rule: September 20, 1992, 6:00 p.m. September 16, 1992

Judith Freeman
Acting Deputy
for Robert Turner
Director

#### **NEW SECTION**

WAC 220-36-02300S Grays Harbor salmon — Fall fishery. Notwithstanding the provisions of WAC 220-36-023, it is unlawful to fish for salmon in Grays Harbor for commercial purposes or to possess salmon taken from those waters for commercial purposes, except that:

#### FISHING PERIOD

(1) Gill net gear may be used to fish for salmon from 6:00 PM September 20 to 6:00 PM September 23, 1992 in SMCRA 2C.

**GEAR** 

(2) Gill net gear shall not contain mesh smaller than 7 1/2 inches stretch measure.

#### **REPEALER**

The following section of the Washington Administrative Code is repealed, effective 7:00 PM September 16, 1992:

WAC 220-36-02300R Grays Harbor—Fall fishery. (92-99)

### WSR 92-19-097 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-105—Filed September 16, 1992, 4:14 p.m.]

Date of Adoption: September 16, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-32-05100P.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of fall chinook are available in the area between the Dalles Dam and McNary Dam. This rule is consistent with the decision of the September 15, 1992, meeting of the Columbia River Compact.

Effective Date of Rule: Immediately.

September 16, 1992
Judith Freeman
Acting Deputy
for Robert Turner
Director

#### **NEW SECTION**

WAC 220-32-05100Q Columbia River salmon seasons above Bonneville. (1) Notwithstanding the provisions of WAC 220-32-051 and 220-32-052, 220-32-053, 220-32-056, 220-32-057, and 220-32-058, effective immediately, it is unlawful for a person to take or possess salmon, shad or sturgeon taken for commercial purposes from Columbia River Salmon Management and Catch Reporting Areas 1F, 1G or 1H, except those individuals possessing treaty fishing rights under the Yakima, Warm Springs, Umatilla or Nez Perce treaties may fish or possess salmon, sturgeon and shad under the following provisions:

- (a) Open for salmon and shad:
- 6 a.m. September 17, 1992 to 6 p.m. September 19, 1992. Sturgeon may be retained only for subsistence purposes.
- (b) Open area: SMCRA 1G, and 1H
- (c) Mesh: no mesh restriction
- (2) Notwithstanding the provisions of WAC 220-32-058, the closed area at the mouth of:
- (a) Deschutes River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between points one-half mile upstream

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from the eastern shoreline to one mile downstream from the western shoreline.

- (b) Umatilla River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between points one-half mile upstream from the eastern shoreline to one mile downstream from the western shoreline.
- (3) Notwithstanding the provisions of WAC 220-22-010, as used in this rule:
- (a) Area 1F (Bonneville Pool) includes those waters of the Columbia River upstream from the Bridge of Gods, and downstream from the west end of the 3 mile rapids located approximately 1.8 miles below the Dalles Dam.
- (b) Area 1G includes those waters of the Columbia River upstream from a line drawn between a deadline marker on the Oregon shore located approximately 3/4 mile above the Dalles Dam fishway exit, thence at a right angle to the the thread of the river to a point in midriver, then downstream to Light "1" on the Washington shore, and downstream from Preacher's Eddy light below John Day Dam
- (c) Area 1H includes those waters of the Columbia River upstream from a fishing boundary marker approximately one-half mile above the John Day River, Oregon, extending at a right angle across the thread of the river to a point in midriver, then downstream to a fishing boundary marker on the Washington shore approximately opposite the mouth of the John Day River, and downstream from a line at a right angle across the thread of the river one mile downstream from McNary Dam.

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

#### REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-32-05100P Columbia River salmon seasons above Bonneville. (92-95)

#### WSR 92-19-101 RESCISSION OF EMERGENCY RULES DEPARTMENT OF AGRICULTURE

[Filed September 17, 1992, 2:58 p.m.]

Effective immediately, the Department of Agriculture, Food Safety and Animal Health Division, wishes to rescind the emergency rule that restricts importation of horses from Massachusetts and New Hampshire and requires a permit on all horses imported into the state of Washington.

Washington State Register 92-16-001 filed on July 22, 1992.

Mike Schwisow
Deputy Director

## WSR 92-19-102 EMERGENCY RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance)

[Order 3453—Filed September 17, 1992, 3:47 p.m., effective September 18, 1992, 12:01 a.m.]

Date of Adoption: September 17, 1992.

Purpose: Clarification of language. It is in the best interest of the public for WAC to be consistent with present policy.

Citation of Existing Rules Affected by this Order: Amending WAC 388-92-041 Medicaid qualifying trusts.

Statutory Authority for Adoption: RCW 74.08.090.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Clarify language and intent. Clarifies that a Medicaid qualifying trust may be set up by a legal guardian, in addition to client or spouse. This Washington Administrative Code is amended in the best interest of the public. This amendment allows this WAC to be consistent with present policy.

Effective Date of Rule: September 18, 1992, 12:01 a.m.

September 17, 1992

Leslie F. James, Director

Administrative Services

AMENDATORY SECTION (Amending Order 2486, filed 5/1/87)

- WAC 388-92-041 Medicaid qualifying trusts. (1) A Medicaid qualifying trust is a grantor trust, or other similar legal device, set up by the client (((or)), client's spouse(())), or the legal guardian for an incompetent client under which:
- (a) The client may be the beneficiary of all or part of the payments from the trust; and
- (b) The distribution of such payments is determined by one or more trustees; and
- (c) The trustees are permitted to use discretion with respect to the distribution to the client.
- (2) The amount deemed to be available to the client from the trust is the greatest amount of payments permitted to be distributed under the terms of the trust.
  - (3) This section shall apply:
  - (a) Whether or not the Medicaid qualifying trust:
  - (i) Is irrevocable; or
- (ii) Is established for purposes other than to establish eligibility for medical assistance.
- (b) Whether or not the trustees actually use the discretion permitted by the trust.
- (4) The department shall waive the requirements of this section if undue hardship exists. Each case involving a Medicaid qualifying trust shall be evaluated on an individual basis to decide if undue hardship exists. Undue hardship shall include but not be limited to situations in which:

- (a) The trustee has refused to disburse the funds from the trust and the client has filed and is actively pursuing litigation to require the trustee to disburse said funds; or
- (b) The client would be forced to go without life sustaining services because trust funds are not made available to pay for the services.
- (5) This section shall not apply to any trust or initial trust decree established:
  - (a) Prior to April 7, 1986; and
- (b) Solely for the benefit of a mentally retarded client who lives in an intermediate care facility for the mentally retarded.

#### WSR 92-19-110 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-108—Filed September 18, 1992, 3:44 p.m.]

Date of Adoption: September 18, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-47-814.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Opening in Area 6D provides opportunity to harvest nontreaty allocation of coho salmon destined for the Dungeness River. Modification of the 7-day per week preseason plan for this week is in place due to unseasonably low flows in the river and is intended to protect milling salmon in Dungeness Bay. Opening in Area 7B provides opportunity to harvest nontreaty allocation of coho salmon destined for the Nooksack-Samish region of origin. The gillnet maximum mesh restriction and in-season area restriction are designed to reduce chinook impacts. Opening in Areas 10 and 11 provide opportunity to harvest nontreaty allocation of coho salmon destined for the South Puget Sound region of origin. Northern Area 10 in-season restriction is designed to reduce impacts to nonlocal stocks of adult salmon and juvenile chinook salmon and to provide separation between commercial fleets, recreational fishers and ferry traffic. All other Puget Sound areas are closed to prevent overharvest of local salmon stocks. Area 8D was not opened, contrary to WAC 220-47-311 and 220-47-411 (Order 92-47), to provide opportunity to resolve the disagreement between WDF and the Tulalip tribe regarding Tulalip reservation boundaries inside Tulalip Bay.

Effective Date of Rule: Immediately.

September 18, 1992
Judith Freeman
Acting Deputy
for Robert Turner
Director

#### **NEW SECTION**

WAC 220-47-815 Puget Sound all-citizen commercial salmon fishery. Notwithstanding the provisions of Chapter 220-47 WAC, effective immediately until further notice, it is unlawful to take, fish for, or possess salmon or Atlantic salmon for commercial purposes taken from the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following open periods and mesh and area restrictions:

- \* Area 6D Skiff gillnets using 5-inch minimum mesh may fish from 12:00 noon Monday September 21 to 6:00 p.m. Thursday September 24.
- \* Area 7B Gillnets using 5-inch minimum, 6-inch maximum mesh may fish from 4:00 p.m. Friday September 18 to 4:00 p.m. Friday October 23, and purse seines using the 5-inch strip may fish from 4:00 p.m. Friday September 18 to 4:00 p.m. Friday October 23. In addition to the exclusion zones described in WAC 220-47-307, Area 7B is closed south of a line projected from Governors Point to the most northerly point of Vendovi Island.
- \* Areas 10 and 11 Gillnets using 5-inch minimum mesh may fish from 6:00 p.m. to 8:00 a.m. nightly, Monday and Tuesday nights, September 21 and 22, and purse seines using the 5-inch strip may fish from 6:00 a.m. to 8:00 p.m. daily, Tuesday and Wednesday, September 22 and 23. In addition to the exclusion zones described in WAC 220-47-307, Area 10 is closed north of a line projected from Point Wells to "SF" Buoy then west to President Point through October 31, 1992.
- \* Areas 4B, 5, 6, 6A, 6B, 6C, 7, 7A, 7C, 7D, 7E, 8, 8A, 8D, 9, 9A, 10A, 10C, 10D, 10E, 10F, 10G, 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13C, 13D, 13E, 13F, 13G, 13H, 13I, 13J, and 13K, all freshwater areas, and exclusion zones provided for in WAC 220-47-307 except as modified herein Closed.

#### **REPEALER**

The following section of the Washington Administrative Code is repealed effective immediately:

WAC 220-47-814

Puget Sound all-citizen commercial salmon fishery (92-102)

## WSR 92-19-111 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-107-Filed September 18, 1992, 3:46 p.m.]

Date of Adoption: September 18, 1992.

Purpose: Personal use rules.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-56-19000F.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: The ocean fishing season adjacent to Grays Harbor has lasted much longer than anticipated and the permanent regulations close the area at the mouth of Grays Harbor unnecessarily. Harvestable coho are available in the ocean and at the mouth of Grays Harbor.

Effective Date of Rule: Immediately.

September 18, 1992
Judith Merchant
Deputy
for Robert Turner
Director

### **NEW SECTION**

WAC 220-56-19000J Saltwater seasons and bag limits—Salmon. Notwithstanding the provisions of WAC 220-56-190(4) for Grays Harbor (Catch Record Card Area 2-2), effective immediately, it is unlawful to fish for personal use in those waters of Catch Record Card Area 2-2 or to possess fish taken from those waters, except:

- (1) Catch Record Card Area 2-2 west of Channel Marker 13 is open to salmon angling coincidentally with the season, bag limit, size, and gear restrictions in adjacent waters of the Pacific Ocean (Catch Record Card Area 2). Lawful to fish from the bank only of the north and south jetties 7 days per week when the recreational season is in progress in adjacent ocean waters;
- (2) Catch Record Card Area 2-2 east of Channel Marker 13 line is open to salmon angling coincidentally with the season, bag limit, size and gear restrictions in adjacent waters of the Pacific Ocean (Catch Record Card Area 2), and Bag limit A when the adjacent waters are closed.

#### REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-56-19000F Saltwater seasons and bag limits—Salmon (92-88)

### WSR 92-19-112 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-106-Filed September 18, 1992, 3:48 p.m.]

Date of Adoption: September 18, 1992.

Purpose: Personal use rules.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-56-19000H.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: The coho quota has been met in Catch Record Card Area 1.

Effective Date of Rule: Immediately.

September 18, 1992
Judith Merchant
Deputy
for Robert Turner
Director

#### **NEW SECTION**

WAC 220-56-19000I Saltwater seasons and bag limits - Salmon Notwithstanding the provisions of WAC 220-56-180 and WAC 220-56-190, until further notice it is unlawful to fish for salmon in Catch Record Card Areas 1, 2, 3, and 4, except as provided for in this section:

- (1) Areas and times open to salmon angling are as follows:
- (a) Catch Record Card Area 3 July 13 through October 1, or until overall chinook quota of 33,000, or until Catch Record Card Area 3 coho sub-quota of 3,000 is reached; whichever of the three is earliest. Closed to salmon angling each Friday and Saturday.
- (b) Catch Record Card Area 2 July 6 through October 1, or until overall chinook quota of 33,000, or until Catch Record Card Area 2 coho sub-quota of 54,400 is reached; whichever of the three is earliest. Closed to salmon angling each Friday and Saturday.
- (d) Catch Record Card Area 1, but excluding waters of Columbia River Mouth Conservation Zone 1 (as defined in WAC 220-56-195) September 14 through September 17, 1992. Closed to salmon angling each Friday and Saturday.
  - (2) Bag Limits and weekly limits are as follows:
  - (a) 2 salmon per day.
- (b) No more than 4 salmon in any seven consecutive day period.
  - (3) Minimum size limits are:
  - (a) Chinook salmon 24 inches
  - (b) Coho salmon 16 inches, and
  - (c) No minimum size for other salmon
  - (4) Gear
  - (a) Single point barbless hooks only
  - (b) One rod per angler
- (5) Shore based angling from the north jetty of the Columbia River is allowed.

**Reviser's note:** The typographical error in the above section occurred in the copy filed by the agency and appears in the Register pursuant to the requirements of RCW 34.08.040.

### **REPEALER**

The following section of the Washington Administrative Code is repealed:

WAC 220-56-19000H

Saltwater seasons and bag limits-Salmon. (92-100)

### WSR 92-19-117 EMERGENCY RULES DEPARTMENT OF FISHERIES

[Order 92-110-Filed September 18, 1992, 4:55 p.m.]

Date of Adoption: September 18, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-47-815.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Opening in Area 6D provides opportunity to harvest nontreaty allocation of coho salmon destined for the Dungeness River. Modification of the 7-day per week preseason plan for this week is in place due to unseasonably low flows in the river and is intended to protect milling salmon in Dungeness Bay. Opening in Area 7B provides opportunity to harvest nontreaty allocation of coho salmon destined for the Nooksack-Samish region of origin. The gillnet maximum mesh restriction and in-season area restriction are designed to reduce chinook impacts. Openings in Areas 10 and 11 provide opportunity to harvest nontreaty allocation of coho salmon destined for the South Puget Sound region of origin. Modification from 2-day to 1-day opening (see WAC 220-47-815, Order 92-108) is in consideration of 40% reduction of run size according to inseason update on September 18, 1992. Northern Area 10 inseason restriction is designed to reduce impacts to nonlocal stocks of adult salmon and juvenile chinook salmon and to provide separation between commercial fleets, recreational fishers and ferry traffic. All other Puget Sound areas are closed to prevent overharvest of local salmon stocks. Area 8D was not opened, contrary to WAC 220-47-311 and 220-47-411 (Order 92-47), to provide opportunity to resolve the disagreement between WDF and the Tulalip tribe regarding Tulalip reservation boundaries inside Tulalip Bay.

Effective Date of Rule: Immediately.

September 18, 1992
Judith Merchant
Deputy
for Robert Turner
Director

### **NEW SECTION**

WAC 220-47-816 Puget Sound all-citizen commercial salmon fishery. Notwithstanding the provisions of Chapter 220-47 WAC, effective immediately, until further notice, it is unlawful to take, fish for, or possess salmon or Atlantic salmon for commercial purposes taken from the following Puget Sound Salmon Management and Catch Reporting Areas except in accordance with the following open periods and mesh and area restrictions:

\* Area 6D - Skiff gillnets using 5-inch minimum mesh may fish from 12:00 noon Monday September 21 to 6:00 p.m. Thursday September 24.

- \* Area 7B Gillnets using 5-inch minimum, 6-inch maximum mesh may fish from 4:00 p.m. Friday September 18 to 4:00 p.m. Friday October 23, and purse seines using the 5-inch strip may fish from 4:00 p.m. Friday September 18 to 4:00 p.m. Friday October 23. In addition to the exclusion zones described in WAC 220-47-307, Area 7B is closed south of a line projected from Governors Point to the most northerly point of Vendovi Island.
- \* Areas 10 and 11 Gillnets using 5-inch minimum mesh may fish from 6:00 p.m. Monday September 21 to 8:00 a.m. Tuesday September 22, and purse seines using the 5-inch strip may fish from 6:00 a.m. to 8:00 p.m. Tuesday September 22. In addition to the exclusion zones described in WAC 220-47-307, Area 10 is closed north of a line projected from Point Wells to "SF" Buoy then west to President Point through October 31, 1992.
- \* Areas 4B, 5, 6, 6A, 6B, 6C, 7, 7A, 7C, 7D, 7E, 8, 8A, 8D, 9, 9A, 10A, 10C, 10D, 10E, 10F, 10G, 11A, 12, 12A, 12B, 12C, 12D, 13, 13A, 13C, 13D, 13E, 13F, 13G, 13H, 13I, 13J, and 13K, all freshwater areas, and exclusion zones provided for in WAC 220-47-307 except as modified herein Closed.

### REPEALER

The following section of the Washington Administrative Code is repealed effective immediately:

WAC 220-47-815

Puget Sound all-citizen commercial salmon fishery (92-108)

# WSR 92-19-122 EMERGENCY RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance)

[Order 3454—Filed September 21, 1992, 3:26 p.m., effective September 22, 1992, 12:01 a.m.]

Date of Adoption: September 21, 1992.

Purpose: 7 CFR 273.21 (k)(2)(ii) gives the state the option of allowing households to be reinstated if the households file a completed monthly report by the last day of the issuance month when the household has been terminated for failure to file a completed monthly report.

Citation of Existing Rules Affected by this Order: Amending WAC 388-49-590 Monthly reporting.

Statutory Authority for Adoption: RCW 74.04.050.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: 7 CFR 273.21 (k)(2)(ii) gives the state the option of allowing households to file a completed monthly report by the last day of the issuance

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month for reinstated benefits when the household has been terminated for nonreceipt of a monthly report.

Effective Date of Rule: September 22, 1992, 12:01 a.m.
September 21, 1992
Leslie F. James, Director
Administrative Services
by Rosemary Carr

### AMENDATORY SECTION (Amending Order 3395, filed 5/29/92, effective 7/1/92)

- WAC 388-49-590 Monthly reporting. (1) The department shall require the following households to return a completed monthly report by the fifth day of the process month describing the household circumstances during the budget month:
- (a) A household with earned income or with a recent work history except a:
  - (i) Migrant or seasonal farm worker household; or
- (ii) Household in which all members are homeless individuals; or
- (iii) Household with a recent work history in which all adult members are elderly or disabled.
  - (b) An AFDC household subject to monthly reporting.
- (2) A household with a recent work history shall report for two months:
- (a) Beginning the month following the month of opening at initial application; or
- (b) After the last month of earnings during the certification period.
- (3) The department shall require a household reporting monthly to verify the factors specified ((in)) under WAC 388-49-110(5).
  - (4) The department shall notify a household if:
  - (a) Its monthly report is late;
  - (b) Its monthly report is incomplete; or
  - (c) Additional information is needed.
- (5) If the household furnishes a completed report to the department by the end of the process month, the department shall:
  - (a) Accept the monthly report; and
  - (b) Continue benefits if the household remains eligible.
  - (6) The department shall:
- (a) Terminate a household failing to return a completed report by the end of the process month((, unless the household indicates it had returned a completed monthly report.)); and
- (b) Notify the household ((elaiming to have filed a monthly report)) that it ((must)) may return a completed monthly report by the last day of the ((issuance)) payment month to receive ((continued)) reinstated benefits.
- (7) The department shall not require a household that reports monthly to report changes before reporting on the monthly report.

# WSR 92-19-123 EMERGENCY RULES DEPARTMENT OF SOCIAL AND HEALTH SERVICES

(Public Assistance)

[Order 3455—Filed September 21, 1992, 3:28 p.m., effective September 22, 1992, 12:01 a.m.]

Date of Adoption: September 21, 1992.

Purpose: The creation of these rules provides coverage of licensed midwife services and payment, WAC 388-86-059 Licensed midwife services and 388-87-079 Payment—Licensed midwives.

Statutory Authority for Adoption: RCW 74.08.090.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: To add rules to show midwives as service providers. To add rules to cover the service.

Effective Date of Rule: September 22, 1992, 12:01 a.m.
September 21, 1992
Leslie F. James, Director
Administrative Services
by Rosemary Carr

#### **NEW SECTION**

WAC 388-86-059 Licensed midwife services. (1) The medical assistance administration (MAA) shall provide to eligible clients, obstetrical services through a Washington state licensed midwife.

- (2) Such obstetrical services include:
- (a) Routine antepartum care;
- (b) Routine postpartum care;
- (c) Normal labor and vaginal delivery, with or without episiotomy;
  - (d) Fetal nonstress test and non-Oxytocin stress test; and
- (e) Administration of Rho (D) Immune Globulin (human) injection.
- (3) The MAA shall not cover obstetrical services provided in a private home.

### **NEW SECTION**

WAC 388-87-079 Payment—Licensed midwives. (1) The medical assistance administration (MAA) shall reimburse a Washington State licensed midwife at the billed rate or the maximum allowable physician rate.

- (2) The MAA shall pay for licensed midwife services:
- (a) When the services are performed in a licensed birthing facility or a hospital setting;
- (b) Independently from the birthing facilities or hospital charges; and
  - (c) According to MAA billing instructions.

### WSR 92-19-134 **EMERGENCY RULES** DEPARTMENT OF FISHERIES

[Order 92-109-Filed September 22, 1992, 4:32 p.m., effective September 22, 1992, 6:00 p.m.]

Date of Adoption: September 22, 1992. Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-33-01000G.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of fall chinook and coho salmon are available in the Columbia River. This rule is consistent with the actions of the September 22, 1992, meeting of the Columbia River Compact.

Effective Date of Rule: September 22, 1992, 6:00 p.m. September 22, 1992 Judith Merchant

> Deputy for Robert Turner Director

**NEW SECTION** 

WAC 220-33-01000H Columbia River salmon seasons below Bonneville. Notwithstanding the provisions of WAC 220-33-010, 220-33-020, and 220-33-030, it is unlawful for a person to take or possess salmon, shad or sturgeon taken for commercial purposes from Columbia River SMCRA 1A, 1B, 1C, 1D and 1E except as provided in the following subsections.

### FISHING PERIODS

- (1) 6:00 p.m. September 22, 1992 to 6:00 p.m. September 25, 1992 in SMCRA 1A, 1B, 1C, 1D, and 1E.
  - **GEAR**
- (2) It is unlawful to fish for salmon, shad and sturgeon with gill net gear in that portion of SMCRA 1D and 1E above the Interstate 5 Bridge with mesh that is less than 8
- (3) It is unlawful to fish for salmon, shad and sturgeon with gill net gear that:
  - (a) exceeds 1,500 feet in length along the corkline;
  - (b) is constructed of monofilament webbing; and
- (c) has lead or weight on the leadline that exceeds two pounds in any one fathom, measurement to be taken along the corkline of the net.
  - (4) It is unlawful to gaff a sturgeon.
- (5) White sturgeon less than 48 inches or greater than 60 inches may not be retained for commercial purposes and shall be returned immediately to the water.

### **SANCTUARIES**

(6) During the season provided for in subsection 1 of this section, the following sanctuaries, as defined in WAC 220-33-005, are closed to fishing:

Abernathy Creek

Grays River Elokomin-B Cowlitz Kalama-B Lewis River-B Washougal **Gnat Creek** 

Sandy River Big Creek and

all tributaries flowing into the Columbia River.

### REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-33-01000G

Columbia River salmon seasons below Bonneville.

(92-96)

### WSR 92-19-135 **EMERGENCY RULES DEPARTMENT OF FISHERIES**

[Order 92-111-Filed September 22, 1992, 4:34 p.m., effective September 25, 1992, 11:59 p.m.]

Date of Adoption: September 22, 1992.

Purpose: Personal use rules.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-56-25500Q.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: This regulation is necessary to maintain consistency between state and federal regulations.

Effective Date of Rule: September 25, 1992, 11:59 p.m.

September 22, 1992 Judith Merchant Deputy for Robert Turner Director

### REPEALER

The following section of the Washington Administrative Code is repealed effective 11:59 p.m. September 25, 1992:

WAC 220-56-25500Q Halibut—Seasons. (92-57)

### WSR 92-19-136 **EMERGENCY RULES DEPARTMENT OF FISHERIES**

[Order 92-112-Filed September 22, 1992, 4:37 p.m.]

Date of Adoption: September 22, 1992.

Purpose: Commercial fishing regulations.

Citation of Existing Rules Affected by this Order: Repealing WAC 220-32-05100Q.

Statutory Authority for Adoption: RCW 75.08.080.

Pursuant to RCW 34.05.350 the agency for good cause finds that immediate adoption, amendment, or repeal of a rule is necessary for the preservation of the public health, safety, or general welfare, and that observing the time requirements of notice and opportunity to comment upon adoption of a permanent rule would be contrary to the public interest.

Reasons for this Finding: Harvestable numbers of fall chinook are available in the area between Bonneville Dam and McNary Dam. This rule is consistent with the decision of the September 22, 1992, meeting of the Columbia River Compact.

Effective Date of Rule: Immediately.

September 22, 1992
Judith Merchant
Deputy
for Robert Turner
Director

### **NEW SECTION**

WAC 220-32-05100R Columbia River salmon seasons above Bonneville. (1) Notwithstanding the provisions of WAC 220-32-051 and 220-32-052, 220-32-053, 220-32-056, 220-32-057, and 220-32-058, effective immediately, it is unlawful for a person to take or possess salmon, shad or sturgeon taken for commercial purposes from Columbia River Salmon Management and Catch Reporting Areas 1F, 1G or 1H, except those individuals possessing treaty fishing rights under the Yakima, Warm Springs, Umatilla or Nez Perce treaties may fish or possess salmon, sturgeon and shad under the following provisions:

- (a) Open for salmon and shad:
- 6 a.m. September 23, 1992 to 6 p.m. September 26, 1992.

Sturgeon may be retained only for subsistence purposes.

- (b) Open area: SMCRA 1F, 1G, and 1H
- (c) Mesh: no mesh restriction
- (2) Notwithstanding the provisions of WAC 220-32-058, closed area at the mouth of:
- (a) Hood River is those waters along the Oregon side of the Columbia River and extends to mid-stream at right angles to the thread of the Columbia River between markers located approximately 0.85 miles downriver from the west bank at the end of the breakwall at the west end of the port of Hood River and 1/2 mile upriver from the east bank.
- (b) Herman Creek is those waters upstream from a line between deadline markers near the mouth. One marker is located on the east bank piling and the other is located on the west bank to the north of the boat ramp.
- (c) Deschutes River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between points one-half mile upstream from the eastern shoreline to one mile downstream from the western shoreline.
- (d) Umatilla River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between points one-half mile upstream

from the eastern shoreline to one mile downstream from the western shoreline.

- (e) Big White Salmon River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between a marker located one-half mile downstream from the west bank upstream to light "35".
- (f) Wind River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between markers located 1 1/4 miles downstream from the west bank and 1/2-mile upstream from the east bank.
- (g) Klickitat River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between the downstream margin of Lyle Landing downstream to a marker located near the railroad tunnel approximately 1 1/8 miles downstream from the west bank.
- (h) Little White Salmon River is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between Light "27" upstream to a marker located approximately one-half mile upstream from the eastern shoreline.
- (i) Spring Creek is those waters of the Columbia River extending to midstream at right angles to the thread of the Columbia River between points one-half mile upstream from the eastern shoreline of the hatchery fishway to one and one-half mile downstream from the western shoreline of the hatchery fishway.
- (3) Notwithstanding the provisions of WAC 220-22-010, as used in this rule:
- (a) Area 1F (Bonneville Pool) includes those waters of the Columbia River upstream from the Bridge of Gods, and downstream from the west end of the 3 mile rapids located approximately 1.8 miles below the Dalles Dam.
- (b) Area 1G includes those waters of the Columbia River upstream from a line drawn between a deadline marker on the Oregon shore located approximately 3/4 mile above the Dalles Dam fishway exit, thence at a right angle to the thread of the river to a point in midriver, then downstream to Light "1" on the Washington shore, and downstream from Preacher's Eddy light below John Day Dam.
- (c) Area 1H includes those waters of the Columbia River upstream from a fishing boundary marker approximately one-half mile above the John Day River, Oregon, extending at a right angle across the thread of the river to a point in midriver, then downstream to a fishing boundary marker on the Washington shore approximately opposite the mouth of the John Day River, and downstream from a line at a right angle across the thread of the river one mile downstream from McNary Dam

### REPEALER

The following section of the Washington Administrative Code is repealed:

WAC 220-32-05100Q

Columbia River salmon seasons above Bonneville. (92-105)

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### WSR 92-19-008 ATTORNEY GENERAL OPINION Cite as: AGO 1992 No. 19

[August 28, 1992]

IRRIGATION—DISTRICTS—ELECTIONS—PROPERTY—Eligibility of Property Owners to Vote for Directors of Irrigation District of Less Than 200,000 Acres

RCW 87.03.051 governs voter eligibility in irrigation districts of less than 200,000 acres. Any property holder in the district whose land is subject to assessment for any reason is entitled to vote in district elections, even if the property is not currently being assessed for irrigation district purposes.

Requested by:

Honorable Margaret Rayburn State Representative, District 15 1610 South Euclid Grandview, Washington 98930

### WSR 92-19-009 NOTICE OF PUBLIC MEETINGS OFFICE OF MARINE SAFETY

[Memorandum-September 2, 1992]

Due to scheduling conflicts, the Southern Puget Sound Regional Marine Safety Committee has changed its monthly meeting date and time. Beginning November 5, 1992, the committee will meet as follows: First Thursday of every month, 8:00 a.m., Port of Tacoma's World Trade Center, 3600 Port of Tacoma Road, Tacoma, WA.

If you have any questions, please contact Geri Nelson at the Office of Marine Safety at (206) 664-9128 (SCAN 366).

## WSR 92-19-010 NOTICE OF PUBLIC MEETINGS INTERAGENCY COMMITTEE FOR OUTDOOR RECREATION

[Memorandum-September 1, 1992]

On July 31, 1992, we advised you that the IAC meeting would be held in House Hearing Room B, John L. O'Brien Building, in Olympia, Washington on September 24-25, 1992.

Circumstances have required that the meeting be moved, and because suitable facilities were not available in the Olympia area, we have moved the meeting to a more central location.

Therefore, you are hereby notified that the Interagency Committee for Outdoor Recreation will meet September 24-25, 1992, in the Evergreen Ballroom (A&B) at the Holiday Inn, 800 Rainier Avenue South, Renton, WA, beginning at 8:25 a.m. on Thursday, September 24.

### WSR 92-19-024 NOTICE OF PUBLIC MEETINGS PENINSULA COLLEGE

[Memorandum—August 18, 1992]

The board of trustees of Community College District #1, meeting in regular session on August 17, 1992, revised the schedule for the remaining 1992 meeting dates as follows:

September 8 October 13 November 10 December 8

# WSR 92-19-031 NOTICE OF PUBLIC MEETINGS COUNCIL ON VOCATIONAL EDUCATION

[Memorandum—September 8, 1992]

September 15, 1992

Salon B Wyndham Garden Hotel 18118 Pacific Highway South SeaTac, Washington (9:00 a.m. - 4:00 p.m.)

The meeting site is barrier free. People needing special accommodations should contact the council office at (206) 753-3715.

### WSR 92-19-041 NOTICE OF PUBLIC MEETINGS TRANSPORTATION IMPROVEMENT BOARD

[Memorandum—September 4, 1992]

MEETING NOTICE FOR SEPTEMBER 1992 TRANSPORTATION IMPROVEMENT BOARD OLYMPIA, WASHINGTON 98504-0901

Work session, 7:00 p.m., Thursday, September 24, 1992, in Everett at the WestCoast Pacific Hotel, Mercer Room, 3105 Pine Street.

Board meeting, 9:00 a.m., Friday, September 25, 1992, in Everett at the WestCoast Pacific Hotel, Courtyard Room, Everett.

The next scheduled meeting is October 23, 1992, in Olympia at the Transportation Building.

[1] Miscellaneous

# WSR 92-19-042 NOTICE OF PUBLIC MEETINGS SOUTH PUGET SOUND COMMUNITY COLLEGE

[Memorandum—September 3, 1992]

Due to scheduling conflicts, the regular board of trustees meeting scheduled for Thursday, October 1, 1992, has been moved to Tuesday, October 6, 1992.

## WSR 92-19-056 NOTICE OF PUBLIC MEETINGS CONVENTION AND TRADE CENTER

[Memorandum-September 9, 1992]

The board of directors of the Washington State Convention and Trade Center will meet on Wednesday, September 16, 1992, at 2:00 p.m. in Room 310 of the Convention Center, 800 Convention Place, Seattle.

If you have any questions regarding this meeting, please call 447-5000.

### WSR 92-19-059 NOTICE OF PUBLIC MEETINGS FOREST PRACTICES BOARD

[Memorandum—September 11, 1992]

This notice is given pursuant to provisions of RCW 42.30.075 and WAC 222-08-040.

The Washington Forest Practices Board will hold its regular quarterly meeting on Thursday, November 12, 1992. The meeting will convene at noon in Conference Room 172, Natural Resources Building, 1111 Washington Street S.E., Olympia. The board will immediately adjourn to executive session and the meeting will reconvene at 1 p.m.

Additional information may be obtained from the Forest Practices Division, P.O. Box 47012, Olympia, WA 98504-7012,

Phone until October 9, 1992 is (206) 753-5315, phone after October 10, 1992 is (206) 902-1400.

## WSR 92-19-068 NOTICE OF PUBLIC MEETINGS PUBLIC DISCLOSURE COMMISSION

[Memorandum-August 28, 1992]

The regular meeting of the Public Disclosure Commission scheduled for Tuesday, September 22, 1992, has been cancelled. The next regular meeting is scheduled for Tuesday, October 27, 1992.

### WSR 92-19-069 RULES OF COURT STATE SUPREME COURT

[September 10, 1992]

IN THE MATTER OF THE ADOPTION OF THE AMENDMENTS TO RAP 12.3(d) and (e), RAP 13.4(a) and RAP 17.2(a)

ORDER NO. 25700-A-509

The Court of Appeals having recommended the proposed amendments to RAP 12.3(d) and (e), RAP 13.4(a) and RAP 17.2(a) and the Court having considered the amendments and comments submitted thereto and determined that the amendments will aid in the prompt and orderly administration of justice and further determined that an emergency exists which necessitates an early adoption;

Now, therefore, it is hereby

ORDERED:

- (a) That the amendments as attached hereto are adopted.
- (b) That pursuant to the emergency provisions of GR 9(i), the amendments will be published expeditiously in the Washington Reports and will become effective upon publication.

DATED at Olympia, Washington this 10th day of September, 1992.

	Dore, C/J
Robert F. Utter	B. Durham
Robert F. Brachtenbach	Charles Z. Smith
James M. Dolliver	Richard P. Guy
Andersen, J.	Charles W. Johnson

### RAP 12.3(d), (e)

- (d) Publication of Opinions—Court of Appeals. A majority of the panel issuing an opinion will determine if it will be printed in the Washington Appellate Reports pursuant to RCW 2.06.040 or be filed for public record only.
- (e) Motion To Publish. A motion requesting the Court of Appeals to publish an opinion that had been ordered filed for public record should be filed within 20 days after the opinion has been filed. If the motion is made by a person not a party, the motion must include a statement of (1) applicant's interest and the person or group applicant represents and (2) applicant's reasons for believing that publication is necessary.

### RAP 13.4(a)

(a) How To Seek Review. A party seeking discretionary review by the Supreme Court of a Court of Appeals decision terminating review must file a petition for review in the Court of Appeals within 30 days after an order is filed denying a timely motion for reconsideration of all or any part of that decision. If the petition for review is filed prior the Court of Appeals determination on the motion for reconsideration or on a motion to publish, the petition will not be forwarded to the Supreme Court until the Court of Appeals files an order on all such motions. If no motion for

reconsideration of all or part of the Court of Appeals decision is made, a petition for review must be filed within 30 days after the decision is filed.

### RAP 17.2(a)

(a) Generally. The judges determine (1) a motion in a brief, (2) a motion to modify a ruling by a commissioner or the clerk, (3) a motion for reconsideration of a decision, (4) a motion to recall the mandate, and (5) a motion to extend time under rule 18.8(b), and (6) a motion to publish.

### WSR 92-19-070 RULES OF COURT STATE SUPREME COURT

[September 10, 1992]

IN THE MATTER OF THE ADOPTION OF NEW ER 904 AND AMENDMENTS TO ER TITLE 9, CR 8(c), CR 12(i) and RPC 7.4 (a)(b)

ORDER NO. 25700-A-510

The Washington State Bar Association having recommended the proposed New ER 904 and amendments to ER Title 9, CR 8(c), CR 12(i) and RPC 7.4 (a)(b) and the Court having determined that the new rule and amendments will aid in the prompt and orderly administration of justice and further determined than an emergency exists which necessitates an early adoption;

Now therefore, it is hereby

ORDERED:

- (a) That the new rule and amendments as attached hereto are adopted.
- (b) That pursuant to the emergency provisions of GR 9(i), the new rule and amendments will be published expeditiously in the Washington Reports and will become effective upon publication.

DATED at Olympia, Washington this 10th day of September, 1992.

	Dore, C/J
Robert F. Utter	Charles Z. Smith
Robert F. Brachtenbach	B. Durham
James M. Dolliver	Richard P. Guy
Andersen, J	Charles W. Johnson

### ER 904 ADMISSIBILITY OF DOCUMENTS

- (a) Certain Documents Admissible. The following documents, if relevant, may be admitted in civil cases in accordance with sections (b) and (c) of this rule:
- (1) A bill, report, chart, or record of a hospital, doctor, dentist, registered nurse, licensed practical nurse, physical therapist, psychologist or other health care provider, on a letterhead or billhead;
- (2) A bill for drugs, medical appliances or other related expenses on a letterhead or billhead;

- (3) A bill for, or an estimate of, property damage on a letterhead or billhead. In the case of an estimate, the party intending to offer the estimate shall forward a copy to the adverse party with a statement indicating whether or not the property was repaired, and if it was, whether the estimated repairs were made in full or in part and attach a copy of the receipted bill showing the items of repair and amounts paid;
- (4) A police, weather, wage loss, or traffic signal report, or standard United States government table:
- (5) A photograph, x-ray, drawing, map, blueprint or similar documentary evidence, to the extent it is admissible under the other rules of evidence, but without the need for formal proof of authentication or identification;
- (6) A document not specifically covered by any of the foregoing provisions but relating to a material fact and having equivalent circumstantial guaranties of trustworthiness, the admission of which would serve the interests of justice.
- (b) Notice. Any party intending to offer a document under this rule must serve on all parties a notice, accompanied by a copy of the document and the name, address and telephone number of its author or maker, at least 30 days prior to trial.
- (c) Opposing Party May Require Proof of Identification and Authentication. Any other party may, within 14 days of notice, serve a written objection to any document proposed to be offered under this rule. In the event of objection, the document shall be admitted into evidence only in accordance with the other rules of evidence. If the court finds that such objection was made without a reasonable basis, then the court may award expenses in accordance with CR 37(c).
- (d) No Effect Regarding Weight of Evidence Submitted. This rule does not restrict argument or proof relating to the weight to be accorded the evidence submitted, nor does it restrict the trier of fact's authority to determine the weight of the evidence after hearing all of the evidence and the arguments of opposing parties.

## TITLE 9 AUTHENTICATION, AND IDENTIFICATION AND ADMISSION OF EXHIBITS

### CR 8(c)

(c) Affirmative Defenses. In pleading to a preceding pleading, a party shall set forth affirmatively accord and satisfaction, arbitration and award, assumption of risk, contributory negligence, discharge in bankruptcy, duress, estoppel, failure of consideration, fault of a nonparty, fraud, illegality, injury by fellow servant, laches, license, payment, release, res judicata, statute of frauds, statute of limitations, waiver, and any other matter constituting an avoidance or affirmative defense. When a party has mistakenly designated a defense as a counterclaim or a counterclaim as a defense, the court on terms, if justice so requires, shall treat the pleading as if there had been a proper designation.

#### CR 12(i)

(i) Nonparty at Fault. Whenever a defendant or a third party defendant intends to claim for purposes of RCW 4.22.070(1) that a nonparty is at fault, such claim is an affirmative defense which shall be affirmatively pleaded by the party making the claim. The identity of any nonparty

[3] Miscellaneous

claimed to be at fault, if known to the party making the claim, shall also be affirmatively pleaded.

### RPC 7.4 (a), (b)

A lawyer may communicate the fact that the lawyer does or does not practice in particular fields of law. A lawyer shall not state or imply that the lawyer is a specialist except that a as follows:

(a) A lawyer admitted to engage in patent practice before the United States Patent and Trademark Office may use the designation "patent attorney" or a substantially similar designation.

(b) Upon issuance of an identifying certificate, award, or recognition by a group, organization, or association, a lawyer may use the terms "certified", "specialist", "expert", or any other similar term to describe his or her qualifications as a lawyer or his or her qualifications in any subspecialty of the law. If the terms are used to identify any certificate, award, or recognition by any group, organization, or association, the reference must meet the following requirements: (1) the reference must be truthful and verifiable and may not be misleading in violation of rule 7.1; (2) the reference must identify the certifying group, organization, or association; and (3) the reference must state that the Supreme Court of Washington does not recognize certification of specialties in the practice of law and that the certificate, award, or recognition is not a requirement to practice law in the state of Washington.

## WSR 92-19-071 NOTICE OF PUBLIC MEETINGS UNIVERSITY OF WASHINGTON

[Memorandum-September 10, 1992]

Following is a revised meeting schedule for regular meetings to be held by the University of Washington's School of Fisheries.

### School of Fisheries Faculty Meetings

Meeting Dates	Location	Time
October 6, 1992	Room 288, FISH	CTR.11:30 a.m.
October 20, 1992	Room 288, FISH	CTR.11:30 a.m.
November 3, 1992	Room 288, FISH	CTR.11:30 a.m.
November 17, 1992	Room 288, FISH	CTR.11:30 a.m.
December 1, 1992	Room 288, FISH	CTR.11:30 a.m.
December 15, 1992	Room 288, FISH	CTR.11:30 a.m.

Dates For 1993 Faculty Meetings

Meeting Dates	Location	Time		
January 5, 1993 January 19, 1993 February 2, 1993 February 16, 1993 March 2, 1993 March 16, 1993 March 30, 1993 April 13, 1993	Room 288, FISH Room 288, FISH Room 288, FISH Room 288, FISH Room 288, FISH Room 288, FISH Room 288, FISH	CTR.11:30 a.m. CTR.11:30 a.m. CTR.11:30 a.m. CTR.11:30 a.m. CTR.11:30 a.m. CTR.11:30 a.m.		

April 27, 1993	Room 288, FISH CTR.11:30 a.m.
May 11, 1993	Room 288, FISH CTR.11:30 a.m.
May 25, 1993	Room 288, FISH CTR.11:30 a.m.
June 8, 1993	Room 288, FISH CTR.11:30 a.m.

## WSR 92-19-072 ATTORNEY GENERAL OPINION Cite as: AGO 1992 No. 20

[September 8, 1992]

DEPARTMENT OF NATURAL RESOURCES—FOREST PRACTICES BOARD—DEPARTMENT OF ECOLOGY—CITIES AND TOWNS—COUNTIES—FOREST LAND—ZONING—Conversion of Forest Land to a Use Other Than Commercial Timber Production

- 1. RCW 76.09.060(3) provides that a forest practices application shall indicate whether any land covered by the application will be converted or is intended to be converted to a use other than commercial timber production within three years after completion of the forest practices described in it. If the application does not state conversion is intended, for six years after the date of the application, a local government may deny all applications for permits or approvals relating to nonforestry uses of land subject to the application.
- 2. If a prior landowner did not indicate an intention to convert land to a use other than commercial timber production, RCW 76.09.060 empowers a local government to deny application for permits or approvals relating to nonforestry uses of land subject to the application filed by a subsequent owner of the land for six years after the date of the application by the prior landowner.
- 3. If a local government does not exercise its authority to deny applications for permits or approvals relating to nonforestry uses of land pursuant to RCW 76.09.060, a new landowner may convert the land to a use incompatible with timber growing, assuming such a change is lawful in other respects.
- 4. If a local government does not exercise its authority to deny applications for permits or approvals relating to nonforestry uses of land pursuant to RCW 76.09.060, a new forest practices application is necessary if the activity is a forest practice for which a forest practices application is required.

### Requested by:

Honorable Gary A. Nelson State Senator, District 21 106-A Institutions Building Post Office Box 40421 Olympia, Washington 98504-0421

### WSR 92-19-073 ATTORNEY GENERAL OPINION Cite as: AGO 1992 No. 21

[September 9, 1992]

PUBLIC UTILITY DISTRICTS—COMMISSIONERS—DISTRICTS—OFFICES AND OFFICERS—SALARIES AND WAGES—COMPENSATION—INSURANCE—OPEN PUBLIC MEETINGS ACT—Insurance as Compensation for Public Utility District Commissioners and Manager

- RCW 54.12.080(4) provides that any public utility district providing group insurance for its employees may provide its commissioners with the same insurance coverage. In this circumstance, public utility district commissioners may receive insurance as part of their compensation.
- 2. Article 2, section 25 (amend. 35) of the Washington Constitution provides that the compensation of a public officer shall not be increased during his or her term of office. Article 30, section 1 of the Washington Constitution permits mid-term compensation increases only for public officers who do not fix their own compensation. Accordingly, public utility districts may decide to purchase life insurance policies for their commissioners, but may not actually provide the policies until the next terms of the respective commissioners' offices begin.
- 3. RCW 54.16.100 provides that public utility district commissioners shall fix the compensation of the district manager. This includes the authority to provide insurance because insurance is a form of compensation.
- 4. Since a public utility district manager does not fix his or her own compensation, article 30, section 1 of the Washington Constitution permits a manager to receive an increase in compensation authorized by the public utility district commissioners.
- 5. Article 2, section 25 of the Washington Constitution prohibits a public officer or employee from receiving extra compensation after the services for which the compensation is given have been rendered. If the extra compensation is paid only on condition that the public officer or employee performs future services, there is no violation of this provision.
- 6. The decision to increase the compensation of public utility district commissioners or the manager must be made at an open public meeting. The validity of a meeting under the Open Public Meetings Act is determined by whether notice of the meeting and the opportunity to attend are provided in accordance with RCW 42.30.030 and .070. If these requirements are met, it makes no difference whether any member of the public or the press actually attends the meeting.

### Requested by:

Honorable Linda Smith State Senator, District 18 102 Institutions Building Post Office Box 40418 Olympia, Washington 98504-0418

### WSR 92-19-074 NOTICE OF PUBLIC MEETINGS EDMONDS COMMUNITY COLLEGE

[Memorandum-September 14, 1992]

Board of Trustees Thursday, September 17, 1992 Lynnwood Hall, Room 424 (4:30 - 6:30)

The facilities for this meeting are free of mobility barriers and interpreters for deaf individuals and brailled or taped information for blind individuals will be provided upon request when adequate notice is given.

## WSR 92-19-075 NOTICE OF PUBLIC MEETINGS WORKFORCE TRAINING AND EDUCATION COORDINATING BOARD

[Memorandum—September 9, 1992]

September 28, 6:00 - 9:00 p.m., Faculty dining Room, Shoreline Community College, 1601 Greenwood Avenue Number, Seattle WA, the Workforce Training and Education Coordinating Board (WTECB) will hold a dinner meeting on September 28. The meeting will be held in the faculty dining room at Shoreline Community College, beginning at 6:00 p.m. This meeting will give the board members the opportunity to discuss the direction of workforce training in this state with the newly appointed executive director. There will be no action taken at this meeting.

September 29, 8:30 a.m., Building 1000, Room 1048, Shore Community College, 1601 Greenwood Avenue Number Seattle, WA, the Workforce Coordinating Board will hold its regular business meeting on Tuesday, September 29, beginning at 8:30 a.m. The meeting will be held in Building 1000, Room 1048 at Shoreline Community College. The meeting should conclude by 3:30 p.m.

Agenda items will include budget presentations by the Office of the Superintendent of Public Instruction, the State Board for Community and Technical Colleges, and the Employment Security Department; a final report on the Western Washington University project; and consideration of policy/administration options for the Washington Award for Vocational Excellence. The board will also take action on the WTECB 1993-95 Biennial Budget. In addition, the board members will discuss workplan elements and its 1993 meeting calendar.

The board may hold an executive session for the purpose of receiving and evaluating complaints against or reviewing the qualifications of an applicant for public employment or reviewing the performance of a public employee; consultation with legal counsel regarding agency enforcement actions or actual or potential agency litigation; considering the sale or acquisition of real estate; and/or reviewing professional negotiations.

People needing special accommodations, please call Patsi Justice at (206) 753-5660 or SCAN 234-5660.

[5] Miscellaneous

### WSR 92-19-080 NOTICE OF PUBLIC MEETINGS SEATTLE COMMUNITY COLLEGES

[Memorandum—September 10, 1992]

The board of trustees of the Seattle Community College District will hold a work session at 4:00 p.m., prior to their next regularly scheduled meeting, at 6:00 p.m. on Tuesday, October 6, 1992, at Seattle Central Community College, 1701 Broadway, Seattle, WA 98122.

The board will also meet for an all-day retreat on Wednesday, October 28, 1992, at the Battelle Institute, 4000 N.E. 41st, Seattle, WA.

### WSR 92-19-081 NOTICE OF PUBLIC MEETINGS PIERCE COLLEGE

[Memorandum-September 11, 1992]

The board of trustees of Community College District Number Eleven (Pierce College) would like to make the following change to an upcoming regular board meeting:

Meeting Date/Location	Time	Change to:
October 14, 1992 Puyallup Campus	12:30	Change the meeting date to October 21, 1992 (Same time and location)

### WSR 92-19-088 NOTICE OF PUBLIC MEETINGS LOTTERY COMMISSION

[Memorandum-September 16, 1992]

### 1993 COMMISSION MEETING SCHEDULE

Type	Date	Location
Regular	January 7	Seattle
Regular	March 5	Olympia
Regular	May 7	Seattle
Regular	July 9	Seattle
Regular	September 10	Spokane
Regular	November 5	Seattle

## WSR 92-19-092 NOTICE OF PUBLIC MEETINGS OFFICE OF MARINE SAFETY

[Memorandum—September 11, 1992]

This notice is to advise you that Strait of Juan de Fuca/Northern Puget Sound Regional Marine Safety Committee meeting scheduled for November 11, 1992, at 1:00 p.m. has been cancelled.

### WSR 92-19-093 NOTICE OF PUBLIC MEETINGS OLYMPIC COLLEGE

[Memorandum-September 14, 1992]

The board of trustees will meet at Olympic College Shelton, Shelton, Washington, on September 22, 1992, at 7:30 p.m. Dinner before the meeting will begin at 6:00 p.m. and will be catered at Olympic College Shelton. This is a change from the published location of the Board Room, Olympic College, Bremerton, Washington.

# WSR 92-19-094 RULES COORDINATOR DEPARTMENT OF GENERAL ADMINISTRATION

[Filed September 16, 1992, 2:15 p.m.]

In accordance with RCW 34.05.310, the Department of General Administration names Steven H. Borchardt as the rules coordinator for the remainder of the 1992 calendar year and for consecutive years as nominated thereafter.

Mr. Borchardt's address is: Steven H. Borchardt, Contract and Rules Administrator, Division of Support Services, P.O. Box 41018, Olympia, WA 98504-1018.

Please address all administrative rule-making inquiries to him.

Louis P. Cooper, Jr., Manager Support Services Division

## WSR 92-19-100 RULES COORDINATOR ATTORNEY GENERAL'S OFFICE

[Filed September 17, 1992, 2:04 p.m.]

The mailing address of the rules coordinator for the Attorney General's Office has been changed. Her name and address should appear as follows: Jane Halligan, Rules Coordinator, Attorney General's Office, 1110 Capitol Way South, Suite 260, P.O. Box 40115, Olympia, WA 98504-0115.

Ken Eikenberry Attorney General

### WSR 92-19-108 DEPARTMENT OF ECOLOGY

[Filed September 18, 1992, 11:07 a.m.]

Ecology is accepting public comment on its report to the legislature, The Toxics Control Accounts Appropriations Recommendations for the 1993-95 Biennium. The report describes upcoming biennium spending proposals for the state and local toxics control accounts, hazardous waste management activities, and cleanup activities concerning the Department of Ecology and related programs in the Departments of Agriculture, Community Development, Health, Marine Safety, Natural Resources, and Revenue.

Miscellaneous [6]

The report may be obtained after October 9, 1992, by phoning 1-800-458-0920. Written comments will be accepted October 9 through November 9 and should be submitted to Pat Holm, Toxics Cleanup Program, Department of Ecology, P.O. Box 47600, Olympia, WA 98504.

#### **PUBLIC HEARINGS**

SEATTLE - October 22 7:00 p.m. Thursday Port of Seattle Commissioner's Chambers Pier 66, Third Floor 2201 Alaskan Way

SPOKANE - October 27 7:00 p.m. Tuesday Spokane Community College Activities Conference Rm 126 Lair Building (#6)

Comment Period: 10/9/92 - 11/9/92

# WSR 92-19-109 RULES COORDINATOR DEPARTMENT OF NATURAL RESOURCES

[Memorandum-September 18, 1992]

In accordance with RCW 34.05.310(3), the rules coordinator for the Forest Practices Board is Judith M. Holter, Natural Resources Program Coordinator, Forest Practices Board, Department of Natural Resources, Forest Practices Division, P.O. Box 47012, Olympia, WA 98504-7012, (206) 902-1400. This supersedes WSR 91-20-135.

Brian Boyle Commissioner of Public Lands Chairman, Forest Practices Board

# WSR 92-19-113 NOTICE OF PUBLIC MEETINGS DEPARTMENT OF NATURAL RESOURCES

[Memorandum-September 11, 1992]

The Board of Natural Resources meeting regularly scheduled for Tuesday, October 6, 1992, has been rescheduled to be held Friday, October 2, 1992, at 9:00 a.m. in the Spokane County Commissioners Assembly Room, Spokane County Courthouse, West 1116 Broadway, Spokane, WA.

### WSR 92-19-114 NOTICE OF PUBLIC MEETINGS MARITIME COMMISSION

[Memorandum-September 17, 1992]

The monthly meeting of the Washington State Maritime Commission originally scheduled for Thursday, October 1, 1992, has been cancelled. The next monthly meeting will be the regularly scheduled meeting of Thursday, November 5, 1992.

WSR 92-19-115 EXECUTIVE ORDER OFFICE OF THE GOVERNOR [EO 92-06]

### ESTABLISHING THE FOOD PROCESSING INDUS-TRY DEVELOPMENT COUNCIL TO FOSTER THE GROWTH AND DEVELOPMENT OF THE WASHINGTON FOOD PROCESSING INDUSTRY

WHEREAS, value-added food processing is an economic pillar of the State of Washington and in 1991 became the state's second largest manufacturing industry — employing 38,000 workers and providing \$873 million in wages, \$6.16 billion in gross business income and \$20.67 million in Business and Occupational Tax; and

WHEREAS, over 80 percent of food products produced and processed in the State of Washington are sold in national and international markets, thereby generating new money for the state; and

WHEREAS, the Washington State Legislature in 1987 (Section 314 of Chapter 7, 1st Extraordinary Session) and 1989 (RCW 43.31.430) requested and received reports from the Department of Trade and Economic Development outlining strategies for retention and development of food processing as one of eight key targeted industry sectors; and

WHEREAS, processing crops, unlike other manufactured components, are usually seasonal and perishable and require expedited handling and an informed regulatory climate to avoid loss due to spoilage, disease or decay; and

WHEREAS, food processing companies of all sizes are heavily impacted by federal, state and local legislative and regulatory actions (sometimes conflicting) which affect the cost and therefore the competitive position of the industry; and

WHEREAS, improving the competitive positions of existing Washington food processing companies is the most certain way to retain and expand the food processing industry; and

WHEREAS, the State of Washington stands to benefit economically and can enhance the quality of life of its residents by expanding the value-added component of agricultural products through implementation of AG-2000 (the long-range strategic plan for the state's agribusiness industry, developed in cooperation with the Washington Department of Agriculture); and this expansion can result in new jobs, increased income, more profitability for businesses and expanded revenue for the state; and

WHEREAS, expansion of the food processing industry, including attracting new firms, will benefit both rural and urban areas and the thousands of individuals, organizations and businesses that supply the state's food processing industry with raw products, labor, supplies, equipment, resources and services;

[7] Miscellaneous

NOW, THEREFORE, I, Booth Gardner, Governor of the State of Washington, by virtue of the authority vested in me, do hereby formally establish the Food Processing Industry Development Council with the purpose of strengthening the food processing industry. In carrying out this purpose, the Council is encouraged to work with the legislature and state agencies to seek ways to accomplish the following:

- Establish a business climate that encourages production of the numerous crop and livestock commodities used as inputs to the food processing industry.
- II. Encourage retention and development of existing food processing firms.
- III. Provide incentives to expand existing businesses, attract new firms and encourage use of new processes.
- IV. Identify impediments to industry growth and generate voluntary actions by the industry that will enhance the quality of life of our state's citizens.
- V. Evaluate the competitive position of Washington's food processing industry, including the impact of current and proposed regulations and taxes, relative to other states and nations, in order to prevent noncompetitive increases in the cost of food production and marketing.
- VI. Avoid laws and regulations that restrict interstate trade and that may be in conflict with federal food safety requirements.
- VII. Monitor the economic performance of the valueadded food processing industry to identify the most promising areas and market for expansion, as well as to provide advance warning of declines in the existing industry.
- VIII. Recognize that unique considerations may be necessary for firms that process seasonal and perishable raw food products.
- IX. Assure the continued availability of land, water and energy to support growth and development of agribusiness in the state.
- X. Encourage the development of the physical and economic infrastructure (including water, waste treatment facilities, transportation, trained labor, technology and education) necessary to support a viable food processing industry.
- XI. Encourage development of new value-added technologies for existing and new agricultural crops, varieties and products.

The Council shall consist of the 30 members of the ad hoc committee appointed by the Governor in 1989 or thereafter, pursuant to AG-2000. Should a vacancy occur on the Council after August 1, 1992, the Governor shall determine whether a replacement is needed and, if so, appoint a replacement to assure a balanced representation of the food processing industry, associate industry trade organizations, local economic development organizations, support industries, research institutions, and state government.

- The membership shall consist of 25 or less members who are managing owners, officers or top management representatives of food processing and related industry sectors as follows:
  - Up to 17 members from direct food processing and/or related production support industries;
  - Up to three (3) members from associated industry trade organizations;
  - Up to three (3) members from related finance, legal, technology, and transportation sectors;
  - Up to two (2) members representing local economic development organizations.
- Five (5) of the members shall represent state agencies and shall be ex-officio, non-voting members. Those agencies are: The Washington State Departments of Agriculture, Trade and Economic Development, Community Development, Ecology, and Labor and Industries.
- Council members shall serve without compensation.
- The Governor shall appoint the chair who will serve a one-year term. The Council shall elect a vice chair who will serve a one-year term.
- Meetings shall be held four times per year or as determined by the chair.
- Staff support shall be collectively provided by Washington State Department of Agriculture (Market Development Division), and Washington State Department of Trade and Economic Development (Targeted Sector Program). Additional staff input will be provided by the Business Assistance Center, IMPACT Center at Washington State University, and other state agencies as needed.
- The council and its responsibilities shall be terminated on June 30, 1995.

This Executive Order shall take effect immediately.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the State of Washington to be affixed at Olympia this 15th day of September, A.D., nineteen hundred and ninety-two.

Boot	h	Gardner
Governor	of	Washington

BY THE GOVERNOR:

Ralph Munro
Secretary of State

Miscellaneous [8]

WSR 92-19-116 EXECUTIVE ORDER OFFICE OF THE GOVERNOR [EO 92-07]

### ESTABLISHING THE OFFICE OF CRIME VICTIMS ADVOCACY

As a result of the Community Protection Act of 1990 and Executive Order 90-03, the Office of Crime Victims Advocacy was established and placed in the Department of Community Development.

Since February, 1990, the Office of Crime Victims Advocacy has advocated for crime victims, administered sexual assault treatment and prevention grants, solicited suggestions on state practices, policies, and priorities that would help communities treat victims of sex offenders, and reviewed the organization of crime victims services in state and local government. The Office has also made recommendations to the Governor and other policy makers on future crime victims' programs and their organizational location. The Executive Order establishing the office terminated on July 1, 1991. There is a continuing need for the services provided by the Office.

NOW, THEREFORE, I, Booth Gardner, Governor of the State of Washington, by virtue of the power vested in me, do hereby order that the Office of Crime Victims' Advocacy in the Department of Community Development continue to exist and continue to carry out its responsibilities as follows:

- A. Administer grant programs for sexual assault treatment and prevention services, as authorized by RCW 43.280;
- Assist communities in planning and implementing services for crime victims;
- C. Advocate on behalf of crime victims in obtaining needed services and resources; and
- D. Advise local and state governments on practices, policies and priorities which impact crime victims.

This Executive Order is effective immediately and shall continue until terminated or superceded.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the Seal of the State of Washington to be affixed at Olympia this 15th day of September, A.D., nineteen hundred and ninety two.

Booth Gardner
Governor of Washington

BY THE GOVERNOR:

Ralph Munro

Secretary of State

**Reviser's note:** The spelling error in the above material occurred in the copy filed by the Office of the Governor and appears in the Register pursuant to the requirements of RCW 34.08.040.

### WSR 92-19-129 NOTICE OF PUBLIC MEETINGS DEPARTMENT OF LABOR AND INDUSTRIES

[Memorandum-September 17, 1992]

Proposed Voluntary Ergonomic Guidelines — Advisory Committee

The Division of Industrial Safety and Health is convening an advisory committee from a cross-section of industries, labor organizations, and other interested parties to help develop voluntary ergonomic guidelines and tools to assist employers and employees with ergonomic evaluations. Nominations for delegates are being solicited. Approximately fifteen people will be chosen as representatives to the advisory committee.

We request that nominations for members reach us no later than Tuesday, October 16, 1992, in order to meet projected timelines. All parties expressing interest will be notified of the names and addresses of the advisory committee members chosen.

The first meeting of the advisory committee is anticipated for early December 1992. Selected advisory committee members will receive an action plan, details regarding the first meeting, and a schedule of proposed meeting dates by November 5, 1992.

If you have any questions or require any additional information, please contact Dave Sebesta, Ergonomist, at (206) 956-5645, FAX (206) 956-5672.

### WSR 92-19-139 NOTICE OF PUBLIC MEETINGS TRANSPORTATION COMMISSION

[Memorandum—September 21, 1992]

The October 1992 Washington State Transportation Commission meeting will be held on Thursday, October 22, 1992, in the Transportation Commission Room (1D2), Transportation Building, Olympia, Washington. There will be subcommittee meetings on Wednesday, October 21.

The November 1992 Washington State Transportation Commission meeting will be held on Thursday, November 19, 1992, in the Transportation Commission Room (1D2), Transportation Building, Olympia, Washington. There will be subcommittee meetings on Wednesday, November 18.

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### **KEY TO TABLE**

This table covers the current calendar year through this issue of the Register and should be used to locate rules amended, adopted, or repealed subsequent to the publication date of the latest WAC or Supplement.

#### Symbols:

AMD = Amendment of existing section

A/R = Amending and recodifying a section

DECOD = Decodification of an existing section

NEW = New section not previously codified

OBJEC = Notice of objection by Joint Administrative

Rules Review Committee
PREP = Preproposal comments

RE-AD = Readoption of existing section

RECOD = Recodification of previously codified

section

REP = Repeal of existing section

RESCIND = Rescind previous emergency rule

REVIEW = Review of previously adopted rule

#### Suffixes:

- -P = Proposed action
- -C = Continuance of previous proposal
- -E = Emergency action
- -S = Supplemental notice
- -W = Withdrawal of proposed action

No suffix means permanent action

WAC # shows the section number under which an agency rule is or will be codified in the Washington Administrative Code.

WSR # shows the issue of the Washington State Register where the document may be found; the last three digits identify the document within the issue.

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16-230-813	RESCIND	92-08-026	16-230-865	REP-E	92-08-027	16-231-315	AMD-E	92-08-028
16-230-813	NEW-E	92-08-027	16-230-865	REP	92-13-035	16-231-910	AMD-E	92-08-028
16-230-813	NEW	92-13-035	16-230-866	NEW-P	92-03-134	16-231-912	AMD-E	92-08-028
16-230-825	AMD-P	92-03-134	16-230-866	NEW-S	92-07-059	16-232-010	AMD-E	92-08-028
16-230-825	AMD-S	92-07-059	16-230-866	NEW-E	92-07-060	16-232-015	AMD-E	92-08-028
16-230-825	AMD-E	92-07-060	16-230-866	RESCIND	92-08-026	16-232-020	AMD-E	92-08-028
16-230-825	RESCIND	92-08-026	16-230-866	NEW-E	92-08-027	16-232-027	AMD-E	92-08-028
16-230-825	AMD-E	92-08-027	16-230-866	NEW	92-13-035	16-304-110	AMD-P	92-09-150
16-230-825	AMD	92-13-035	16-230-867	NEW-P	92-03-134	16-304-110	AMD	92-13-027
16-230-835	AMD-P	92-03-134	16-230-867	NEW-W	92-16-079	16-304-130	AMD-P	92-09-150
16-230-835	AMD-S	92-07-059	16-230-868	NEW-P	92-03-134	16-304-130	AMD	92-13-027
16-230-835	AMD-E	92-07-060	16-230-868	NEW-S	92-07-059	16-316-235 16-316-235	AMD-P AMD	92-09-150 92-13-027
16-230-835	RESCIND	92-08-026	16-230-868	NEW-E	92-07-060 92-08 <b>-</b> 026	16-316-233	AMD-P	92-13-027
16-230-835	AMD-E	92-08-027	16-230-868 16-230-868	RESCIND NEW-E	92-08-026	16-316-240	AMD-F AMD	92-03-130
16-230-835	AMD	92-13-035 92-03-134	16-230-868	NEW-E	92-08-027	16-316-245	AMD-P	92-13-027
16-230-840 16-230-840	AMD-P AMD-S	92-03-134	16-230-808	NEW-P	92-03-134	16-316-245	AMD-I	92-13-027
	AMD-S	92-07-060	16-230-870	NEW-S	92-03-134	16-316-250	AMD-P	92-09-150
16-230-840 16-230-840	RESCIND	92-08-026	16-230-870	NEW-E	92-07-060	16-316-250	AMD	92-13-027
16-230-840	AMD-E	92-08-020	16-230-870	RESCIND	92-08-026	16-316-266	NEW-E	92-06-048
16-230-840	AMD-L AMD	92-13-035	16-230-870	NEW-E	92-08-027	16-316-266	NEW-P	92-09-075
16-230-845	AMD-P	92-03-134	16-230-870	NEW	92-13-035	16-316-266	NEW	92-12-025
16-230-845	AMD-S	92-07-059	16-231	REP-C	92-07-005	16-316-270	AMD-E	92-06-048
16-230-845	AMD-E	92-07-060	16-231-001	REP-P	92-03-134	16-316-270	AMD-P	92-09-075
16-230-845	RESCIND	92-08-026	16-231-001	REP-S	92-07-059	16-316-270	AMD	92-12-025
16-230-845	AMD-E	92-08-027	16-231-001	REP-E	92-07-060	16-316-280	AMD-E	92-06-048
16-230-845	AMD	92-13-035	16-231-001	RESCIND	92-08-026	16-316-280	AMD-P	92-09-075
16-230-850	AMD-P	92-03-134	16-231-001	REP-E	92-08-027	16-316-280	AMD	92-12-025
16-230-850	AMD-S	92-07-059	16-231-001	REP	92-13-035	16-316-285	AMD-E	92-06-048
16-230-850	AMD-E	92-07-060	16-231-005	REP-P .	92-03-134	16-316-285	AMD-P	92-09-075
16-230-850	RESCIND	92-08-026	16-231-005	REP-S	92-07-059	16-316-285	AMD	92-12-025
16-230-850	AMD-E	92-08-027	16-231-005	REP-E	92-07-060	16-316-290	AMD-E	92-06-048
16-230-850	AMD	92-13-035	16-231-005	RESCIND	92-08-026	16-316-290	AMD-P	92-09-075
16-230-855	AMD-P	92-03-134	16-231-005	REP-E	92-08-027	16-316-290	AMD	92-12-025
16-230-855	AMD-S	92-07-059	16-231-005	REP	92-13-035	16-316-315	AMD-P	92-09-150
16-230-855	AMD-E	92-07-060	16-231-010	REP-P	92-03-134	16-316-315	AMD	92-13-027
16-230-855	RESCIND	92-08-026	16-231-010	REP-S	92-07-059	16-316-327	AMD-P	92-09-150
16-230-855	AMD-E	92-08-027	16-231-010	REP-E	92-07-060	16-316-327	AMD	92-13-027
16-230-855	AMD	92-13-035	16-231-010	RESCIND	92-08-026	16-316-340	AMD-P	92-09-150
16-230-860	AMD-P	92-03-134	16-231-010	REP-E	92-08-027	16-316-340	AMD	92-13-027
16-230-860	AMD-S	92-07-059	16-231-010	REP	92-13-035	16-316-350	AMD-P	92-09-150
16-230-860	AMD-E	92-07-060	16-231-015	REP-P	92-03-134	16-316-350	AMD	92-13-027
16-230-860	RESCIND	92-08-026	16-231-015	REP-S	92-07-059	16-316-355	AMD-P	92-09-150
16-230-860	AMD-E	92-08-027	16-231-015	REP-E	92-07-060	16-316-355	AMD	92-13-027
16-230-860	AMD	92-13-035	16-231-015	RESCIND	92-08-026	16-316-360	AMD-P	92-09-150
16-230-861	AMD-P	92-03-134	16-231-015	REP-E	92-08-027	16-316-360	AMD B	92-13-027
16-230-861	AMD-S	92-07-059	16-231-015	REP	92-13-035	16-316-370	AMD-P	92-09-150
16-230-861	AMD-E	92-07-060	16-231-020	REP-P	92-03-134	16-316-370	AMD B	92-13-027
16-230-861	RESCIND	92-08-026	16-231-020 16-231-020	REP-S REP-E	92-07-059 92-07-060	16-316-470 16-316-470	AMD-P AMD	92-09-150
	AMD-E	92-08-027	1 16-741-1570	K P.P-P.	97-11/-080	1 10-110-470	AWL	92-13-027
16-230-861 16-230-861	AMD-L AMD	92-13-035	16-231-020	RESCIND	92-08-026	16-316-474	AMD-P	92-09-150

Table [2]

WAC #		WSR #	WAC#		WSR #	WAC#		WSR #
16 216 474								
16-316-474	AMD	92-13-027	16-436-140	AMD	92-11-076	16-494-046	AMD-P	92-09-075
16-316-525 16-316-525	AMD-P	92-09-150	16-436-150	AMD-P	92-08-106	16-494-046	AMD	92-12-025
16-316-523	AMD AMD-P	92-13-027 92-09-150	16-436-150 16-436-166	AMD	92-11-076	16-494-064	AMD-E	92-06-050
16-316-622	AMD-F	92-13-027	16-436-166	NEW-P NEW	92-08-106 92-11-076	16-494-064	AMD-P	92-09-075
16-316-715	AMD-P	92-09-150	16-436-170	REP-P	92-08-106	16-494-064	AMD	92-12-025
16-316-715	AMD	92-13-027	16-436-170	REP	92-11-076	16-494-100 16-494-100	NEW-E NEW-P	92-06-049
16-316-717	AMD-P	92-09-150	16-436-185	AMD-P	92-08-106	16-494-100	NEW-P	92-09-075 92-12-025
16-316-717	AMD	92-13-027	16-436-185	AMD	92-11-076	16-494-110	NEW-E	92-12-023
16-316-719	AMD-P	92-09-150	16-436-186	NEW-P	92-08-106	16-494-110	NEW-P	92-09-075
16-316-719	AMD	92-13-027	16-436-186	NEW	92-11-076	16-494-110	NEW	92-12-025
16-316-727	AMD-P	92-09-150	16-436-187	NEW-P	92-08-106	16-494-120	NEW-E	92-06-049
16-316-727	AMD	92-13-027	16-436-187	NEW	92-11-076	16-494-120	NEW-P	92-09-075
16-316-800	AMD-P	92-09-150	16-436-190	AMD-P	92-08-106	16-494-120	NEW	92-12-025
16-316-800	AMD	92-13-027	16-436-190	AMD	92-11-076	16-494-130	NEW-E	92-06-049
16-316-810	AMD-P	92-09-150	16-436-200	AMD-P	92-08-106	16-494-130	NEW-P	92-09-075
16-316-810 16-316-815	AMD	92-13-027	16-436-200	AMD	92-11-076	16-494-130	NEW	92-12-025
16-316-815	AMD-P AMD	92-09-150 92-13-027	16-436-210 16-436-210	AMD-P	92-08-106	16-494-140	NEW-E	92-06-049
16-316-820	AMD-P	92-09-150	16-436-220	AMD AMD-P	92-11-076	16-494-140	NEW-P	92-09-075
16-316-820	AMD	92-13-027	16-436-220	AMD-P	92-08-106 92-11-076	16-494-140	NEW	92-12-025
16-316-830	AMD-P	92-09-150	16-436-225	NEW-P	92-08-106	16-494-150 16-494-150	NEW-E	92-06-049
16-316-830	AMD	92-13-027	16-436-225	NEW	92-11-076	16-494-150	NEW-P	92-09-075
16-316-832	AMD-P	92-09-150	16-461	AMD	92-06-085	16-494-160	NEW NEW-E	92-12-025 92-06-049
16-316-832	AMD	92-13-027	16-461-006	NEW	92-06-085	16-494-160	NEW-E	92-09-075
16-316-833	AMD-P	92-09-150	16-461-006	AMD-E	92-13-064	16-494-160	NEW	92-12-025
16-316-833	AMD	92-13-027	16-461-006	AMD-P	92-15-117	16-494-170	NEW-E	92-06-049
16-316-980	AMD-P	92-09-150	16-461-006	AMD	92-18-103	16-494-170	NEW-P	92-09-075
16-316-980	AMD	92-13-027	16-461-010	AMD	92-06-085	16-494-170	NEW	92-12-025
16-316- <del>99</del> 5	AMD-P	92-09-150	16-461-010	AMD-E	92-13-064	16-495-004	AMD-P	92-09-150
16-316-995	AMD	92-13-027	16-461-010	AMD-P	92-15-117	16-495-004	AMD	92-13-027
16-316-997	AMD-P	92-09-150	16-461-010	AMD	92-18-103	16-495-010	AMD-P	92-09-150
16-316-997	AMD	92-13-027	16-469-010	REP-P	92-09-074	16-495-010	AMD	92-13-027
16-324-360	AMD-P	92-18-104	16-469-010	REP	92-13-050	16-495-050	AMD-P	92-09-150
16-324-390 16-324-400	AMD-P AMD-P	92-18-104	16-469-020	REP-P	92-09-074	16-495-050	AMD	92-13-027
16-324-400 16-324-410	AMD-P	92-18-104 92-18-104	16-469-020 16-469-030	REP	92-13-050	16-495-110	AMD-P	92-09-150
16-324-420	- AMD-P	92-18-104	16-469-030	REP-P REP	92-09-074 92-13-050	16-495-110	AMD	92-13-027
16-324-610	AMD-P	92-18-104	16-469-040	REP-P	92-13-030	16-520-040 16-532-010	AMD-P	92-15-107
16-324-630	AMD-P	92-18-104	16-469-040	REP	92-13-050	16-532-010	AMD-P AMD	92-06-071 92-09-068
16-324-700	NEW-P	92-18-104	16-469-050	REP-P	92-09-074	16-532-020	AMD-P	92-06-071
16-324-710	NEW-P	92-18-104	16-469-050	REP	92-13-050	16-532-020	AMD	92-09-068
16-324-720	NEW-P	92-18-104	16-469-060	REP-P	92-09-074	16-532-030	AMD-P	92-06-071
16-324-730	NEW-P	92-18-104	16-469-060	REP	92-13-050	16-532-030	AMD	92-09-068
16-324-740	NEW-P	92-18-104	16-470-500	REP	92-06-024	16-532-065	NEW-P	92-06-071
16-324-750	NEW-P	92-18-104	16-470-510	REP	92-06-024	16-532-065	NEW	92-09-068
16-328-010	AMD-P	92-12-056	16-470-520	REP	92-06-024	16-532-110	AMD-P	92-06-071
16-328-010	AMD	92-15-114	16-470-530	REP	92-06-024	16-532-110	AMD	92-09-068
16-333-040 16-333-040	AMD-P	92-12-056	16-470-600	REP	92-06-023	16-555-020	AMD-P	92-05-071
16-333-040	AMD AMD-E	92-15-114 92-04-032	16-470-605 16-470-610	REP	92-06-023	16-555-020	AMD-E	92-12-004
16-400-210	AMD-E	92-04-032	16-470-615	REP REP	92-06-023 92-06-023	16-555-020	AMD	92-12-006
16-401-040	AMD-P	92-10-040	16-470-620	REP	92-06-023	16-555-040 16-555-040	AMD-P	92-05-071
16-401-040	AMD	92-13-034	16-470-625	REP	92-06-023	16-555-040	AMD-E AMD	92-12-004 92-12-006
16-403-143	NEW-P	92-11-074	16-470-630	REP	92-06-023	16-561-020	AMD-P	92-12-006
16-403-143	NEW	92-15-056	16-470-635	REP	92-06-023	16-561-020	AMD	92-12-003
16-403-160	AMD-P	92-11-074	16-470-900	NEW-P	92-03-104	16-570-030	AMD-P	92-08-055
16-403-160	AMD	92-15-056	16-470-900	NEW	92-07-023	16-570-030	AMD	92-11-013
16-403-190	AMD-P	92-11-074	16-470-905	NEW-P	92-03-104	16-580	NEW-C	92-17-042
16-403-190	AMD	92-15-056	16-470-905	NEW	92-07-023	16-580-010	NEW-P	92-14-117
16-403-200	AMD-P	92-11-074	16-470-910	NEW-P	92-03-104	16-580-020	NEW-P	92-14-117
16-403-200	AMD	92-15-056	16-470-910	NEW	92-07-023	16-580-030	NEW-P	92-14-117
16-403-220	AMD-P	92-11-074	16-470-915	NEW-P	92-03-104	16-580-040	NEW-P	92-14-117
16-403-220	AMD	92-15-056	16-470-915	NEW	92-07-023	16-580-041	NEW-P	92-14-117
16-403-240	AMD-P	92-11-074	16-470-920	NEW-P	92-03-104	16-580-050	NEW-P	92-14-117
16-403-240 16-436-100	AMD AMD-P	92-15-056 92-08-106	16-470-920	NEW AMD F	92-07-023	16-580-060	NEW-P	92-14-117
16-436-100 16-436-100	AMD-P AMD	92-08-106 92-11-076	16-494-010 16-494-010	AMD-E	92-06-050	16-580-070	NEW-P	92-14-117
16-436-110	AMD-P	92-08-106	16-494-010	AMD-P AMD	92-09-075	16-580-080	NEW-P	92-14-117
16-436-110	AMD-F	92-11-076	16-494-013	AMD-E	92-12-025 92-06-050	16-604-009 16-604-010	AMD-P	92-18-061
16-436-130	REP-P	92-08-106	16-494-013	AMD-E	92-06-030 92-09-075	16-604-015	AMD NEW	92-06-013
16-436-130	REP	92-11-076	16-494-013	AMD	92-12-025	16-604-020	AMD-P	92-06-013 92-18-061
16-436-140	AMD-P	92-08-106	16-494-046	AMD-E	92-06-050	16-604-025	AMD-P	92-18-061
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WAC #		WSR #	WAC #		WSR #	WAC#		WSR #
6-622-050	AMD-P	92-03-069	50-30-030	NEW	92-02-105	51-11-2006	NEW-P	92-19-1
6-622-050	AMD-E	92-03-070	50-30-040	NEW	92-02-105	51-11-2007	NEW-P	92-19-1
6-622-050	AMD	92-07-030	50-30-050	NEW	92-02-105	51-11-2008	NEW-P	92-19-1
6-622-060	NEW-P	92-03-069	50-30-060	NEW	92-02-105	51-11-2009	NEW-P	92-19-1
6-622-060	NEW-E	92-03-070	50-30-070	NEW	92-02-105	51-13-101	AMD-P	92-16-1
6-622-060	NEW	92-07-030	50-30-080	NEW	92-02-105	51-13-202	AMD-P	92-16-1
6-674-002	REP-E	92-14-122	50-30-090	NEW	92-02-105	51-13-300	AMD-P	92-16-1
6-674-002	REP-P	92-14-123	50-30-100	NEW	92-02-105	51-13-302	AMD-P	92-16-1
6-674-010	AMD-E	92-14-122	50-30-110	NEW	92-02-105	51-13-303	AMD-P	92-16-1
6-674-010	AMD-P	92-14-123	50-30-110	AMD-E	92-14-062	51-13-304	AMD-P	92-16-1
6-674-020	AMD-E	92-14-122	50-30-110	AMD-P	92-14-109	51-13-401	AMD-P	92-16-1
6-674-020	AMD-P	92-14-123	50-30-110	AMD	92-17-025	51-13-402	AMD-P	92-16-1
6-674-030	AMD-E	92-14-122	51-04-015	AMD-P	92-16-105	51-13-502	AMD-E	92-14-0
6-674-030	AMD-P	92-14-123	51-04-018	AMD-P	92-16-105	51-13-502	AMD-P	92-16-1
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6-674-055	NEW-E	92-14-122	51-11-0101	AMD-P	92-19-143	51-20-0504	NEW-W	92-09-1
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6-674-060	NEW-E	92-14-122	51-11-0502	AMD-P	92-19-143	51-20-0554	NEW-W	92-09-1
6-674-060	NEW-P	92-14-123	51-11-0503	AMD-P	92-19-143	51-20-0555	NEW-W	92-09-1
6-674-070	NEW-E	92-14-122	51-11-0505	AMD-P	92-19-143	51-20-0610	NEW-W	92-09-1
6-674-070	NEW-P	92-14-123	51-11-0528	AMD-P	92-19-143	51-20-1216	NEW-W	<b>92-09</b> -1
6-674-080	NEW-E	92-14-122	51-11-0529	AMD-P	92-19-143	51-20-1251	NEW-W	92-09-1
6-674-080	NEW-P	92-14-123	51-11-0531	AMD-P	92-19-143	51-20-3102	AMD-P	92-16-1
6-752-500	NEW-P	92-03-105	51-11-0532	AMD-P	92-19-143	51-20-3103	AMD-P	92-16-1
6-752-500	NEW	92-07-024	51-11-0538	AMD-P	92-19-143	51-20-3104	AMD-P	92-16-1
6-752-505	NEW-P	92-03-105	51-11-0539	AMD-P	92-19-143	51-20-3105	AMD-P	92-16-1
6-752-505	NEW	92-07-024	51-11-0540	AMD-P	92-19-143	51-20-3106	AMD-P	92-16-1
6-752-507	NEW	92-07-024	51-11-0542	AMD-P	92-19-143	51-20-3107	AMD-P	92-16-1
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	NEW	92-07-025	51-11-1105	NEW-P	92-19-143	51-20-91200	NEW-W	92-09-
6-752-605 6-752-610	NEW-P	92-03-106	51-11-1106	NEW-P	92-19-143	51-20-91223	NEW-W	92-09-
	NEW-F	92-07-025	51-11-1107	NEW-P	92-19-143	51-20-91224	NEW-W	92-09-
6-752-610	NEW-P	92-03-106	51-11-1108	NEW-P	92-19-143	51-20-91225	NEW-W	92-09-
6-752-620		92-03-106	51-11-1109	NEW-P	92-19-143	51-20-91226	NEW-W	92-09-
6-752-620	NEW			NEW-P	92-19-143	51-20-91227	NEW-W	92-09-
6-752-630	NEW-P	92-03-106	51-11-1201 51-11-1301		92-19-143	51-20-91228	NEW-W	92 <b>-</b> 09-
6-752-630	NEW	92-07-025		NEW-P NEW-P	92-19-143	51-20-91229	NEW-W	92-09-
6-752-640	NEW-P	92-03-106	51-11-1302 51-11-1303	NEW-P	92-19-143	51-20-91230	NEW-W	92-09-
6-752-640	NEW	92-07-025	51-11-1303	NEW-P	92-19-143	51-20-91231	NEW-W	92-09-
6-752-650	NEW-P	92-03-106				51-20-91232	NEW-W	
6-752-650	NEW D	92-07-025 92-03-106	51-11-1402 51-11-1501	NEW-P NEW-P	92-19-143 92-19-143	51-20-91232	NEW-W	92-09- 92-09-
6-752-660	NEW-P	92-03-106 92-07-025	51-11-1501	NEW-P NEW-P	92-19-143 92-19-143	51-20-91233	NEW-W	92-09- 92-09-
6-752-660	NEW							
4-10-010	AMD	92-11-037	51-11-1503	NEW-P	92-19-143	51-20-93119	AMD-P	92-16-
4-10-020	NEW-W	92-11-036	51-11-1504	NEW-P	92-19-143	51-20-93120	AMD-P	92-16-
4-10-060	AMD	92-11-037	51-11-1505	NEW-P	92-19-143	51-20-93121	NEW-W	92-05-
4-10-205	NEW-W	92-11-036	51-11-1601	NEW-P	92-19-143	51-24-78000	NEW-P	92-16-
0-12-116	AMD	92-04-027	51-11-1602	NEW-P	92-19-143	51-24-78201	NEW-P	92-16-
0-14-020	NEW	92-06-041	51-11-1603	NEW-P	92-19-143	51-24-79809	NEW-P	92-09-
0-14-030	NEW	92-06-041	51-11-1604	NEW-P	92-19-143	51-24-79809	NEW-W	92-16-
0-14-040	NEW	92-06-041	51-11-1605	NEW-P	92-19-143	51-24-79809	NEW-P	92-16-
0-14-050	NEW	92-06-041	51-11-1606	NEW-P	92-19-143	51-24-79901	NEW-P	92-09-
0-14-060	NEW	92-06-041	51-11-1607	NEW-P	92-19-143	51-24-79901	NEW-W	92-16-
50-14-070	NEW	92-06-041	51-11-1608	NEW-P	92-19-143	51-24-79901	NEW-P	92-16-
50-14-080	NEW	92-06-041	51-11-1701	NEW-P	92-19-143	51-24-99300	NEW-W	92-05-
50-14-090	NEW	92-06-041	51-11-1801	NEW-P	92-19-143	51-24-99350	NEW-W	92-05-
50-14-100	NEW	92-06-041	51-11-1901	NEW-P	92-19-143	51-24-99351	NEW-W	92-05-
50-14-110	NEW	92-06-041	51-11-1902	NEW-P	92-19-143	51-24-99352	NEW-W	92-05-
50-14-120	NEW	92-06-041	51-11-2000	NEW-P	92-19-143	51-26-1801	AMD-P	92-16-
	NEW	92-06-041	51-11-2001	NEW-P	92-19-143	51-26-1802	AMD-P	92-16-
00-14-130	NEW	92-06-041	51-11-2002	NEW-P	92-19-143	51-26-1803	AMD-P	92-16-
	MEM							
50-14-140			51-11-2003	NEW-P	92-19-143	51-26-1804	AMD-P	92-16-0
50-14-130 50-14-140 50-14-150 50-30-010	NEW-W NEW	92-14-110 92-02-105		NEW-P NEW-P	92-19-143 92-19-143	51-26-1804 51-26-1805	AMD-P REP-P	92-16-0 92-16-0

Table [4]

S1-26   S1-20   NEW_P   92.16-051   313.4-6-070   NEW_E   92.19-005   1324-105-150   REP_P   92.09-057   S1-26-1840   NEW_P   92.16-051   313.4-6-080   NEW_E   92.19-005   1324-105-150   REP_P   92.09-057   S1-26-1840   NEW_P   92.16-051   313.4-6-080   NEW_E   92.19-005   1324-105-150   REP_P   92.09-057   S1-26-1840   NEW_P   92.16-051   313.4-6-080   NEW_E   92.19-005   1324-105-160   REP_P   92.09-057   S1-26-101   AMD_P   92.09-157   313.4-6-080   NEW_E   92.19-005   1324-105-160   REP_P   92.09-057   S1-26-100   AMD_P   92.09-157   313.4-6-080   NEW_E   92.19-005   1324-105-160   REP_P   92.09-057   S1-26-100   AMD_P   92.4-087   131.4-6-100   NEW_E   92.19-005   1324-105-160   REP_P   92.09-057   S1-26-100   AMD_P   92.4-087   131.4-6-100   NEW_E   92.19-005   1324-105-170   REP_P   92.09-057   S1-26-100   AMD_P   92.4-087   131.4-6-100   NEW_E   92.19-005   1324-105-170   REP_P   92.09-057   S1-26-100   AMD_P   92.4-087   131.4-6-10   NEW_E   92.19-005   1324-105-170   REP_P   92.09-057   S1-26-100   AMD_P   92.4-087   131.4-6-10   NEW_E   92.19-005   1324-105-170   REP_P   92.09-057   S1-26-100   AMD_P   92.4-087   1328-108-100   NEW_E   92.19-005   1324-105-170   NEW_P   92.09-057   S1-26-100   AMD_P   92.4-087   1328-108-100   NEW_P   92.09-057   S1-26-100   AMD_P   92.4-087   1328-108-100   NEW_P   92.09-057   S1-26-100   AMD_P   92.4-087   1328-108-100   NEW_P   92.09-057   NEW_P   92.09-057   S1-26-100   AMD_P   92.4-087   1328-108-100   NEW_P   92.09-057   NEW_P	WAC #		WSR #	WAC #	==	WSR #	WAC #		WSR #
51-26-1830 NEW-P 92-16-051 131-46-080 NEW-E 92-19-055 132E-105-150 REP-P 92-09-057 131-26-1836 NEW-P 92-16-051 131-46-080 NEW-E 92-19-055 132E-105-150 REP-E 92-07-071 131-46-080 NEW-E 92-19-055 132E-105-150 REP-E 92-07-071 131-46-080 NEW-E 92-19-055 132E-105-150 REP-E 92-07-071 131-46-080 NEW-E 92-19-055 132E-105-160 REP-E 92-07-071 131-46-160 NEW-E 92-19-055 132E-105-160 REP-E 92-07-071 131-46-160 NEW-E 92-19-055 132E-105-160 REP-E 92-07-071 131-46-160 NEW-E 92-19-055 132E-105-160 REP-E 92-07-071 NEW-E 92-19-055 132E-105-170 REP-E 92-19-055 NEW-E 92-19-	51-26-1820	NEW-P	92-16-051	131-46-070	NEW-E	92-19-005	132H-105-150	REP-E	92-07-071
53-2-1845   NEW.P   92-16-051   131-46-090   NEW.E   92-19-005   1321-105-160   REP.E   92-20-057   155-01-010   AMD.P   92-14-088   131-46-090   NEW.E   92-19-005   1321-105-160   REP.E   92-20-057   155-01-020   AMD.P   92-14-077   131-46-101   NEW.E   92-19-005   1321-105-100   REP.E   92-19-005   RE		NEW-P			NEW-E	92-19-005	132H-105-150	REP-P	
55-01-010									
55-01-000   AMD   92-14-088   131-46-095   NEW-E   92-19-005   1321-105-107   REP-   92-07-071   35-01-020   AMD-E   92-14-087   131-46-105   NEW-E   92-19-005   1321-105-170   REP-   92-07-071   35-01-020   AMD-E   92-14-087   131-46-105   NEW-E   92-19-005   1321-105-170   REP-   92-07-071   35-01-020   AMD-E   92-14-087   131-46-105   NEW-E   92-19-005   1321-105-170   REP-   92-07-071   35-01-020   AMD-E   92-14-087   131-46-102   NEW-E   92-19-005   1321-105-170   REP-   92-07-071   35-01-020   AMD-E   92-14-088   131-46-102   NEW-E   92-19-005   1321-106-100   NEW-E   92-07-071   35-01-020   AMD-E   92-14-087   1321-104   NEW-E   92-07-071   321-104   NEW   92-07-071								REP-E	
1550 020   AMDLP   92-91-687   131-46-100   NEW-E   92-19-005   132H-105-170   REPLP   92-09-057   132H-105-170   REPLP									
55-01-070   AMDLE   921-4087   131-46-10   NEW-E   921-9005   1321-105-170   REP-P   921-9035									
131-46-100   AMDL   92-09-157   131-46-115   NEW-E   92-19-005   1328-116-06-010   NEW-P   92-09-057   131-46-105   NEW-E   92-19-005   1328-106-010   NEW-P   92-09-057   1328-106-050   NEW-P   92-09-057   1328-106-050   NEW-P   92-09-057   1328-106-050   NEW					NEW-E		132H-105-170	REP-P	
131-46-1020   AMD   92-14-088   131-46-120   NEW   20-20-064   1321-16-100   NEW   92-30-037   1321-10-100   NEW   92-30-037   1321-10-10-100   NEW   92-30-037   1321-10-10-10-100   NEW   92-30-037   1321-10-10-100   NEW   92-30-037   1321-10-10-100   NEW   92-30-037   1321-10-10-100   NEW   92-30-037   1321-10-10-10-10   NEW   92-30-037   1321-10-10-10   NEW   92-30-037   1321-10-10-10									
55-01-050   AMD-P   92-09-157   1328-104-101   NEW   2-06-043   1328-110-010   NEW   2-11-057   155-01-050   AMD   92-14-067   1328-108-101   NEW   2-06-043   1328-110-020   NEW   92-09-045   1328-108-101   NEW   92-09-041   1328-106-020   NEW   92-09-045   1328-106-020   NEW   92-10-024   1328-106-020   NEW   92-09-045   1328-106-020   NEW   92-10-024   1328-106-020   NEW   92-09-045   1328-106-020   NEW   92-10-024   1328-106-020   NEW   92-09-045   1328-106-020   NEW   92-09-020   NEW   92-09-0									
55-01-050   AMD   2-14-067   1328-104-010   NEW   2-08-043   1328-106-020   NEW   2-09-047   S5-01-060   AMD   2-14-087   1328-108-010   NEW   2-09-041   1328-106-020   NEW   2-13-093   S5-01-060   AMD   2-14-087   1328-108-020   NEW   2-09-041   1328-106-020   NEW   2-13-093   S5-01-060   AMD   2-14-087   S5-01-060   AMD   2-10-024   1328-108-050   NEW   2-09-041   1328-106-030   NEW   2-09-041   S5-01-060   NEW   2-09-040				132B-104					
55-01-050 AMD 92-14-067 1328-108-100 NEW 2-09-041 1328-106-020 NEW 92-09-043 1328-106-020 NEW 92-15-093 55-01-056 AMD 2-92-14-067 1328-108-020 NEW 92-09-041 1328-106-030 NEW 92-11-093 NEW 92-11-093 NEW 92-11-093 NEW 92-11-093 NEW 92-11-093 NEW 92-09-041 1328-106-030 NEW 92-11-093 NEW 92-11-093 NEW 92-09-041 1328-106-030 NEW 92-09-041 1328-106-				132B-104-010	NEW	92-08-043		NEW-E	
55-01-060 AMD-E 92-14-087 132B-180-020 NEW 92-09-041 132B-110-0600 NEW-E 92-09-057 67:25-446 AMD-P 92-06-036 132B-180-030 NEW 92-09-041 132B-110-030 NEW 92-09-047 132B-180-040 NEW 92-09-041 132B-110-030 NEW 92-09-047 132B-180-040 NEW 92-09-041 132B-110-040 NEW-E 92-07-071 132B-180-050 NEW 92-09-041 132B-110-040 NEW-E 92-07-071 132B-180-010 NEW-C 92-07-055 132B-110-040 NEW-E 92-07-071 132B-130-010 NEW-C 92-07-055 132B-110-040 NEW-E 92-07-071 132B-130-010 NEW-C 92-07-055 132B-110-040 NEW-E 92-07-071 132B-131-010 NEW-C 92-07-055 132B-10-040 NEW-E 92-07-071 132B-131-010 NEW-C 92-07-055 132B-10-040 NEW-E 92-07-071 132B-131-010 NEW-P 92-08-044 132B-131-010 NEW 92-08-044 132B-131-010 NEW 92-08-044 132B-131-06-060 NEW-E 92-07-075 132B-10-06-060 NEW-E 92-07-075 132B-132-010 NEW 92-08-044 132B-131-010 NEW 92-08-044 132B-131-010 NEW 92-08-044 132B-131-010 NEW 92-08-044 132B-131-010 NEW 92-08-044 132B-131-03 NEW-C 92-07-055 132B-112-03 REP-E 92-07-074 NEW-P 92-08-056 132B-133-010 NEW 92-08-044 132B-131-03 REP-E 92-09-058 132B-133-010 NEW 92-08-044 132B-131-03 REP-E 92-09-058 NEW-P 92-08-056 132B-133-010 NEW 92-08-044 132B-112-006 REP-E 92-09-058 NEW-P 92-08-056 132B-133-010 NEW 92-08-044 132B-112-008 REP-E 92-09-058 NEW-P 92-08-056 132B-133-010 NEW 92-08-044 132B-112-008 REP-E 92-09-058 NEW-P 92-08-058 NEW-P 92-08-05						92-07-063		NEW-P	
55-01-060 AMD 92-14-097 132B-180-080 NEW 92-09-041 132B-110-06 NEW 92-09-041 132B-110-040 NEW 92-09-040 NEW 92-					NEW				
6725-446 AMD-P 92-06-036 132B-108-040 NEW 92-09-041 132H-106-030 NEW 92-13-093 C725-046 AMD-P 92-07-071 132B-108-080 NEW 92-09-041 132H-106-040 NEW-P 92-07-071 132B-108-080 NEW 92-09-041 132H-106-040 NEW-P 92-09-047 132B-108-080 NEW 92-09-041 132H-106-040 NEW-P 92-09-047 132B-108-080 NEW 92-09-041 132H-106-040 NEW-P 92-09-047 132B-108-080 NEW 92-09-041 132H-106-050 NEW-P 92-09-047 132B-108-080 NEW-P 92-09-041 132H-106-050 NEW-P 92-09-047 132B-108-040 NEW-P 92-09-041 132H-106-050 NEW-P 92-09-057 132B-108-050 NEW-P 92-09-057 132B-138-050 NEW-P 92-09-058 NEW-P 92-					NEW				
6725-446 AMD 92-09-090 1328-186-805 NEW 92-09-041 1328-166-040 NEW.E 92-07-071 1328-186-805 NEW 92-09-041 1328-166-040 NEW.E 92-09-057 67:35-303 AMD 92-10-024 1328-186-807 NEW 92-09-041 1328-166-040 NEW. 92-13-093 1328-13-010 NEW. 92-08-044 1328-132-010 NEW. 92-08-043 1328-112-03 REP.F 92-09-055 1328-112-03 REP.F 92-09-058 1328-132-010 NEW. 92-08-043 1328-112-03 REP.F 92-13-094 NEW. 92-08-043 1328-112-006 REP.F 92-08-058 1328-112-006 REP.F 92-08-058 1328-112-006 REP.F 92-08-058 1328-112-096 REP.F 92-08-058 1328-11								NEW	
67:35-900 AMD 92:0-024								NEW-E	92-07-071
67-35-060 AMD 92-00-021 132B-106-080 NEW 92-09-041 132B-106-050 NEW-9 92-09-057 67-35-070 AMD-P 92-07-011 132B-130-010 NEW 92-08-044 132B-106-050 NEW-9 92-09-057 67-35-070 AMD 92-00-024 132B-130-002 NEW 92-08-044 132B-106-050 NEW-9 92-09-057 67-35-070 AMD 92-00-024 132B-130-010 NEW 92-08-044 132B-106-060 NEW-P 92-09-057 67-35-070 AMD 92-00-024 132B-1310-010 NEW 92-08-044 132B-106-060 NEW-P 92-09-057 67-35-080 REP-F 92-07-012 132B-1310-010 NEW 92-08-044 132B-106-060 NEW-P 92-09-057 67-35-080 REP-F 92-07-012 132B-132-010 NEW 92-08-044 132B-112-003 REP-F 92-07-074 132B-132-010 NEW 92-08-044 132B-112-003 REP-F 92-09-057 67-75-040 AMD-P 92-06-036 132B-133-010 NEW 92-08-044 132B-112-003 REP-F 92-09-058 67-75-042 NEW-P 92-08-036 132B-133-010 NEW 92-08-043 132B-112-005 REP-F 92-09-058 67-75-042 NEW-P 92-08-036 132B-133-010 NEW 92-08-043 132B-112-006 REP-P 92-09-058 67-75-044 NEW-P 92-08-036 132B-133-020 NEW-P 92-08-045 132B-112-006 REP-P 92-09-058 67-75-044 NEW-P 92-08-036 132B-135-010 REP-P 92-09-058 67-75-044 NEW-P 92-08-036 132B-135-010 REP-P 92-09-058 67-75-070 AMD-P 92-06-036 132B-105-010 REP-P 92-09-058 67-75-070 AMD-P 92-06-036 132B-105-010 REP-P 92-09-058 REP-P 92-09-058 67-75-070 AMD-P 92-06-036 132B-105-010 REP-P 92-09-058 R								NEW-P	
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67-35-070 AMD-P 92-07-011 132B-130-020 NEW 92-08-044 132H-106-050 NEW 92-13-070 67-35-070 AMD 92-10-024 132B-131 NEW-C 92-07-065 132H-106-050 NEW-P 92-07-071 67-35-080 REP-P 92-07-011 132B-131-010 NEW 92-08-044 132H-106-050 NEW-P 92-09-036 67-35-080 REP-B 92-07-012 132B-132-010 NEW 92-08-044 132H-112-033 REP-E 92-07-074 67-35-080 REP-P 92-10-024 132B-132-010 NEW 92-08-044 132H-112-033 REP-E 92-07-074 67-35-040 AMD-P 92-06-036 132B-133-010 NEW 92-08-044 132H-112-033 REP-P 92-09-056 67-75-040 AMD-P 92-06-036 132B-133-010 NEW 92-08-044 132H-112-033 REP-P 92-09-056 67-75-042 NEW-P 92-06-036 132B-133-010 NEW 92-08-043 132H-112-030 REP-P 92-09-056 67-75-042 NEW-P 92-06-036 132B-133-010 NEW 92-08-043 132H-112-006 REP-P 92-09-056 67-75-044 NEW-P 92-06-036 132B-133-010 NEW 92-08-043 132H-112-006 REP-P 92-09-056 67-75-044 NEW-P 92-06-036 132C-132-040 NEW-P 92-08-043 132H-112-006 REP-P 92-09-056 67-75-044 NEW-P 92-06-036 132H-105-010 REP-P 92-09-057 132H-112-009 REP-P 92-07-074 67-75-070 AMD-P 92-06-036 132H-105-010 REP-P 92-09-057 132H-112-009 REP-P 92-09-056 67-75-070 AMD-P 92-06-036 132H-105-010 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 67-75-075 AMD-P 92-06-036 132H-105-010 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 67-75-075 AMD-P 92-06-036 132H-105-020 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 82-50-021 AMD-P 92-13-09-03 132H-105-020 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 131-08-005 AMD-P 92-09-138 132H-105-020 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 131-08-005 AMD-P 92-09-138 132H-105-030 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 131-08-005 AMD-P 92-09-138 132H-105-030 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 131-08-005 AMD-P 92-09-138 132H-105-030 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 131-08-005 AMD-P 92-09-139 132H-105-030 REP-P 92-09-057 132H-112-012 REP-P 92-09-058 131-08-005 AMD-P 92-09-139 132H-105-030 REP-P 92-09-057 132H-112-018 REP-P 92-09-058 131-08-005 AMD-P 92-09-139 132H-105-030 REP-P 92-09-057 132H-112-018 REP-P 92-09-058 131-08-005 AMD-P 92-09-139 132H-105-030 REP-P 9								NEW-E	
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82-50-021 AMD-P 92-17-062 132H-105-020 REP 92-13-093 132H-112-015 REP-E 92-07-074 131-08-005 AMD 92-13-019 132H-105-030 REP-E 92-09-057 132H-112-015 REP-P 92-09-058 131-08-005 AMD 92-13-019 132H-105-030 REP-P 92-09-057 132H-112-015 REP-P 92-09-058 131-08-007 AMD 92-13-019 132H-105-030 REP-P 92-09-057 132H-112-018 REP-E 92-07-074 131-08-007 AMD 92-13-019 132H-105-040 REP-E 92-07-071 132H-112-018 REP-E 92-07-078 131-08-008 AMD-P 92-09-138 132H-105-040 REP-E 92-07-071 132H-112-018 REP-P 92-09-058 131-08-008 AMD-P 92-09-138 132H-105-040 REP-P 92-09-057 132H-112-018 REP-P 92-09-058 131-16-060 AMD-P 92-09-139 132H-105-050 REP-E 92-07-071 132H-112-021 REP-P 92-09-058 131-16-060 AMD-P 92-09-139 132H-105-050 REP-P 92-09-057 132H-112-021 REP-P 92-09-058 131-16-062 AMD-P 92-09-139 132H-105-050 REP-P 92-09-057 132H-112-021 REP-P 92-13-094 131-18-062 AMD-P 92-10-033 132H-105-050 REP-P 92-09-057 132H-112-021 REP-P 92-13-094 131-28-025 AMD-P 92-10-033 132H-105-060 REP-P 92-09-057 132H-112-024 REP-P 92-09-058 131-28-025 AMD-P 92-10-042 132H-105-060 REP-P 92-09-057 132H-112-024 REP-P 92-09-058 131-28-025 AMD-P 92-10-033 132H-105-060 REP-P 92-09-057 132H-112-024 REP-P 92-09-058 131-28-025 AMD-P 92-10-033 132H-105-060 REP-P 92-09-057 132H-112-024 REP-P 92-09-058 131-28-025 AMD-P 92-10-033 132H-105-060 REP-P 92-09-057 132H-112-027 REP-P 92-09-058 131-28-026 AMD-P 92-10-033 132H-105-060 REP-P 92-09-057 132H-112-027 REP-P 92-09-058 131-28-026 AMD-P 92-10-033 132H-105-070 REP-P 92-09-057 132H-112-037 REP-P 92-09-058 131-28-026 AMD-P 92-10-033 132H-105-070 REP-P 92-09-057 132H-112-037 REP-P 92-09-058 131-28-026 AMD-P 92-10-042 132H-105-070 REP-P 92-09-057 132H-112-030 REP-P 92-09-058 131-28-028 NEW-P 92-10-043 132H-105-070 REP-P 92-09-057 132H-112-030 REP-P 92-09-058 131-28-028 NEW-P 92-10-043 132H-105-070 REP-P 92-09-057 132H-112-030 REP-P 92-09-058 131-28-028 NEW-P 92-10-043 132H-105-070 REP-P 92-09-057 132H-112-030 REP-P 92-09-058 131-46-010 NEW-E 92-19-005 132H-105-100 REP-P 92-09-057 132H-112-030 REP-P 92-09-058 131-46-010 NEW-E					REP-P			REP	
131-08-005   AMD   92-13-019   132H-105-030   REP.   92-09-057   132H-112-015   REP.   92-13-094   131-08-007   AMD-P   92-09-138   132H-105-040   REP.   92-07-071   132H-112-018   REP.   92-07-070   131-08-008   AMD-P   92-09-138   132H-105-040   REP.   92-07-071   132H-112-018   REP.   92-07-071   132H-112-018   REP.   92-07-071   132H-112-018   REP.   92-07-074   131-08-008   AMD-P   92-09-138   132H-105-040   REP.   92-09-057   132H-112-018   REP.   92-07-074   131-08-008   AMD-P   92-09-139   132H-105-040   REP.   92-13-093   132H-112-021   REP.   92-07-074   131-16-060   AMD-P   92-09-139   132H-105-050   REP.   92-07-071   132H-112-021   REP.   92-07-074   131-16-062   AMD-P   92-09-139   132H-105-050   REP.   92-09-057   132H-112-021   REP.   92-07-074   131-28-025   AMD-P   92-10-043   132H-105-060   REP.   92-07-071   132H-112-024   REP.   92-09-058   131-28-025   AMD-P   92-10-043   132H-105-060   REP.   92-07-071   132H-112-024   REP.   92-07-074   131-28-026   AMD-P   92-10-043   132H-105-060   REP.   92-07-071   132H-112-024   REP.   92-07-074   131-28-026   AMD-P   92-10-043   132H-105-070   REP.   92-07-071   132H-112-027   REP.   92-09-058   131-28-026   AMD-P   92-10-043   132H-105-070   REP.   92-07-071   132H-112-027   REP.   92-09-058   131-28-026   AMD-P   92-10-042   132H-105-070   REP.   92-07-071   132H-112-027   REP.   92-07-074   131-28-028   NEW-P   92-10-033   132H-105-090   REP.   92-07-071   132H-112-030   REP.   92-07-074   131-28-028   NEW-P   92-10-042   132H-105-090   REP.   92-07-071   132H-112-030   REP.   92-07-074   131-28-026   AMD-P   92-10-042   132H-105-090   REP.   92-07-071   132H-112-030   REP.   92-07-074   131-46-010   NEW-E   92-19-005   132H-105-100   REP.   92-07-071   132H-112-030   REP.   92-07-074   131-46-010   NEW-E   92-19-005   132H-105-100   REP.   92-07-071   132H-112-030   REP.   92-07-074   131-46-010   NEW-E   92-19-005   132H-105-110   REP.   92-07-071   132H-112-030   REP.   92-09-058   131-46-010   NEW-E   92-19-005   132H-105-110   REP.   92-0		AMD-P			REP				
131-08-007   AMD-P   92-09-138   132H-105-030   REP   92-13-093   132H-112-018   REP-E   92-07-074   131-08-007   AMD   92-13-019   132H-105-040   REP-E   92-09-057   132H-112-018   REP-E   92-09-058   131-08-008   AMD-P   92-09-138   132H-105-040   REP-P   92-09-057   132H-112-018   REP-E   92-09-058   131-16-060   AMD-P   92-09-139   132H-105-050   REP-E   92-13-093   132H-112-021   REP-E   92-07-074   131-16-060   AMD-P   92-09-139   132H-105-050   REP-P   92-09-057   132H-112-021   REP-E   92-07-094   131-16-060   AMD-P   92-09-139   132H-105-050   REP-P   92-09-057   132H-112-021   REP-P   92-09-058   131-16-062   AMD-P   92-09-139   132H-105-050   REP-P   92-09-057   132H-112-024   REP-P   92-09-058   131-28-025   AMD-E   92-10-033   132H-105-060   REP-E   92-07-071   132H-112-024   REP-P   92-09-058   131-28-025   AMD-P   92-10-042   132H-105-060   REP-E   92-07-071   132H-112-024   REP-P   92-09-058   131-28-025   AMD-E   92-10-033   132H-105-060   REP-E   92-07-071   132H-112-024   REP-P   92-09-058   131-28-026   AMD-E   92-10-033   132H-105-060   REP-E   92-07-071   132H-112-027   REP-P   92-09-058   131-28-026   AMD-E   92-10-033   132H-105-070   REP-E   92-07-071   132H-112-027   REP-P   92-09-058   131-28-026   AMD-E   92-10-033   132H-105-070   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-E   92-10-033   132H-105-070   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-20-040   AMD-P   92-09-1400   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-040   AMD-P   92-09-1400   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-46-015   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P									
131-08-007   AMD   92-13-019   132H-105-040   REP-E   92-07-071   132H-112-018   REP-F   92-09-058   131-08-008   AMD-P   92-09-138   132H-105-040   REP-F   92-09-057   132H-112-018   REP-F   92-13-094   131-08-008   AMD   92-13-019   132H-105-040   REP-F   92-13-093   132H-112-021   REP-F   92-07-074   131-16-060   AMD-P   92-09-139   132H-105-050   REP-F   92-07-071   132H-112-021   REP-F   92-07-074   131-16-060   AMD-P   92-09-139   132H-105-050   REP-F   92-09-057   132H-112-021   REP-F   92-09-058   131-16-060   AMD-P   92-09-139   132H-105-050   REP-F   92-09-057   132H-112-021   REP-F   92-09-058   131-16-060   AMD-P   92-09-139   132H-105-050   REP-F   92-09-057   132H-112-021   REP-F   92-09-058   131-18-8-025   AMD-F   92-10-042   132H-105-060   REP-F   92-09-057   132H-112-024   REP-F   92-09-058   131-28-025   AMD-F   92-10-042   132H-105-060   REP-F   92-09-057   132H-112-024   REP-F   92-09-058   131-28-025   AMD-F   92-10-042   132H-105-060   REP-F   92-09-057   132H-112-027   REP-F   92-09-058   131-28-026   AMD-F   92-10-043   132H-105-070   REP-F   92-09-057   132H-112-027   REP-F   92-09-058   131-28-026   AMD-F   92-10-043   132H-105-070   REP-F   92-09-057   132H-112-027   REP-F   92-09-058   131-28-026   AMD-F   92-10-043   132H-105-070   REP-F   92-09-057   132H-112-030   REP-F   92-09-058   131-28-028   NEW-F   92-10-043   132H-105-070   REP-F   92-09-057   132H-112-030   REP-F   92-09-058   131-28-028   NEW-F   92-10-043   132H-105-090   REP-F   92-09-057   132H-112-030   REP-F   92-09-058   131-28-028   NEW-F   92-10-043   132H-105-090   REP-F   92-09-057   132H-112-030   REP-F   92-09-058   131-28-028   NEW-F   92-10-043   132H-105-090   REP-F   92-13-093   132H-112-033   REP-F   92-09-058   131-28-028   NEW-F   92-10-043   132H-105-090   REP-F   92-13-093   132H-112-033   REP-F   92-09-058   131-40-040   NEW-F   92-19-005   132H-105-100   REP-F   92-13-093   132H-112-036   REP-F   92-09-058   131-40-040   NEW-F   92-19-005   132H-105-100   REP-F   92-13-093   132H-112-039   REP-F									
131-08-008   AMD-P   92-09-138   132H-105-040   REP-P   92-09-057   132H-112-018   REP   92-13-094   131-16-060   AMD-P   92-13-019   132H-105-040   REP-P   92-07-071   132H-112-021   REP-P   92-09-058   131-16-060   AMD-P   92-19-085   132H-105-050   REP-P   92-09-057   132H-112-021   REP-P   92-09-058   131-16-062   AMD-P   92-19-033   132H-105-050   REP-P   92-09-057   132H-112-021   REP-P   92-09-058   131-18-025   AMD-P   92-10-033   132H-105-060   REP-P   92-09-057   132H-112-024   REP-P   92-09-058   131-28-025   AMD-P   92-10-042   132H-105-060   REP-P   92-09-057   132H-112-024   REP-P   92-09-058   131-28-025   AMD-P   92-10-033   132H-105-060   REP-P   92-09-057   132H-112-024   REP-P   92-09-058   131-28-026   AMD-P   92-10-033   132H-105-060   REP-P   92-09-057   132H-112-024   REP-P   92-09-058   131-28-026   AMD-P   92-10-033   132H-105-070   REP-E   92-07-071   132H-112-027   REP-P   92-09-058   131-28-026   AMD-P   92-10-042   132H-105-070   REP-P   92-09-057   132H-112-027   REP-P   92-09-058   131-28-026   AMD-P   92-10-042   132H-105-070   REP-P   92-09-057   132H-112-027   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-E   92-09-057   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-105-100   REP-					REP-E				
131-16-060		AMD-P			REP-P				
131-16-060		AMD		132H-105-040	REP	92-13-093	132H-112-021	REP-E	92-07-074
131-16-062									
131-28-025   AMD-E   92-10-033   132H-105-060   REP-E   92-07-071   132H-112-024   REP-P   92-09-058   131-28-025   AMD-P   92-10-042   132H-105-060   REP-P   92-09-057   132H-112-027   REP-E   92-07-071   131-12-027   REP-E   92-07-071   131-12-027   REP-P   92-09-058   131-28-026   AMD-P   92-10-042   132H-105-070   REP-E   92-07-071   132H-112-027   REP-P   92-09-058   131-28-026   AMD-P   92-10-042   132H-105-070   REP-P   92-09-057   132H-112-027   REP-P   92-09-058   131-28-026   AMD-P   92-10-033   132H-105-070   REP-P   92-09-057   132H-112-030   REP-P   92-07-074   131-28-028   NEW-E   92-10-033   132H-105-090   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-28-028   NEW   92-14-033   132H-105-090   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-040   AMD-P   92-09-140   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-040   AMD-P   92-13-090   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-46-010   NEW-E   92-19-005   132H-105-100   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-015   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-025   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-055   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92									
131-28-025   AMD-P   92-10-042   132H-105-060   REP-P   92-09-057   132H-112-024   REP   92-13-094   131-28-025   AMD   92-14-033   132H-105-070   REP-E   92-07-071   132H-112-027   REP-P   92-09-058   131-28-026   AMD-P   92-10-042   132H-105-070   REP-P   92-09-057   132H-112-027   REP-P   92-09-058   131-28-026   AMD   92-14-033   132H-105-070   REP-P   92-13-093   132H-112-030   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-14-033   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-13-094   131-32-040   AMD-P   92-09-140   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-040   AMD-P   92-09-140   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-050   REP-E   92-19-005   132H-105-100   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-010   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-020   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-025   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-130   REP-P   92									
131-28-026   AMD-E   92-10-033   132H-105-070   REP-E   92-07-071   132H-112-027   REP-P   92-09-058   131-28-026   AMD-P   92-10-042   132H-105-070   REP-P   92-09-057   132H-112-030   REP-E   92-07-074   131-28-028   NEW-E   92-10-033   132H-105-090   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-28-028   NEW   92-14-033   132H-105-090   REP-P   92-09-057   132H-112-030   REP-P   92-09-058   131-32-040   AMD-P   92-09-140   132H-105-100   REP-E   92-07-071   132H-112-033   REP-P   92-09-058   131-32-040   AMD   92-13-020   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-050   REP-E   92-19-005   132H-105-100   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-015   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-020   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-025   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-036   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-036   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-036   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P							132H-112-024	REP	
131-28-026							1		
131-28-026   AMD   92-14-033   132H-105-070   REP   92-13-093   132H-112-030   REP-E   92-07-074   131-28-028   NEW-E   92-10-033   132H-105-090   REP-E   92-07-071   132H-112-030   REP-P   92-09-058   131-28-028   NEW-P   92-10-042   132H-105-090   REP-P   92-09-057   132H-112-030   REP   92-13-094   131-28-028   NEW   92-14-033   132H-105-090   REP   92-13-093   132H-112-033   REP-E   92-07-074   131-32-040   AMD-P   92-09-140   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-040   AMD   92-13-020   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-32-050   REP-E   92-19-005   132H-105-100   REP-P   92-09-057   132H-112-033   REP-P   92-09-058   131-46-010   NEW-E   92-19-005   132H-105-110   REP-E   92-07-071   132H-112-036   REP-P   92-09-058   131-46-015   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-09-058   131-46-020   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-13-094   131-46-020   NEW-E   92-19-005   132H-105-110   REP-P   92-07-071   132H-112-039   REP-P   92-09-058   131-46-030   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-040   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-040   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-05									
131-28-028 NEW-E 92-10-033 132H-105-090 REP-E 92-07-071 132H-112-030 REP-P 92-09-058 131-28-028 NEW-P 92-10-042 132H-105-090 REP-P 92-09-057 132H-112-030 REP 92-13-094 131-28-028 NEW 92-14-033 132H-105-090 REP 92-13-093 132H-112-033 REP-E 92-07-074 131-32-040 AMD-P 92-09-140 132H-105-100 REP-E 92-07-071 132H-112-033 REP-P 92-09-058 131-32-040 AMD 92-13-020 132H-105-100 REP-P 92-09-057 132H-112-033 REP-P 92-09-058 131-32-050 REP-E 92-19-005 132H-105-100 REP-P 92-13-093 132H-112-036 REP-E 92-07-074 131-46-010 NEW-E 92-19-005 132H-105-110 REP-E 92-07-071 132H-112-036 REP-P 92-09-058 131-46-015 NEW-E 92-19-005 132H-105-110 REP-P 92-09-057 132H-112-036 REP-P 92-09-058 131-46-020 NEW-E 92-19-005 132H-105-110 REP-P 92-09-057 132H-112-036 REP-P 92-09-058 131-46-025 NEW-E 92-19-005 132H-105-110 REP-P 92-13-093 132H-112-036 REP-P 92-09-058 131-46-030 NEW-E 92-19-005 132H-105-120 REP-E 92-07-071 132H-112-039 REP-P 92-09-058 131-46-035 NEW-E 92-19-005 132H-105-120 REP-P 92-09-057 132H-112-039 REP-P 92-09-058 131-46-035 NEW-E 92-19-005 132H-105-120 REP-P 92-09-057 132H-112-039 REP-P 92-09-058 131-46-040 NEW-E 92-19-005 132H-105-120 REP-P 92-09-057 132H-112-042 REP-P 92-09-058 131-46-040 NEW-E 92-19-005 132H-105-130 REP-P 92-09-057 132H-112-042 REP-P 92-09-058 131-46-045 NEW-E 92-19-005 132H-105-130 REP-P 92-09-057 132H-112-042 REP-P 92-09-058 131-46-045 NEW-E 92-19-005 132H-105-130 REP-P 92-09-057 132H-112-042 REP-P 92-09-058 131-46-050 NEW-E 92-19-005 132H-105-130 REP-P 92-09-057 132H-112-042 REP-P 92-09-058 132H-105-130 REP-P 92-09-057 132H-112-045 REP-P 92-09-058 132H-105-140 REP-P 92-09-057 132H-112-045 REP-P 92-09-058 13									
131-28-028   NEW   92-14-033   132H-105-090   REP   92-13-093   132H-112-033   REP-E   92-07-074   131-32-040   AMD-P   92-09-140   132H-105-100   REP-E   92-07-071   132H-112-033   REP-P   92-09-058   131-32-040   AMD   92-13-020   132H-105-100   REP-P   92-09-057   132H-112-033   REP   92-13-094   131-32-050   REP-E   92-19-005   132H-105-100   REP   92-13-093   132H-112-036   REP-E   92-07-074   131-46-010   NEW-E   92-19-005   132H-105-110   REP-E   92-07-071   132H-112-036   REP-P   92-09-058   131-46-020   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-03-058   131-46-025   NEW-E   92-19-005   132H-105-120   REP-E   92-07-071   132H-112-039   REP-P   92-09-058   131-46-030   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-03-094   131-46-040   NEW-E   92-19-005   132H-105-120   REP-P   92-03-057   132H-112-042   REP-P   92-03-058   131-46-045   NEW-E   92-19-005   132H-105-130   REP-E   92-07-071   132H-112-042   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-03-057   132H-112-042   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-03-057   132H-112-042   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-03-057   132H-112-042   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-03-057   132H-112-045   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-E   92-07-071   132H-112-045   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-P   92-03-057   132H-112-045   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-P   92-03-057   132H-112-045   REP-P   92-03-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-P   92-03-057   132H-112-045   REP-P   92-03-058   131-46-050   NEW-E   92-13-005   132H-105-140   REP-P   92-03-057   132H-112-045   REP-P   92-03-	131-28-028	NEW-E	92-10-033	132H-105-090					
131-32-040   AMD-P   92-09-140   132H-105-100   REP-E   92-07-071   132H-112-033   REP-P   92-09-058   131-32-040   AMD   92-13-020   132H-105-100   REP-P   92-09-057   132H-112-033   REP   92-13-094   131-32-050   REP-E   92-19-005   132H-105-100   REP   92-13-093   132H-112-036   REP-E   92-07-074   131-46-010   NEW-E   92-19-005   132H-105-110   REP-E   92-07-071   132H-112-036   REP-P   92-09-058   131-46-015   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-13-094   131-46-020   NEW-E   92-19-005   132H-105-110   REP-P   92-13-093   132H-112-039   REP-E   92-07-074   131-46-025   NEW-E   92-19-005   132H-105-120   REP-E   92-07-071   132H-112-039   REP-P   92-09-058   131-46-030   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-13-094   131-46-040   NEW-E   92-19-005   132H-105-120   REP-P   92-13-093   132H-112-042   REP-E   92-07-074   131-46-040   NEW-E   92-19-005   132H-105-130   REP-E   92-07-071   132H-112-042   REP-P   92-09-058   131-46-045   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-E   92-07-071   132H-112-045   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-E   92-07-071   132H-112-045   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-E   92-07-071   132H-112-045   REP-P   92-09-058   131-46-060   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-060   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-13-094   131-46-060   NEW-E   92-19-005   132H-105-140   REP-P							132H-112-030	REP	
131-32-040   AMD   92-13-020   132H-105-100   REP-P   92-09-057   132H-112-033   REP   92-13-094   131-32-050   REP-E   92-19-005   132H-105-100   REP   92-13-093   132H-112-036   REP-E   92-07-074   131-46-010   NEW-E   92-19-005   132H-105-110   REP-E   92-07-071   132H-112-036   REP-P   92-09-058   131-46-015   NEW-E   92-19-005   132H-105-110   REP-P   92-09-057   132H-112-036   REP-P   92-13-094   131-46-025   NEW-E   92-19-005   132H-105-120   REP-E   92-07-071   132H-112-039   REP-E   92-07-074   131-46-030   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-09-058   131-46-035   NEW-E   92-19-005   132H-105-120   REP-P   92-09-057   132H-112-039   REP-P   92-13-094   131-46-040   NEW-E   92-19-005   132H-105-120   REP-P   92-13-093   132H-112-042   REP-P   92-09-058   131-46-040   NEW-E   92-19-005   132H-105-130   REP-E   92-07-071   132H-112-042   REP-P   92-09-058   131-46-045   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-130   REP-P   92-09-057   132H-112-042   REP-P   92-09-058   131-46-050   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-060   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-060   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   131-46-060   NEW-E   92-19-005   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-09-058   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-13-094   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-13-094   132H-105-140   REP-P   92-09-057   132H-112-045   REP-P   92-13-094   132H-105-140   REP-P   92-09-057   132H-102-045   REP-P   92-13-094   132H-105-140									
131-32-050         REP-E         92-19-005         132H-105-100         REP         92-13-093         132H-112-036         REP-E         92-07-074           131-46-010         NEW-E         92-19-005         132H-105-110         REP-E         92-07-071         132H-112-036         REP-P         92-09-058           131-46-015         NEW-E         92-19-005         132H-105-110         REP-P         92-09-057         132H-112-036         REP-P         92-13-094           131-46-020         NEW-E         92-19-005         132H-105-110         REP-P         92-13-093         132H-112-036         REP-P         92-13-094           131-46-025         NEW-E         92-19-005         132H-105-120         REP-P         92-13-093         132H-112-039         REP-E         92-07-074           131-46-030         NEW-E         92-19-005         132H-105-120         REP-P         92-09-057         132H-112-039         REP-P         92-09-058           131-46-035         NEW-E         92-19-005         132H-105-120         REP-P         92-09-057         132H-112-039         REP-P         92-09-057           131-46-040         NEW-E         92-19-005         132H-105-120         REP-P         92-09-057         132H-112-042         REP-P         92-09-058									
131-46-010         NEW-E         92-19-005         132H-105-110         REP-E         92-07-071         132H-112-036         REP-P         92-09-058           131-46-015         NEW-E         92-19-005         132H-105-110         REP-P         92-09-057         132H-112-036         REP-P         92-13-094           131-46-020         NEW-E         92-19-005         132H-105-110         REP         92-13-093         132H-112-039         REP-E         92-07-074           131-46-025         NEW-E         92-19-005         132H-105-120         REP-E         92-07-071         132H-112-039         REP-P         92-09-058           131-46-030         NEW-E         92-19-005         132H-105-120         REP-P         92-09-057         132H-112-039         REP-P         92-09-058           131-46-035         NEW-E         92-19-005         132H-105-120         REP-P         92-09-057         132H-112-039         REP-P         92-13-094           131-46-040         NEW-E         92-19-005         132H-105-130         REP-P         92-07-071         132H-112-042         REP-P         92-09-058           131-46-045         NEW-E         92-19-005         132H-105-130         REP-P         92-09-057         132H-112-042         REP-P         92-13-094									
131-46-020 NEW-E 92-19-005 132H-105-110 REP 92-13-093 132H-112-039 REP-E 92-07-074 131-46-025 NEW-E 92-19-005 132H-105-120 REP-E 92-07-071 132H-112-039 REP-P 92-09-058 132H-105-120 REP-P 92-09-057 132H-112-039 REP-P 92-13-094 131-46-035 NEW-E 92-19-005 132H-105-120 REP 92-13-093 132H-112-042 REP-E 92-07-074 131-46-040 NEW-E 92-19-005 132H-105-130 REP-E 92-07-071 132H-112-042 REP-P 92-09-058 132H-105-130 REP-P 92-09-057 132H-112-042 REP-P 92-09-058 132H-105-130 REP-P 92-09-057 132H-112-042 REP-P 92-13-094 131-46-050 NEW-E 92-19-005 132H-105-130 REP-P 92-09-057 132H-112-042 REP-P 92-13-094 131-46-050 NEW-E 92-19-005 132H-105-140 REP-P 92-13-093 132H-112-045 REP-P 92-09-058 132H-105-140 REP-P 92-09-057 132H-112-045 REP-P 92-09-058 132H-105-140 REP-P 92-09-057 132H-112-045 REP-P 92-09-058 132H-105-140 REP-P 92-09-057 132H-112-045 REP-P 92-13-094									
131-46-025         NEW-E         92-19-005         132H-105-120         REP-E         92-07-071         132H-112-039         REP-P         92-09-058           131-46-030         NEW-E         92-19-005         132H-105-120         REP-P         92-09-057         132H-112-039         REP         92-13-094           131-46-035         NEW-E         92-19-005         132H-105-120         REP         92-13-093         132H-112-042         REP-E         92-07-074           131-46-040         NEW-E         92-19-005         132H-105-130         REP-E         92-07-071         132H-112-042         REP-P         92-09-058           131-46-045         NEW-E         92-19-005         132H-105-130         REP-P         92-09-057         132H-112-042         REP-P         92-13-094           131-46-050         NEW-E         92-19-005         132H-105-130         REP-P         92-13-093         132H-112-045         REP-E         92-07-074           131-46-055         NEW-E         92-19-005         132H-105-140         REP-E         92-07-071         132H-112-045         REP-P         92-09-058           131-46-060         NEW-E         92-19-005         132H-105-140         REP-P         92-07-071         132H-112-045         REP-P         92-09-058									
131-46-030         NEW-E         92-19-005         132H-105-120         REP-P         92-09-057         132H-112-039         REP         92-13-094           131-46-035         NEW-E         92-19-005         132H-105-120         REP         92-13-093         132H-112-042         REP-E         92-07-074           131-46-040         NEW-E         92-19-005         132H-105-130         REP-E         92-07-071         132H-112-042         REP-P         92-09-058           131-46-045         NEW-E         92-19-005         132H-105-130         REP-P         92-09-057         132H-112-042         REP         92-13-094           131-46-050         NEW-E         92-19-005         132H-105-130         REP         92-13-093         132H-112-045         REP-E         92-07-074           131-46-055         NEW-E         92-19-005         132H-105-140         REP-E         92-07-071         132H-112-045         REP-P         92-09-058           131-46-060         NEW-E         92-19-005         132H-105-140         REP-P         92-09-057         132H-112-045         REP-P         92-09-058									
131-46-035         NEW-E         92-19-005         132H-105-120         REP         92-13-093         132H-112-042         REP-E         92-07-074           131-46-040         NEW-E         92-19-005         132H-105-130         REP-E         92-07-071         132H-112-042         REP-P         92-09-058           131-46-045         NEW-E         92-19-005         132H-105-130         REP-P         92-09-057         132H-112-042         REP         92-13-094           131-46-050         NEW-E         92-19-005         132H-105-130         REP         92-13-093         132H-112-045         REP-E         92-07-074           131-46-055         NEW-E         92-19-005         132H-105-140         REP-E         92-07-071         132H-112-045         REP-P         92-09-058           131-46-060         NEW-E         92-19-005         132H-105-140         REP-P         92-09-057         132H-112-045         REP-P         92-09-058									
131-46-040     NEW-E     92-19-005     132H-105-130     REP-E     92-07-071     132H-112-042     REP-P     92-09-058       131-46-045     NEW-E     92-19-005     132H-105-130     REP-P     92-09-057     132H-112-042     REP     92-13-094       131-46-050     NEW-E     92-19-005     132H-105-130     REP     92-13-093     132H-112-045     REP-E     92-07-074       131-46-055     NEW-E     92-19-005     132H-105-140     REP-E     92-07-071     132H-112-045     REP-P     92-09-058       131-46-060     NEW-E     92-19-005     132H-105-140     REP-P     92-09-057     132H-112-045     REP     92-13-094	131-46-035	NEW-E	92-19-005	l l		92-13-093			
131-46-050     NEW-E     92-19-005     132H-105-130     REP     92-13-093     132H-112-045     REP-E     92-07-074       131-46-055     NEW-E     92-19-005     132H-105-140     REP-E     92-07-071     132H-112-045     REP-P     92-09-058       131-46-060     NEW-E     92-19-005     132H-105-140     REP-P     92-09-057     132H-112-045     REP     92-13-094							132H-112-042	REP-P	92-09-058
131-46-055 NEW-E 92-19-005 132H-105-140 REP-E 92-07-071 132H-112-045 REP-P 92-09-058 132H-6-060 NEW-E 92-19-005 132H-105-140 REP-P 92-09-057 132H-112-045 REP 92-13-094									
131-46-060 NEW-E 92-19-005 132H-105-140 REP-P 92-09-057 132H-112-045 REP 92-13-094									
72.00		NEW-E							
	131-46-065	NEW-E	92-19-005	l 132H-105-140	REP	92-13-093			

[5] Table

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
	DED D	00.00.050	12011 116 400	DED	00 12 007	12011 116 600	DED D	00.00.00
132H-112-048	REP-P	92-09-058 92-13-094	132H-116-400	REP NEW-P	92-13-097 92-09-062	132H-116-600 132H-116-600	REP-P REP-E	92-09-062 92-09-063
132H-112-048 132H-112-051	REP REP-E	92-13-094 92-07-074	132H-116-405 132H-116-405	NEW-P	92-09-063	132H-116-600	REP-E	92-09-063
132H-112-051	REP-P	92-09-058	132H-116-405	NEW	92-13-097	132H-116-610	REP-P	92-09-062
132H-112-051	REP	92-13-094	132H-116-410	AMD-P	92-09-062	132H-116-610	REP-E	92-09-063
32H-112-054	REP-E	92-07-074	132H-116-410	AMD-E	92-09-063	132H-116-610	REP	92-13-097
32H-112-054	REP-P	92-09-058	132H-116-410	AMD	92-13-097	132H-116-615	NEW-P	92-09-062
32H-112-054	REP	92-13-094	132H-116-415	NEW-P	92-09-062 92-09-063	132H-116-615	NEW-E	92-09-063 92-13-097
32H-112-057 32H-112-057	REP-E REP-P	92-07-074 92-09-058	132H-116-415 132H-116-415	NEW-E NEW	92-09-063	132H-116-615 132H-116-620	NEW AMD-P	92-13-097
32H-112-057	REP	92-13-094	132H-116-420	REP-P	92-09-062	132H-116-620	AMD-E	92-09-063
32H-112-060	REP-E	92-07-074	132H-116-420	REP-E	92-09-063	132H-116-620	AMD	92-13-097
32H-112-060	REP-P	92-09-058	132H-116-420	REP	92-13-097	132H-116-630	AMD-P	92-09-062
32H-112-060	REP	92-13-094	132H-116-430	AMD-P	92-09-062	132H-116-630	AMD-E	92-09-063
2H-112-063	REP-E	92-07-074	132H-116-430	AMD-E	92-09-063	132H-116-630	AMD	92-13-097
2H-112-063	REP-P	92-09-058	132H-116-430	AMD	92-13-097 92-09-062	132H-116-640	REP-P REP-E	92-09-062 92-09-063
32H-112-063 32H-116-300	REP AMD-P	92-13-094 92-09-062	132H-116-431 132H-116-431	NEW-P NEW-E	92-09-063	132H-116-640 132H-116-640	REP-E REP	92-13-097
2H-116-300	AMD-F	92-09-063	132H-116-431	NEW	92-13-097	132H-116-650	REP-P	92-09-062
2H-116-300	AMD	92-13-097	132H-116-432	NEW-P	92-09-062	132H-116-650	REP-E	92-09-063
2H-116-310	AMD-P	92-09-062	132H-116-432	<b>NEW-E</b>	92-09-063	132H-116-650	REP	92-13-097
2H-116-310	AMD-E	92-09-063	132H-116-432	NEW	92-13-097	132H-116-655	NEW-P	92-09-062
2H-116-310	AMD	92-13-097	132H-116-433	NEW-P	92-09-062	132H-116-655	NEW-E	92-09-063
32H-116-315	NEW-P	92-09-062	132H-116-433	NEW-E	92-09-063	132H-116-655 132H-116-660	NEW	92-13-097
32H-116-315 32H-116-315	NEW-E NEW	92-09-063 92-13-097	132H-116-433 132H-116-440	NEW REP-P	92-13-097 92-09-062	132H-116-660	REP-P REP-E	92-09-062 92-09-063
32H-116-319	AMD-P	92-09-062	132H-116-440	REP-E	92-09-063	132H-116-660	REP	92-13-097
32H-116-320	AMD-E	92-09-063	132H-116-440	REP	92-13-097	132H-116-670	REP-P	92-09-062
32H-116-320	AMD	92-13-097	132H-116-450	REP-P	92-09-062	132H-116-670	REP-E	92-09-063
32H-116-330	AMD-P	92-09-062	132H-116-450	REP-E	92-09-063	132H-116-670	REP	92-13-097
32H-116-330	AMD-E	92-09-063	132H-116-450	REP	92-13-097	132H-116-680	REP-P	92-09-062
32H-116-330 32H-116-340	AMD REP-P	92-13-097 92-09-062	132H-116-470 132H-116-470	AMD-P AMD-E	92-09-062 92-09-063	132H-116-680 132H-116-680	REP-E REP	92-09-063 92-13-097
32H-116-340	REP-E	92-09-063	132H-116-470	AMD	92-13-097	132H-116-690	REP-P	92-09-062
2H-116-340	REP	92-13-097	132H-116-480	REP-P	92-09-062	132H-116-690	REP-E	92-09-063
32H-116-350	AMD-P	92-09-062	132H-116-480	REP-E	92-09-063	132H-116-690	REP	92-13-097
32H-116-350	AMD-E	92-09-063	132H-116-480	REP	92-13-097	132H-116-700	REP-P	92-09-062
32H-116-350	AMD	92-13-097	132H-116-490	REP-P	92-09-062	132H-116-700 132H-116-700	REP-E REP	92-09-063
32H-116-351 32H-116-351	NEW-P NEW-E	92-09-062 92-09-063	132H-116-490 132H-116-490	REP-E REP	92-09-063 92-13-097	132H-116-700	REP-P	92-13-097 92-09-062
32H-116-351	NEW L	92-13-097	132H-116-500	REP-P	92-09-062	132H-116-710	REP-E	92-09-063
32H-116-352	NEW-P	92-09-062	132H-116-500	REP-E	92-09-063	132H-116-710	RÈP	92-13-097
32H-116-352	NEW-E	92-09-063	132H-116-500	REP	92-13-097	132H-116-720	REP-P	92-09-062
32H-116-352	NEW	92-13-097	132H-116-510	REP-P	92-09-062	132H-116-720	REP-E	92-09-063
32H-116-353	NEW-P	92-09-062	132H-116-510	REP-E	92-09-063	132H-116-720	REP	92-13-097
32H-116-353 32H-116-353	NEW-E NEW	92-09-063 92-13-097	132H-116-510 132H-116-520	REP REP-P	92-13-097 92-09-062	132H-116-730 132H-116-730	AMD-P AMD-E	92-09-062 92-09-063
32H-116-353	NEW-P	92-13-097	132H-116-520	REP-E	92-09-063	132H-116-730	AMD-E	92-09-063
2H-116-354	NEW-E	92-09-063	132H-116-520	REP	92-13-097	132H-116-740	REP-P	92-09-062
32H-116-354	NEW	92-13-097	132H-116-530	REP-P	92-09-062	132H-116-740	REP-E	92-09-063
32H-116-355	NEW-P	92-09-062	132H-116-530	REP-E	92-09-063	132H-116-740	REP	92-13-097
32H-116-355	NEW-E	92-09-063	132H-116-530	REP DED D	92-13-097	132H-116-750	AMD-P	92-09-062
32H-116-355 32H-116-356	NEW NEW-P	92-13-097 92-09-062	132H-116-540 132H-116-540	REP-P REP-E	92-09-062 92-09-063	132H-116-750 132H-116-750	AMD-E AMD	92-09-063 92-13-097
32H-116-356	NEW-F NEW-E	92-09-063	132H-116-540	REP-E	92-13-097	132H-116-760	REP-P	92-13-097
32H-116-356	NEW	92-13-097	132H-116-542	REP-P	92-09-062	132H-116-760	REP-E	92-09-063
32H-116-357	NEW-P	92-09-062	132H-116-542	REP-E	92-09-063	132H-116-760	REP	92-13-097
32H-116-357	NEW-E	92-09-063	132H-116-542	REP	92-13-097	132H-116-765	NEW-P	92-09-062
32H-116-357	NEW	92-13-097	132H-116-550	REP-P	92-09-062	132H-116-765	NEW-E	92-09-063
32H-116-360	AMD-P	92-09-062	132H-116-550	REP-E	92-09-063	132H-116-765	NEW	92-13-097
32H-116-360 32H-116-360	AMD-E AMD	92-09-063 92-13-097	132H-116-550 132H-116-560	REP REP-P	92-13-097 92-09-062	132H-116-770 132H-116-770	REP-P REP-E	92-09-062 92-09-063
32H-116-370	REP-P	92-09-062	132H-116-560	REP-E	92-09-063	132H-116-770	REP	92-13-097
32H-116-370	REP-E	92-09-063	132H-116-560	REP	92-13-097	132H-116-780	REP-P	92-09-062
32H-116-370	REP	92-13-097	132H-116-570	REP-P	92-09-062	132H-116-780	REP-E	92-09-063
32H-116-380	REP-P	92-09-062	132H-116-570	REP-E	92-09-063	132H-116-780	REP	92-13-097
32H-116-380	REP-E	92-09-063	132H-116-570	REP	92-13-097	132H-116-791	NEW-P	92-09-062
2011 116 222	REP	92-13-097 92-09-062	132H-116-580 132H-116-580	REP-P REP-E	92-09-062 92-09-063	132H-116-791	NEW-E NEW	92-09-063
	DEDD	7/41/94 (7)/	1 17/D+110+36U	KEI-E		132H-116-791		92-13-097
32H-116-380 32H-116-390 32H-116-390	REP-P REP-E		1	REP	92-13-097	132H-116-810	RFP-P	92 <u>-0</u> 0_0⊀2
2H-116-390 2H-116-390	REP-P REP-E REP	92-09-063 92-13-097	132H-116-580 132H-116-590	REP AMD-P	92-13-097 92-09-062	132H-116-810 132H-116-810	REP-P REP-E	92-09-062 92-09-063
	REP-E	92-09-063	132H-116-580					

Table [6]

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
132H-120-010	AMD-E	92-14-075	132H-120-240	REP-P	92-14-061	132H-122-020	NEW-P	92-15-068
132H-120-010	AMD	92-19-047	132H-120-240	REP-E	92-14-075	132H-122-020	NEW	92-19-054
132H-120-020	AMD-P	92-14-061	132H-120-240	REP	92-19-047	132H-122-030	NEW-P	92-15-068
132H-120-020	AMD-E	92-14-075	132H-120-245	NEW-P	92-14-061	132H-122-030	NEW	92-19-054
132H-120-020 132H-120-030	AMD AMD-P	92-19-047 92-14-061	132H-120-245 132H-120-245	NEW-E NEW	92-14-075 92-19-047	132H-128-010	REP-E	92-07-072
132H-120-030	AMD-E	92-14-075	132H-120-300	AMD-P	92-19-047	132H-128-010 132H-128-010	REP-P REP	92-09-059 92-13-095
132H-120-030	AMD	92-19-047	132H-120-300	AMD-E	92-14-075	132H-128-020	REP-E	92-07-072
132H-120-040	AMD-P	92-14-061	132H-120-300	AMD	92-19-047	132H-128-020	REP-P	92-09-059
132H-120-040 132H-120-040	AMD-E	92-14-075	132H-120-305	NEW-P	92-14-061	132H-128-020	REP	92-13-095
132H-120-040 132H-120-050	AMD AMD-P	92-19-047 92-14-061	132H-120-305 132H-120-305	NEW-E NEW	92-14-075 92-19-047	132H-128-030 132H-128-030	REP-E REP-P	92-07-072 92-09-059
132H-120-050	AMD-E	92-14-001	132H-120-310	AMD-P	92-14-061	132H-128-030	REP-P	92-03-039
132H-120-050	AMD	92-19-047	132H-120-310	AMD-E	92-14-075	132H-128-040	REP-E	92-07-072
132H-120-062	REP-P	92-14-061	132H-120-310	AMD	92-19-047	132H-128-040	REP-P	92-09-059
132H-120-062 132H-120-062	REP-E REP	92-14-075 92-19-047	132H-120-320	REP-P	92-14-061	132H-128-040	REP	92-13-095
132H-120-002 132H-120-070	REP-P	92-19-047	132H-120-320 132H-120-320	REP-E REP	92-14-075 92-19-047	132H-131-010 132H-131-010	NEW-P NEW	92-15-067 92-19-053
132H-120-070	REP-E	92-14-075	132H-120-330	REP-P	92-14-061	132H-131-020	NEW-P	92-15-067
132H-120-070	REP	92-19-047	132H-120-330	REP-E	92-14-075	132H-131-020	NEW	92-19-053
132H-120-072	REP-P	92-14-061	132H-120-330	REP	92-19-047	132H-132-020	AMD-P	92-15-073
132H-120-072 132H-120-072	REP-E REP	92-14-075 92-19-047	132H-120-335 132H-120-335	NEW-P NEW-E	92-14-061	132H-132-020	AMD	92-19-055
132H-120-072	REP-P	92-14-061	132H-120-335	NEW-E	92-14-075 92-19-047	132H-133-010 132H-133-010	NEW-P NEW	92-15-063 92-19-049
132H-120-073	REP-E	92-14-075	132H-120-340	REP-P	92-14-061	132H-133-020	NEW-P	92-15-063
132H-120-073	REP	92-19-047	132H-120-340	REP-E	92-14-075	132H-133-020	NEW	92-19-049
132H-120-075	REP-P	92-14-061	132H-120-340	REP	92-19-047	132H-133-040	NEW-P	92-15-063
132H-120-075 132H-120-075	REP-E REP	92-14-075 92-19-047	132H-120-350 132H-120-350	AMD-P AMD-E	92-14-061 92-14-075	132H-133-040 132H-133-050	NEW D	92-19-049
132H-120-077	REP-P	92-14-061	132H-120-350	AMD-E	92-19-047	132H-133-050	NEW-P NEW	92-15-063 92-19-049
132H-120-077	REP-E	92-14-075	132H-120-360	AMD-P	92-14-061	132H-136-030	AMD-P	92-16-066
132H-120-077	REP	92-19-047	132H-120-360	AMD-E	92-14-075	132H-136-030	AMD	92-19-052
132H-120-078 132H-120-078	REP-P REP-E	92-14-061 92-14-075	132H-120-360 132H-120-400	AMD BED D	92-19-047	132H-136-035	NEW-P	92-16-066
132H-120-078	REP-E	92-14-073 92-19-047	132H-120-400	REP-P REP-E	92-14-061 92-14-075	132H-136-035 132H-148-010	NEW REP-E	92-19-052 92-07-073
132H-120-079	REP-P	92-14-061	132H-120-400	REP	92-19-047	132H-148-010	REP-P	92-09-060
132H-120-079	REP-E	92-14-075	132H-120-405	NEW-P	92-14-061	132H-148-010	REP	92-13-096
132H-120-079	REP	92-19-047	132H-120-405	NEW-E	92-14-075	132H-148-110	REP-E	92-07-073
132H-120-080 132H-120-080	REP-P REP-E	92-14-061 92-14-075	132H-120-405 132H-120-410	NEW AMD-P	92-19-047 92-14-061	132H-148-110 132H-148-110	REP-P REP	92-09-060 92-13-096
132H-120-080	REP	92-19-047	132H-120-410	AMD-E	92-14-075	132H-200-010	REP-P	92-15-062
132H-120-090	REP-P	92-14-061	132H-120-410	AMD	92-19-047	132H-200-010	REP	92-19-048
132H-120-090	REP-E	92-14-075	132H-120-420	AMD-P	92-14-061	132H-200-020	REP-P	92-15-062
132H-120-090 132H-120-100	REP REP-P	92-19-047 92-14-061	132H-120-420 132H-120-420	AMD-E AMD	92-14-075	132H-200-020	REP	92-19-048
132H-120-100 132H-120-100	REP-E	92-14-001	132H-120-430	AMD-P	92-19-047 92-14-061	132H-200-040 132H-200-040	REP-P REP	92-15-062 92-19-048
132H-120-100	REP	92-19-047	132H-120-430	AMD-E	92-14-075	132H-200-100	REP-P	92-15-062
132H-120-110	REP-P	92-14-061	132H-120-430	AMD	92-19-047	132H-200-100	REP	92-19-048
132H-120-110	REP-E	92-14-075	132H-120-440	AMD-P	92-14-061	132H-200-110	REP-P	92-15-062
132H-120-110 132H-120-120	REP REP-P	92-19-047 92-14-061	132H-120-440 132H-120-440	AMD-E AMD	92-14-075 92-19-047	132H-200-110 132H-200-200	REP REP-P	92-19-048
132H-120-120	REP-E	92-14-001	132H-120-440	AMD-P	92-14-061	132H-200-200	REP-P	92-15-062 92-19-048
132H-120-120	REP	92-19-047	132H-120-450	AMD-E	92-14-075	132H-200-250	REP-P	92-15-062
132H-120-130	REP-P	92-14-061	132H-120-450	AMD	92-19-047	132H-200-250	REP	92-19-048
132H-120-130	REP-E	92-14-075	132H-120-460	AMD-P	92-14-061	132I-104-010	REP-P	92-09-152
132H-120-130 132H-120-200	REP AMD-P	92-19-047 92-14-061	132H-120-460 132H-120-460	AMD-E AMD	92-14-075 92-19-047	132I-104-010 1321-104-030	REP AMD-P	92-15-115 92-09-152
132H-120-200	AMD-E	92-14-075	132H-120-470	REP-P	92-14-061	132I-104-030	AMD-F	92-15-115
132H-120-200	AMD	92-19-047	132H-120-470	REP-E	92-14-075	132I-104-040	AMD-P	92-09-152
132H-120-205	REP-P	92-14-061	132H-120-470	REP	92-19-047	132I-104-040	AMD	92-15-115
132H-120-205 132H-120-205	REP-E REP	92-14-075 92-19-047	132H-120-475	NEW-P	92-14-061	1321-104-050	REP-P	92-09-152
132H-120-203 132H-120-220	AMD-P	92-19-047	132H-120-475 132H-120-475	NEW-E NEW	92-14-075 92-19-047	132I-104-050 132I-104-060	REP REP-P	92-15-115 92-09-152
132H-120-220	AMD-E	92-14-075	132H-120-480	REP-P	92-14-061	132I-104-060	REP	92-15-115
132H-120-220	AMD	92-19-047	132H-120-480	REP-E	92-14-075	132I-104-065	NEW-P	92-09-152
132H-120-225	NEW-P	92-14-061	132H-120-480	REP	92-19-047	132I-104-065	NEW	92-15-115
132H-120-225 132H-120-225	NEW-E NEW	92-14-075 92-19-047	132H-120-490 132H-120-490	REP-P REP-E	92-14-061 92-14-075	132I-104-070	REP-P	92-09-152
I32H-120-223	REP-P	92-19-047	132H-120-490 132H-120-490	REP-E REP	92-14-075 92-19-047	132I-104-070 132I-104-080	REP AMD-P	92-15-115 92-09-152
132H-120-230	REP-E	92-14-075	132H-121-010	NEW-P	92-15-065	1321-104-080	AMD	92-15-115
132H-120-230	REP	92-19-047	132H-121-010	NEW	92-19-051	132Î-104-090	AMD-P	92-09-152
132H-120-235	NEW-P	92-14-061 92-14-075	132H-122-010	NEW-P	92-15-068	132I-104-090	AMD	92-15-115
132H-120-235	NEW-E	92-14-075	I32H-122-010	NEW	92-19-054	I 132I-104-110	AMD-P	92-09-152
				[7]				

[7] Table

						<del></del>		
WAC #		WSR #	WAC #		WSR #	WAC#		WSR #
1227 124 112	4147	92-15-115	1321-116-010	AMD-P	92-09-152	132I-120-443	NEW	92-15-115
132I-104-110	AMD NEW-P	92-15-115 92-09-152	1321-116-010	AMD-P	92-09-132	132I-120-444 132I-120-444	NEW-P	92-09-152
1321-108-010 1321-108-010	NEW-P	92-09-132	1321-116-090	AMD-P	92-13-113	1321-120-444	NEW	92-15-115
1321-108-010	NEW-P	92-09-152	1321-116-090	AMD	92-15-115	1321-120-450	NEW-P	92-09-152
1321-108-020	NEW	92-15-115	132I-116-270	AMD-P	92-09-152	1321-120-450	NEW	92-15-115
132I-108-030	NEW-P	92-09-152	132I-116-270	AMD	92-15-115	1321-120-510	AMD-P	92-09-152
132I-108-030	NEW	92-15-115	132I-116-275	NEW-P	92-09-152	1321-120-510	AMD	92-15-115
1321-108-040	NEW-P	92-09-152	1321-116-275	NEW	92-15-115	1321-120-530	NEW-P	92-09-152
132I-108-040	NEW	92-15-115	1321-116-280	AMD-P	92-09-152	1321-120-530	NEW	92-15-115
1321-108-050	NEW-P	92-09-152	132I-116-280	AMD	92-15-115	132I-122-010	NEW-P	92-09-152
1321-108-050	NEW	92-15-115	132I-116-285	NEW-P	92-09-152	1321-122-010	NEW	92-15-115 92-09-152
1321-108-060	NEW-P	92-09-152	132I-116-285	NEW	92-15-115	1321-122-020	NEW-P	92-09-152
132I-108-060	NEW D	92-15-115	1321-116-300	AMD-P AMD	92-09-152 92-15-115	1321-122-020 132I-122-030	NEW NEW-P	92-13-113
132I-108-070 132I-108-070	NEW-P NEW	92-09-152 92-15-115	132I-116-300 132I-120-020	AMD-P	92-13-113	132I-122-030	NEW	92-15-115
1321-108-070	NEW-P	92-09-152	132I-120-020 132I-120-020	AMD	92-15-115	1321-124-010	NEW-P	92-09-152
132I-108-080	NEW	92-15-115	132I-120-020	- AMD-P	92-09-152	1321-124-010	NEW	92-15-115
132I-108-090	NEW-P	92-09-152	132I-120-100	AMD	92-15-115	1321-128-011	REP-P	92-09-152
132I-108-090	NEW	92-15-115	1321-120-105	NEW-P	92-09-152	132I-128-011	REP	92-15-115
1321-108-100	NEW-P	92-09-152	1321-120-105	NEW	92-15-115	1321-128-021	REP-P	92-09-152
1321-108-100	NEW	92-15-115	1321-120-300	REP-P	92-09-152	132I-128-021	REP	92-15-115
132I-108-110	NEW-P	92-09-152	1321-120-300	REP	92-15-115	132I-128-031	REP-P	92-09-152
132I-108-110	NEW	92-15-115	132I-120-305	REP-P	92-09-152	1321-128-031	REP	92-15-115
132I-108-120	NEW-P	92-09-152	132I-120-305	REP	92-15-115	132I-128-041	REP-P	92-09-152
132I-108-120	NEW	92-15-115	1321-120-310	REP-P	92-09-152	1321-128-041	REP	92-15-115
1321-112-010	REP-P	92-09-152	1321-120-310	REP	92-15-115 92-09-152	132I-128-051 132I-128-05I	REP-P REP	92-09-152 92-15-115
1321-112-010	REP	92-15-115	132I-120-320 132I-120-320	REP-P REP	92-15-115	132I-128-061	REP-P	92-13-113
1321-112-020 132I-112-020	REP-P REP	92-09-152 92-15-115	132I-120-325	REP-P	92-13-113	1321-128-061	REP	92-15-115
132I-112-020 132I-112-030	REP-P	92-13-113	132I-120-325	REP	92-15-115	1321-128-071	REP-P	92-09-152
1321-112-030	REP	92-15-115	1321-120-335	REP-P	92-09-152	132I-128-071	REP	92-15-115
1321-112-040	REP-P	92-09-152	132I-120-335	REP	92-15-115	1321-128-081	REP-P	92-09-152
132I-112-040	REP	92-15-115	132I-120-345	REP-P	92-09-152	132I-128-081	REP	92-15-115
132I-112-050	REP-P	92-09-152	132I-120-345	REP	92-15-115	1321-128-091	REP-P	92-09-152
132I-112-050	REP	92-15-115	1321-120-400	AMD-P	92-09-152	1321-128-091	REP	92-15-115
1321-112-060	REP-P	92-09-152	132I-120-400	AMD	92-15-115	132I-128-101	REP-P	92-09-152
1321-112-060	REP	92-15-115	132I-120-405	REP-P	92-09-152	1321-128-101	REP	92-15-115
1321-112-070	REP-P	92-09-152	1321-120-405	REP	92-15-115 92-09-152	132I-128-110 132I-128-110	REP-P REP	92-09-152 92-15-115
1321-112-070	REP REP-P	92-15-115 92-09-152	132I-120-410 132I-120-410	AMD-P AMD	92-15-115	1321-128-110	REP-P	92-13-113
1321-112-080 132I-112-080	REP	92-15-115	1321-120-415	AMD-P	92-09-152	1321-128-120	REP	92-15-115
1321-112-080	REP-P	92-09-152	1321-120-415	AMD	92-15-115	1321-128-130	REP-P	92-09-152
1321-112-090	REP	92-15-115	132I-120-420	REP-P	92-09-152	1321-128-130	REP	92-15-115
132I-112-100	REP-P	92-09-152	1321-120-420	REP	92-15-115	1321-128-140	REP-P	92-09-152
132I-112-100	REP	92-15-115	132I-120-421	NEW-P	92-09-152	1321-128-140	REP	92-15-115
132I-112-110	REP-P	92-09-152	1321-120-421	NEW	92-15-115	1321-128-150	REP-P	92-09-152
132I-112-110	REP	92-15-115	132I-120-424	NEW-P	92-09-152	1321-128-150	REP	92-15-115
1321-112-120	REP-P	92-09-152	1321-120-424	NEW	92-15-115	1321-128-160	REP-P REP	92-09-152 92-15-115
132I-112-120	REP	92-15-115	1321-120-425	REP-P REP	92-09-152 92-15-115	1321-128-160 1321-128-170	REP-P	92-13-113
1321-112-130	REP-P REP	92-09-152 92-15-115	132I-120-425 132I-120-426	NEW-P	92-13-113	132I-128-170	REP	92-15-115
132I-112-130 132I-112-140	REP-P	92-09-152	132I-120-426	NEW	92-15-115	1321-128-180	REP-P	92-09-152
1321-112-140	REP	92-15-115	1321-120-427	NEW-P	92-09-152	132I-128-180	REP	92-15-115
132I-112-150	REP-P	92-09-152	1321-120-427	NEW	92-15-115	132I-128-190	REP-P	92-09-152
132I-112-150	REP	92-15-115	132I-120-428	NEW-P	92-09-152	132I-128-I90	REP	92-15-115
1321-112-160	REP-P	92-09-152	132I-120-428	NEW	92-15-115	132I-128-200	REP-P	92-09-152
132I-112-160	REP	92-15-115	132I-120-429	NEW-P	92-09-152	132I-128-200	REP	92-15-115
132I-112-170	REP-P	92-09-152	1321-120-429	NEW	92-15-115	132I-128-310	REP-P	92-09-152
132I-112-170	REP	92-15-115	132I-120-430	REP-P	92-09-152	1321-128-310	REP	92-15-115
1321-112-180	REP-P	92-09-152	1321-120-430	REP	92-15-115	132I-128-320	REP-P	92-09-152
132I-112-180	REP	92-15-115	1321-120-431	NEW-P	92-09-152	1321-128-320	REP	92-15-115
1321-112-190	REP-P	92-09-152	1321-120-431	NEW D	92-15-115 92-09-152	1321-128-330 1321-128-330	REP-P REP	92-09-152 92-15-115
132I-112-190 132I-112-200	REP REP-P	92-15-115 92-09-152	132I-120-432 132I-120-432	NEW-P NEW	92-09-152 92-15-115	132I-128-330 132I-128-340	REP-P	92-13-113
132I-112-200 132I-112-200	REP-P REP	92-09-132 92-15-115	1321-120-435	AMD-P	92-09-152	132I-128-340 132I-128-340	REP	92-15-115
1321-112-210	REP-P	92-13-113 92-09-152	132I-120-435	AMD-P	92-15-115	132I-128-350	REP-P	92-09-152
1321-112-210	REP	92-03-132	1321-120-440	REP-P	92-09-152	1321-128-350	REP	92-15-115
1321-112-220	REP-P	92-09-152	1321-120-440	REP	92-15-115	1321-128-360	REP-P	92-09-152
132I-112-220	REP	92-15-115	132I-120-441	NEW-P	92-09-152	1321-128-360	REP	92-15-115
1321-112-230	REP-P	92-09-152	132I-120-441	NEW	92-15-115	132I-128-800	REP-P	92-09-152
1321-112-230	REP	92-15-115	1321-120-442	NEW-P	92-09-152	1321-128-800	REP	92-15-115
1321-112-240	REP-P	92-09-152	1321-120-442	NEW	92-15-115	1321-128-810	REP-P	92-09-152
1321-112-240	REP	92-15-115	132I-120-443	NEW-P	92-09-152	132I-128-810	REP	92-15-115
T.M.				r <b>e</b> 1				

Table [8]

WAC #		WSR #	WAC #	<del></del>	WSR #	WAC#		WSR #
132I-128-820	REP-P	92-09-152	1321-160-047	NEW	92-15-115	1221 280 015	MEW	00.15.115
132I-128-820	REP	92-15-115	1321-160-050	REP-P	92-13-113	1321-280-015 1321-280-020	NEW NEW-P	92-15-115 92-09-152
1321-130-010	NEW-P	92-09-152	1321-160-060	AMD-P	92-09-152	1321-280-020	NEW	92-15-115
1321-130-010	NEW	92-15-115	1321-160-060	AMD	92-15-115	1321-280-025	NEW-P	92-09-152
132I-130-020 132I-130-020	NEW-P NEW	92-09-152 92-15-115	132I-160-065 132I-160-065	NEW-P	92-09-152	1321-280-025	NEW	92-15-115
132I-131-010	NEW-P	92-13-113	1321-160-065	NEW REP-P	92-15-115 92-09-152	1321-280-030 1321-280-030	NEW-P NEW	92-09-152 92-15-115
1321-131-010	NEW	92-15-115	132I-160-080	REP-P	92-09-152	1321-280-035	NEW-P	92-13-113
132I-132-010	NEW-P	92-09-152	1321-160-090	AMD-P	92-09-152	1321-280-035	NEW	92-15-115
1321-132-010	NEW D	92-15-115	132I-160-090	AMD	92-15-115	1321-280-040	NEW-P	92-09-152
1321-133-010 1321-133-010	NEW-P NEW	92-09-152 92-15-115	1321-160-100 1321-160-100	AMD-P	92-09-152	1321-280-040	NEW	92-15-115
1321-134-010	NEW-P	92-09-152	1321-160-100	AMD AMD-P	92-15-115 92-09-152	132I-300-010 132I-300-010	NEW-P NEW	92-09-152 92-15-115
1321-134-010	NEW	92-15-115	1321-160-110	AMD	92-15-115	1321-300-010	NEW-P	92-13-113
1321-136-100	REP-P	92-09-152	1321-160-120	NEW-P	92-09-152	1321-300-020	NEW	92-15-115
1321-136-100	REP	92-15-115	1321-160-120	NEW	92-15-115	132I-325-010	NEW-P	92-09-152
1321-136-110 1321-136-110	REP-P REP	92-09-152 92-15-115	1321-168-010 1321-168-010	REP-P REP	92-09-152 92-15-115	1321-325-010	NEW	92-15-115
1321-136-120	REP-P	92-09-152	1321-168-020	REP-P	92-13-113	132I-400-010 132I-400-010	NEW-P NEW	92-09-152 92-15-115
1321-136-120	REP	92-15-115	1321-168-020	REP	92-15-115	1321-400-020	NEW-P	92-09-152
1321-136-130	REP-P	92-09-152	1321-168-030	REP-P	92-09-152	1321-400-020	NEW	92-15-115
1321-136-130 1321-136-140	REP REP-P	92-15-115 92-09-152	1321-168-030	REP	92-15-115	1321-400-030	NEW-P	92-09-152
1321-136-140	REP-P	92-09-132 92-15-115	132I-168-040 132I-168-040	REP-P REP	92-09-152 92-15-115	1321-400-030 1321-400-040	NEW NEW-P	92-15-115 92-09-152
1321-136-150	REP-P	92-09-152	1321-168-050	REP-P	92-09-152	1321-400-040	NEW-P	92-09-132
1321-136-150	REP	92-15-115	1321-168-050	REP	92-15-115	1321-500-010	NEW-P	92-09-152
1321-136-160	REP-P	92-09-152	1321-168-060	REP-P	92-09-152	1321-500-010	NEW	92-15-115
132I-136-160 132I-136-170	REP REP-P	92-15-115 92-09-152	1321-168-060	REP	92-15-115	132J-108-020	AMD-E	92-14-048
1321-136-170	REP-F	92-15-115	132I-168-070 132I-168-070	REP-P REP	92-09-152 92-15-115	132J-108-020 132J-108-050	AMD-P AMD-E	92-14-118 92-14-048
1321-140-010	NEW-P	92-09-152	1321-168-080	REP-P	92-09-152	132J-108-050	AMD-P	92-14-118
1321-140-010	NEW	92-15-115	1321-168-080	REP	92-15-115	132J-120-010	REP-E	92-14-048
1321-140-015	NEW-P	92-09-152	1321-168-090	REP-P	92-09-152	132 <b>J</b> -120-010	REP-P	92-14-118
132I-140-015 132I-140-016	NEW NEW-P	92-15-115 92-09-152	132I-168-090 132I-168-100	REP REP-P	92-15-115 92-09-152	132 <b>J</b> -120-020 132 <b>J</b> -120-020	REP-E REP-P	92-14-048
1321-140-016	NEW	92-15-115	1321-168-100	REP	92-15-115	132 <b>J</b> -120-020	REP-E	92-14-118 92-14-048
132I-140-110	NEW-P	92-09-152	1321-168-110	REP-P	92-09-152	132 <b>J</b> -120-030	REP-P	92-14-118
1321-140-110	NEW	92-15-115	1321-168-110	REP	92-15-115	132J-120-040	REP-E	92-14-048
132I-140-120 132I-140-120	NEW-P NEW	92-09-152 92-15-115	1321-168A-020 132I-168A-020	REP-P REP	92-09-152	132J-120-040	REP-P	92-14-118
1321-140-120	NEW-P	92-13-113	1321-168A-020	AMD-P	92-15-115 92-09-152	132J-120-050 132J-120-050	REP-E REP-P	92-14-048 92-14-118
132I-140-130	NEW	92-15-115	132I-168A-030	AMD	92-15-115	132J-120-060	REP-E	92-14-048
132I-140-134	NEW-P	92-09-152	132I-168A-090	AMD-P	92-09-152	132J-120-060	REP-P	92-14-118
132I-140-134 1321-140-135	NEW NEW-P	92-15-115 92-09-152	1321-168A-090	AMD	92-15-115	132J-120-070	REP-E	92-14-048
1321-140-135	NEW-P	92-09-132	132I-168A-100 132I-168A-100	AMD-P AMD	92-09-152 92-15-115	132J-120-070 132J-120-080	REP-P REP-E	92-14-118 92-14-048
1321-140-140	NEW-P	92-09-152	1321-276-010	NEW-P	92-09-152	132J-120-080	REP-P	92-14-048
1321-140-140	NEW	92-15-115	1321-276-010	NEW	92-15-115	132J-120-090	REP-E	92-14-048
1321-140-150	NEW-P	92-09-152	1321-276-015	NEW-P	92-09-152	132J-120-090	REP-P	92-14-118
1321-140-150 1321-140-160	NEW NEW-P	92-15-115 92-09-152	1321-276-015 1321-276-020	NEW NEW-P	92-15-115 92-09-152	132J-120-100	REP-E	92-14-048
1321-140-160	NEW	92-15-115	1321-276-020	NEW-P	92-09-132	132J-120-100 132J-120-110	REP-P REP-E	92-14-118 92-14-048
1321-140-170	NEW-P	92-09-152	1321-276-030	NEW-P	92-09-152	132J-120-110	REP-P	92-14-118
132I-140-170	NEW	92-15-115	1321-276-030	NEW	92-15-115	132J-120-120	REP-E	92-14-048
1321-160-010	AMD-P AMD	92-09-152	1321-276-045	NEW-P	92-09-152	132J-120-120	REP-P	92-14-118
1321-160-010 1321-160-020	AMD-P	92-15-115 92-09-152	132I-276-045 132I-276-050	NEW NEW-P	92-15-115 92-09-152	132J-120-130 132J-120-130	REP-E REP-P	92-14-048 92-14-118
1321-160-020	AMD	92-15-115	1321-276-050	NEW	92-15-115	132J-125-010	NEW-E	92-14-118
1321-160-025	NEW-P	92-09-152	1321-276-060	NEW-P	92-09-152	132J-125-010	NEW-P	92-14-118
1321-160-025	NEW	92-15-115	1321-276-060	NEW	92-15-115	132J-125-020	NEW-E	92-14-048
1321-160-030 132I-160-031	REP-P NEW-P	92-09-152 92-09-152	1321-276-070 1321-276-070	NEW-P	92-09-152	132J-125-020	NEW-P	92-14-118
1321-160-031	NEW-P	92-09-152 92-15-115	1321-276-070	NEW NEW-P	92-15-115 92-09-152	132J-125-030 132J-125-030	NEW-E NEW-P	92-14-048 92-14-118
1321-160-032	NEW-P	92-09-152	1321-276-080	NEW	92-15-115	132J-125-055	NEW-E	92-14-118
1321-160-032	NEW	92-15-115	1321-276-090	NEW-P	92-09-152	I32J-125-055	NEW-P	92-14-118
132I-160-033 132I-160-033	NEW-P	92-09-152	1321-276-090	NEW D	92-15-115	132J-125-060	NEW-E	92-14-048
1321-160-033	NEW NEW-P	92-15-115 92-09-152	132I-276-100 132I-276-100	NEW-P NEW	92-09-152 92-15-115	132J-125-060 132J-125-065	NEW-P NEW-E	92-14-118 92-14-048
1321-160-035	NEW-I	92-15-115	1321-276-110	NEW-P	92-13-113	132J-125-065	NEW-E NEW-P	92-14-048 92-14-118
1321-160-040	REP-P	92-09-152	1321-276-110	NEW	92-15-115	132J-125-070	NEW-E	92-14-048
132I-160-045	NEW-P	92-09-152	132I-280-010	NEW-P	92-09-152	132J-125-070	NEW-P	92-14-118
1321-160-045 1321-160-047	NEW NEW-P	92-15-115 92-09-152	132I-280-010 132I-280-015	NEW NEW-P	92-15-115	132J-125-075	NEW-E	92-14-048
1321-100-041	1417 44 -L	74-07-134	1321-200-013	NEW-P	92-09-152	132J-125-075	NEW-P	92-14-118

[9] Table

WAC #	<u> </u>	WSR #	WAC #		WSR #	WAC #		WSR
1001 105 000	NIPW P	02.14.040	1227 12 020	DED	92-03-031	132K-12-610	REP	92-03-0
132J-125-080	NEW-E	92-14-048	132K-12-070	REP REP	92-03-031	132K-12-610	REP	92-03-0
132J-125-080	NEW-P	92-14-118	132K-12-080				REP	92-03-0
132J-125-085	NEW-E	92-14-048	132K-12-090	REP	92-03-031	132K-12-630		
132 <b>J-</b> 125-085	NEW-P	92-14-118	132K-12-100	REP	92-03-031	132K-12-640	REP	92-03-0
132J-125-090	NEW-E	92-14-048	132K-12-110	REP	92-03-031	132K-12-650	REP	92-03-0
32J-125-090	NEW-P	92-14-118	132K-12-120	REP	92-03-031	132K-12-660	REP	92-03-0
32J-125-095	NEW-E	92-14-048	132K-12-130	REP	92-03-031	132K-12-670	REP	92-03-0
32J-125-095	NEW-P	92-14-118	132K-12-140	REP	92-03-031	132K-12-680	REP	92-03-
32J-125-100	NEW-E	92-14-048	132K-12-150	REP	92-03-031	132K-12-690	REP	92-03-
32J-125-100	NEW-P	92-14-118	132K-12-160	REP	92-03-031	132K-12-700	REP	92-03-
32 <b>J</b> -125-105	NEW-E	92-14-048	132K-12-170	REP	92-03-031	132K-12-710	REP	92-03-
		92-14-048	132K-12-170	REP	92-03-031	132K-12-720	REP	92-03-
32J-125-105	NEW-P				92-03-031	132K-12-725	REP	92-03-
32J-125-110	NEW-E	92-14-048	132K-12-190	REP			REP	92-03-
32J-125-110	NEW-P	92-14-118	132K-12-200	REP	92-03-031	132K-12-730		
32J-125-115	NEW-E	92-14-048	132K-12-220	REP	92-03-031	132K-12-740	REP	92-03-
32J-125-115	NEW-P	92-14-118	132K-12-230	REP	92-03-031	132K-12-750	REP	92-03-
32J-125-120	NEW-E	92-14-048	132K-12-232	REP	92-03-031	132K-12-760	REP	92-03-
32J-125-120	NEW-P	92-14-118	132K-12-234	REP	92-03-031	132K-12-770	REP	92-03-
32J-125-125	NEW-E	92-14-048	132K-12-236	REP	92-03-031	132K-12-780	REP	92-03-
32J-125-125	NEW-P	92-14-118	132K-12-238	REP	92-03-031	132K-12-790	REP	92-03-
32J-125-120	NEW-E	92-14-048	132K-12-240	REP	92-03-031	132K-12-800	REP	92-03-
32J-125-130 32J-125-130	NEW-P	92-14-118	132K-12-240	REP	92-03-031	132K-12-810	REP	92-03-
		92-14-118		REP	92-03-031	132K-12-820	REP	92-03-
32J-125-135	NEW-E		132K-12-244	KEP		l I	REP	92-03-
32J-125-135	NEW-P	92-14-118	132K-12-246	REP	92-03-031	132K-12-830		92-03-
32J-125-140	NEW-E	92-14-048	132K-12-248	REP	92-03-031	132K-12-840	REP	
32J-125-140	NEW-P	92-14-118	132K-12-250	REP	92-03-031	132M-108-010	NEW-P	92-04-
32J-125-145	NEW-E	92-14-048	132K-12-252	REP	92-03-031	132M-108-010	NEW	92-09-
32J-125-145	NEW-P	92-14-118	132K-12-254	REP	92-03-031	132M-108-020	NEW-P	92-04-
32J-125-150	NEW-E	92-14-048	132K-12-256	REP	92-03-031	132M-108-020	NEW	92-09-
32J-125-150	NEW-P	92-14-118	132K-12-258	REP	92-03-031	132M-108-030	NEW-P	92-04-
32J-125-155	NEW-E	92-14-048	132K-12-268	REP	92-03-031	132M-108-030	NEW	92-09-
32J-125-155	NEW-P	92-14-118	132K-12-270	REP	92-03-031	132M-108-040	NEW-P	92-04-
32 <b>J</b> -125-160	NEW-E	92-14-118	132K-12-272	REP	92-03-031	132M-108-040	NEW	92-09-
		92-14-118	132K-12-274	REP	92-03-031	132M-108-050	NEW-P	92-04-
32J-125-160	NEW-P				92-03-031	132M-108-050	NEW	92-09-
32J-125-165	NEW-E	92-14-048	132K-12-276	REP		I	NEW-P	92-04-
32J-125-165	NEW-P	92-14-118	132K-12-278	REP	92-03-031	132M-108-060		
32J-125-170	NEW-E	92-14-048	132K-12-280	REP	92-03-031	132M-108-060	NEW	92-09-
32J-125-170	NEW-P	92-14-118	132K-12-282	REP	92-03-031	132M-108-070	NEW-P	92-04-
32J-125-180	NEW-E	92-14-048	132K-12-284	REP	92-03-031	132M-108-070	NEW	92-09-
32J-125-180	NEW-P	92-14-118	132K-12-286	REP	92-03-031	132M-108-080	NEW-P	92-04-
32J-125-190	NEW-E	92-14-048	132K-12-288	REP	92-03-031	132M-108-080	NEW	92-09-
32J-125-190	NEW-P	92-14-118	132K-12-290	REP	92-03-031	132M-110-130	AMD-P	92-04
32J-125-200	NEW-E	92-14-048	132K-12-300	REP	92-03-031	132M-110-130	AMD	92-09-
32J-125-200	NEW-P	92-14-118	132K-12-310	REP	92-03-031	132M-112-010	REP-P	92-04
32J-125-210	NEW-E	92-14-048	132K-12-320	REP	92-03-031	132M-112-010	REP	92-09-
		92-14-118	132K-12-330	REP	92-03-031	132M-112-011	REP-P	92-04
32J-125-210	NEW-P	92-14-118	132K-12-340	REP	92-03-031	132M-112-011	REP	92-09
32J-125-220	NEW-E				92-03-031	132M-112-011	AMD-P	92-04
32J-125-220	NEW-P	92-14-118	132K-12-350	REP				92-09
32J-125-230	NEW-E	92-14-048	132K-12-360	REP	92-03-031	132M-113-010	AMD	
32J-125-230	NEW-P	92-14-118	132K-12-370	REP	92-03-031	132M-113-015	AMD-P	92-04
32J-125-240	NEW-E	92-14-048	132K-12-380	REP	92-03-031	132M-113-015	AMD	92-09
32J-125-240	NEW-P	92-14-118	132K-12-390	REP	92-03-031	132M-113-020	AMD-P	92-04
32J-125-250	NEW-E	92-14-048	132K-12-400	REP	92-03-031	132M-113-020	AMD	92-09
32J-125-250	NEW-P	92-14-118	132K-12-410	REP	92-03-031	132M-113-025	AMD-P	92-04
32J-125-260	NEW-E	92-14-048	132K-12-420	REP	92-03-031	132M-113-025	AMD	92-09
32J-125-260	NEW-P	92-14-118	132K-12-430	REP	92-03-031	132M-113-030	AMD-P	92-04
32J-125-270	NEW-E	92-14-048	132K-12-440	REP	92-03-031	132M-113-030	AMD	92-09
32J-125-270	NEW-P	92-14-118	132K-12-450	REP	92-03-031	132M-113-035	REP-P	92-04
	NEW-P NEW-E			REP	92-03-031	132M-113-035	REP	92-09
32J-125-280		92-14-048	132K-12-460			132M-113-035	REP-P	92-04
32J-125-280	NEW-P	92-14-118	132K-12-470	REP	92-03-031	1	REP	92-04
32J-125-290	NEW-E	92-14-048	132K-12-480	REP	92-03-031	132M-113-045		
132J-125-290	NEW-P	92-14-118	132K-12-490	REP	92-03-031	132M-113-050	NEW-P	92-04
132J-125-300	NEW-E	92-14-048	132K-12-500	REP	92-03-031	132M-113-050	NEW	92-09
132J-125-300	NEW-P	92-14-118	132K-12-510	REP	92-03-031	132M-113-055	NEW-P	92-04
132J-125-310	NEW-E	92-14-048	132K-12-520	REP	92-03-031	132M-113-055	NEW	92-09
132J-125-310	NEW-P	92-14-118	132K-12-530	REP	92-03-031	132M-115-001	NEW-P	92-04
132K-12-001	REP	92-03-031	132K-12-540	REP	92-03-031	132M-115-001	NEW	92-09
132K-12-001	REP	92-03-031	132K-12-550	REP	92-03-031	132M-115-010	REP-P	92-04
132K-12-010 132K-12-020	REP	92-03-031	132K-12-560	REP	92-03-031	132M-115-010	REP .	92-09
1 72 N = 1 Z=UZU	REP				92-03-031	132M-115-010	REP-P	92-04
	KHP	92-03-031	132K-12-570	REP				
132K-12-030				מיזמ	02 02 021	12284 115 020	DED	(y') fus
132K-12-030 132K-12-040	REP	92-03-031	132K-12-580	REP	92-03-031	132M-115-020	REP	
132K-12-030 132K-12-040 132K-12-050 132K-12-060				REP REP REP	92-03-031 92-03-031 92-03-031	132M-115-020 132M-115-030 132M-115-030	REP REP-P REP	92-09- 92-04- 92-09-

Table [ 10 ]

133M-115-040   REP	WAC #		WSR #	WAC#		WSR #	WAC#	<u>.</u>	WSR #
132M-120-000   AMD-P   2-00-009   132O-0-130   AMD-P   2-10-053   132O-16-048   REP   92-10-058   132M-120-010   AMD-P   2-00-094   132O-0-140   AMD-P   2-10-053   132O-16-048   REP   92-10-058   132D-16-048   REP   92-10-058   132M-120-010   AMD-P   92-10-058   132D-16-048   REP   92-10-058   132M-120-010   AMD-P   92-10-058   132D-0-16-048   REP   92-10-058   132M-120-010   AMD-P   92-10-058   132D-0-16-048   REP   92-10-058   132M-120-020   AMD-P   92-10-058   132D-0-16-048   REP   92-10-058   132M-120-020   AMD-P   92-10-058   132D-0-16-048   REP   92-10-058   132M-120-020   AMD-P   92-10-058   132D-0-16-058   REP   92-10-058   132M-120-020   AMD-P   92-10-058   132D-0-120   AMD-P   92-10-058   132M-120-020   AMD-P   92-10-058   132M-120-020   AMD-P   92-10-058   132D-0-120   AMD-P   92-10-058	132M-115-040	REP-P	92-04-061	1320-04-120	AMD	92-14-038	1320-16-045	RED-D	92-10-058
132M-120									
132M-120-010   AMD-P   92-04-059   1320-01-10   AMD   92-14-038   1320-16-051   REP.P   92-10-058   132M-120-010   AMD-P   92-04-059   1320-01-170   AMD-P   92-14-038   1320-16-051   REP.P   92-10-058   132M-120-020   AMD-P   92-04-059   1320-01-170   AMD-P   92-14-038   1320-16-051   REP.P   92-10-058   132M-120-030   AMD-P   92-04-059   1320-01-170   AMD-P   92-14-038   1320-16-051   REP.P   92-10-058   132M-120-030   AMD-P   92-04-059   1320-01-170   AMD-P   92-14-038   132D-16-057   REP.P   92-14-038   132M-120-030   AMD-P   92-04-059   1320-01-100   AMD-P   92-14-053   132D-16-050   REP.P   92-14-038   132M-120-030   AMD-P   92-04-059   132D-01-100   AMD-P   92-10-053   132D-16-050   REP.P   92-14-038   132M-120-040   AMD-P   92-14-059   132D-01-100   AMD-P   92-10-058							132Q-16-048	REP-P	
132M-120-010   AMD							132Q-16-048		
132M-120-020   AMD-P   92-04-059   132Q-04-170   AMD-P   92-14-038   132Q-16-056   REP-P   92-14-038   132Q-16-056   REP-P   92-14-038   132Q-16-057   REP-P   92-14-038   132				,			132Q-16-051		
132M-120-025   New									
132M-120-050   AMDP   92-04-059   132Q-04-190   AMDP   92-14-038   132Q-16-050   REP   92-16-053   132Q-16-050   AMD   92-04-059   132Q-04-190   AMD   92-14-038   132Q-16-050   REP   92-16-053   132Q-16-160   REP   92-16	132M-120-020	AMD	92-09-094	132Q-04-180	AMD-P		•		
132M-120-030   AMD-P   92-04-059   1320-04-200   AMD-P   92-10-038   1320-16-030   REP   92-10-031   132M-120-040   AMD-P   92-04-059   132Q-04-200   AMD-P   92-10-038   132Q-16-038   REP   92-10-031   132M-120-040   AMD-P   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-16-038   REP   92-10-033   132Q-16-038   REP   92-10-034   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-16-034   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-20-000   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-20-000   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-20-000   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-20-000   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-20-000   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-033   132Q-20-000   AMD-P   92-10-031   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-053   132Q-20-000   AMD-P   92-10-053   132M-120-050   REP   92-04-059   132Q-04-200   AMD-P   92-10-053   132Q-20-000   AMD-P   92-10-053   132M-120-050   REP   92-04-059   132Q-05-050   AMD-P   92-10-052   132Q-20-000   AMD-P   92-10-053   132M-120-050   REP   92-04-059   132Q-05-050   AMD-P   92-10-052   132Q-20-050   AMD-P   92-10-052   132M-120-100   REP   92-04-059   132Q-05-050   AMD-P   92-10-052   132Q-20-050   AMD-P   92-10-052   132M-120-100   REP   92-04-059   132Q-05-050   AMD-P   92-10-052   132Q-20-050   AMD-P   92-10-052   132M-120-100   REP   92-04-059   132Q-05-050   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-052   132M-120-100   REP   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-052   132M-120-100   REP   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-05-000   AMD-P   92-10-053   132M-120-100   REP   92-04-059   132Q-05-060   AMD-P   92-10-053   132Q-0									
132M-120-400   AMDP   92-09-094   132Q-04-200   AMDP   92-10-033   132Q-16-060   REP   92-10-038   132M-120-060   AMDP   92-10-033   132Q-16-060   REP   92-10-038   132M-120-060   REP   92-10-038   132Q-16-063   REP   92-10-038   132M-120-060   REP   92-10-038   132Q-16-063   REP   92-10-038   132M-120-060   REP   92-10-038   132Q-16-063   REP   92-10-038   REP   92-10-039   RE							1		
132M-120-040   AMDP   92-04-059   133Q-04-200   AMDP   92-14-038   132Q-16-033   REP   92-14-031   132M-120-050   REP   92-04-059   133Q-04-210   AMDP   92-14-038   132Q-16-200   AMDP   92-14-038   132Q-16-200   AMDP   92-14-038   132Q-02-000   AMDP   92-14-031   132M-120-050   REP   92-04-059   132Q-04-250   AMDP   92-14-038   132Q-02-000   AMDP   92-10-031   132M-120-055   REP   92-04-059   132Q-04-250   AMDP   92-14-038   132Q-02-000   AMDP   92-10-031   132M-120-055   REP   92-04-059   132Q-04-250   AMDP   92-14-038   132Q-02-000   AMDP   92-10-031   132M-120-050   REP   92-04-059   132Q-04-250   AMDP   92-14-038   132Q-02-000   AMDP   92-10-031   132M-120-050   REP   92-04-059   132Q-04-250   AMDP   92-14-038   132Q-02-000   AMDP   92-10-031   132M-120-050   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-03-000   AMDP   92-10-031   132M-120-050   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-03-000   AMDP   92-10-032   132M-120-050   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-000   AMDP   92-10-032   132M-120-100   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-100   AMDP   92-10-032   132M-120-100   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-100   AMDP   92-10-032   132M-120-100   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132M-120-100   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132M-120-110   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132M-120-110   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132M-120-110   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132M-120-110   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132M-120-110   REP   92-04-059   132Q-03-050   AMDP   92-10-032   132Q-02-110   AMDP   92-10-032   132Q-03-050   AMDP   92-10-032   132Q-03-050   AMDP   92-10-032									
132M-120-069   REP   92-04-059   133Q-04-210   AMD-P   92-10-053   133Q-16-063   REP   92-14-056   132M-120-055   REP   92-04-059   133Q-04-250   AMD-P   92-10-053   133Q-20-200   AMD-P   92-10-051   132M-120-055   REP   92-04-059   132Q-04-250   AMD-P   92-10-053   133Q-20-200   AMD-P   92-10-051   132M-120-055   REP   92-04-059   132Q-04-250   AMD-P   92-10-053   132Q-20-200   AMD-P   92-10-051   132M-120-070   REP   92-04-059   132Q-04-250   AMD-P   92-10-053   132Q-20-200   AMD-P   92-10-051   132M-120-070   REP   92-04-059   132Q-04-250   AMD-P   92-10-053   132Q-20-200   AMD-P   92-10-051   132M-120-050   REP   92-04-059   132Q-04-250   AMD-P   92-10-052   132Q-20-200   AMD-P   92-10-051   132M-120-059   REP   92-04-059   132Q-04-250   AMD-P   92-10-052   132Q-20-200   AMD-P   92-10-052   132M-120-059   REP   92-04-059   132Q-05-050   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-052   132M-120-059   REP   92-04-059   132Q-05-050   AMD-P   92-10-052   132Q-20-110   AMD-P   92-10-051   132M-120-100   REP   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-110   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-110   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-110   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-110   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-110   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-051   132M-120-100   REW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-20   AMD-P   92-10-051   132M-120-							,		
132M-120-05   REP   92-09-094   132Q-04-250   AMD   92-10-053   132Q-20-020   AMD   92-10-051   132M-120-05   NEW   92-09-094   132Q-04-250   AMD   92-10-053   132Q-20-0400   AMD   92-10-051   132M-120-070   REP   92-09-094   132Q-04-260   AMD   92-10-053   132Q-20-060   AMD   92-10-051   132M-120-070   REP   92-09-094   132Q-04-260   AMD   92-10-053   132Q-20-060   AMD   92-10-051   132M-120-070   REP   92-09-094   132Q-04-280   AMD   92-10-053   132Q-20-060   AMD   92-10-051   132M-120-080   REP   92-09-099   132Q-05-050   AMD   92-10-052   132Q-20-060   AMD   92-10-051   132M-120-080   REP   92-09-099   132Q-05-050   AMD   92-10-052   132Q-20-090   AMD   92-10-051   132M-120-080   REP   92-09-099   132Q-05-050   AMD   92-10-052   132Q-20-090   AMD   92-10-051   132M-120-100   REV   92-09-054   132Q-05-060   AMD   92-10-052   132Q-20-100   AMD   92-10-051   132M-120-100   REV   92-09-054   132Q-05-060   AMD   92-10-052   132Q-20-100   AMD   92-10-051   132M-120-100   REV   92-09-054   132Q-05-070   AMD   92-10-052   132Q-20-100   AMD   92-10-051   132M-120-110   REV   92-09-054   132Q-05-070   AMD   92-10-052   132Q-20-100   AMD									
132M-120-055   NEW -P   92-04-059   132Q-04-260   AMD   92-14-038   132Q-20-040   AMD   92-14-038   132Q-20-060   AMD   92-14-036   132M-120-060   NEW -P   92-04-059   132Q-05-060   AMD   92-14-037   132Q-20-110   AMD   92-14-036   132M-120-060   NEW -P   92-04-059   132Q-05-060   AMD   92-14-037   132Q-20-110   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-060   AMD   92-14-057   132Q-20-110   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-060   AMD   92-14-057   132Q-20-100   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-060   AMD   92-14-057   132Q-20-100   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-060   AMD   92-14-057   132Q-20-100   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-060   AMD   92-14-057   132Q-20-100   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-060   AMD   92-14-057   132Q-20-100   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-000   AMD   92-14-057   132Q-20-100   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-100   AMD   92-14-057   132Q-20-200   AMD   92-14-036   132M-120-10   NEW -P   92-04-059   132Q-05-100   AMD   92-14-057   132Q-20-200   AMD   92-14-036   132M-120-200   NEW -P   92-04-059   132Q-05-100   AMD   92-14-057   132Q-20-200   AMD   92-14-036   132M-120-210   NEW -P   92-04-059   132Q-05-100   AMD   92-14-057   132Q-20-200   AMD   92-14-036   132M-120-210   NEW -P   92-04-059   132Q-05-100   AMD   92-14-057   132Q-20-200   AMD   92-14-057   132M-120-10   NEW -P   92-04-059   132Q-05-100   AMD   92-14-057   132M-1									
132M-120-007   REP   92-09-094   132Q-04-260   AMD P   92-10-053   132Q-20-060   AMD P   92-10-051   132M-120-070   REP   92-09-094   132Q-04-280   AMD P   92-10-053   132Q-20-060   AMD P   92-10-051   132M-120-080   REP   92-09-094   132Q-04-280   AMD P   92-10-053   132Q-20-060   AMD P   92-10-051   132M-120-080   REP   92-09-094   132Q-05-060   AMD P   92-10-052   132Q-20-060   AMD P   92-10-051   132M-120-095   NEW P   92-09-094   132Q-05-060   AMD P   92-10-052   132Q-20-090   AMD P   92-10-051   132M-120-095   NEW P   92-09-094   132Q-05-060   AMD P   92-10-052   132Q-20-100   AMD P   92-10-051   132M-120-100   NEW P   92-09-094   132Q-05-060   AMD P   92-10-052   132Q-20-110   AMD P   92-10-051   132M-120-100   NEW P   92-09-094   132Q-05-060   AMD P   92-10-052   132Q-20-110   AMD P   92-10-051   132M-120-110   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-110   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-110   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-110   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-110   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-120   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-120   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-120   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-120   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-103   AMD   92-14-035   132M-120-120   NEW P   92-09-094   132Q-05-070   AMD P   92-10-052   132Q-20-200   AMD   92-14-035   132M-120-120   NEW P   92-09-094   132Q-05-070   AMD   92-14-035   132M-120-120   NEW P   92-09-095   132Q-05-070   AMD   92-14-035   132Q-02-020   AMD   92-14-035   132M-120-120   NEW P   92-09-054   132Q-05-050   AMD									
132M-120-070   REP-P   92-04-059   132Q-04-280   AMD   92-14-038   132Q-20-680   AMD   92-14-038   132Q-20-680   AMD   92-14-038   132Q-20-690   AMD   92-14-037   132Q-20-110   AMD   92-14-031   AMD   92-14									
132M-120-080   REP   92-09-094   132Q-01-280   AMD-P   92-10-035   133Q-20-090   AMD-P   92-10-035   132M-120-080   REP   92-09-094   132Q-05-050   AMD-P   92-10-035   133Q-20-090   AMD-P   92-10-035   132M-120-095   NEW-P   92-09-094   132Q-05-050   AMD-P   92-10-035   132Q-20-100   AMD-P   92-10-035   132M-120-100   NEW-P   92-09-094   132Q-05-060   AMD-P   92-10-035   132Q-20-110   AMD-P   92-10-035   132M-120-100   NEW-P   92-09-094   132Q-05-060   AMD-P   92-10-035   132Q-20-110   AMD-P   92-10-035   132M-120-110   NEW-P   92-09-094   132Q-05-070   AMD-P   92-10-035   132Q-20-110   AMD-P   92-10-035   132M-120-110   NEW-P   92-09-094   132Q-05-070   AMD-P   92-10-035   132Q-20-130   AMD-P   92-10-035   132M-120-110   NEW-P   92-09-094   132Q-05-070   AMD-P   92-10-035   132Q-20-130   AMD-P   92-10-035   132M-120-120   NEW-P   92-09-094   132Q-05-080   AMD-P   92-10-035   132Q-20-130   AMD-P   92-10-035   132M-120-120   NEW-P   92-09-094   132Q-05-080   AMD-P   92-10-035   132Q-20-100   AMD-P   92-10-035   132M-120-120   NEW-P   92-09-094   132Q-05-090   AMD-P   92-10-035   132Q-20-170   AMD-P   92-10-035   132M-120-120   NEW-P   92-09-094   132Q-05-090   AMD-P   92-10-035   132Q-20-170   AMD-P   92-10-035   132Q-120-170   AMD-P   92-10-035   132Q-12									
132M-120-080   REP   92-0-094   132Q-05-050   AMD-P   92-10-052   132Q-20-100   AMD-P   92-10-051   132M-120-055   NEW-P   92-0-0594   132Q-05-060   AMD-P   92-10-051   132Q-20-110   AMD-P   92-10-051   132M-120-100   NEW-P   92-0-0594   132Q-05-060   AMD-P   92-10-051   132Q-20-110   AMD-P   92-10-051   132M-120-110   NEW-P   92-0-0594   132Q-05-070   AMD-P   92-10-051   132Q-20-110   AMD-P   92-10-051   132M-120-110   NEW-P   92-0-0594   132Q-05-070   AMD-P   92-10-051   132Q-20-110   AMD-P   92-10-051   132M-120-120   NEW-P   92-0-0594   132Q-05-080   AMD-P   92-10-051   132Q-20-160   AMD-P   92-10-051   132M-120-120   NEW-P   92-0-0594   132Q-05-080   AMD-P   92-10-051   132Q-20-160   AMD-P   92-10-051   132M-120-130   NEW-P   92-0-0594   132Q-05-090   AMD-P   92-10-051   132Q-20-170   AMD-P   92-10-051   132M-120-130   NEW-P   92-0-0594   132Q-05-090   AMD-P   92-10-051   132Q-20-170   AMD-P   92-10-051   132M-120-130   NEW-P   92-0-0594   132Q-05-100   AMD-P   92-10-051   132Q-20-170   AMD-P   92-10-051   132M-120-120   NEW-P   92-0-0594   132Q-05-100   AMD-P   92-10-051   132Q-20-100   AMD-P   92-10-051   132M-120-200   NEW-P   92-0-0594   132Q-05-100   AMD-P   92-10-051   132Q-20-100   AMD-P   92-10-051   132M-120-200   NEW-P   92-0-0594   132Q-05-120   AMD-P   92-10-051   132Q-20-200   AMD-P   92-10-051   132M-120-200   NEW-P   92-0-0594   132Q-05-120   AMD-P   92-10-051   132Q-20-200   AMD-P   92-10-051   132M-120-200   NEW-P   92-0-0594   132Q-05-020   AMD-P   92-10-051   132Q-20-200   AMD-P   92-10-051   132M-120-200   NEW-P   92-0-0594   132Q-06-020   AMD-P   92-10-051   132Q-20-200   AMD-P   92-10-051   132M-120-300   NEW-P   92-0-0594   132Q-06-020   AMD-P   92-10-051   132Q-10-000   NEW-P   92-0-0590   132Q-16-000   132Q-16-000   NEP-P   92-0-050   132Q-16-000   NEP-P   92-0-050   132Q-16-000								AMD	
132M-120-095   NEW-P   92-04-059   132Q-05-060   AMD   92-14-037   132Q-20-110   AMD-P   92-10-051   132M-120-100   NEW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-130   AMD-P   92-10-051   132M-120-130   AMD-P   92-10-051   132M-120-130   AMD-P   92-10-051   132Q-20-130   AMD-P   92-10-051   132M-120-130   NEW-P   92-04-059   132Q-05-060   AMD-P   92-10-052   132Q-20-160   AMD-P   92-10-051   132M-120-130   NEW-P   92-04-059   132Q-05-090   AMD-P   92-10-052   132Q-20-170   AMD-P   92-10-051   132M-120-130   NEW-P   92-04-059   132Q-05-090   AMD-P   92-10-052   132Q-20-170   AMD-P   92-10-051   132M-120-130   NEW-P   92-04-059   132Q-05-100   AMD-P   92-10-052   132Q-20-200   AMD-P   92-10-051   132M-120-200   NEW-P   92-04-059   132Q-05-100   AMD-P   92-10-051   132M-120-200   NEW-P   92-04-059   132Q-05-120   AMD-P   92-10-051   132M-120-200   NEW-P   92-04-059   132Q-05-120   AMD-P   92-10-051   132M-120-210   NEW-P   92-04-059   132Q-05-120   AMD-P   92-10-051   132M-120-210   NEW-P   92-04-059   132Q-05-120   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-05-020   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-05-020   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-06-020   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-06-020   AMD-P   92-10-051   132M-120-220   AMD-P   92-10-051   132M-120-120   NEW-P   92-04-059   132Q-06-020   AMD-P   92-10-051   132M-120-030   NEW-P   92-04-059   132Q-06-020   AMD-P   92-04-051   132M-120-									
132M-120-095   NEW   92-09-094   132Q-05-660   AMD-P   92-10-052   132Q-02-0130   AMD   92-14-036   132M-120-100   NEW   92-09-094   132Q-05-670   AMD-P   92-10-052   132Q-02-130   AMD   92-14-036   132M-120-110   NEW   92-09-094   132Q-05-670   AMD-P   92-10-052   132Q-02-160   AMD-P   92-10-051   132M-120-120   NEW   92-09-094   132Q-05-680   AMD-P   92-10-052   132Q-02-160   AMD-P   92-10-051   132M-120-120   NEW   92-09-094   132Q-05-680   AMD-P   92-10-052   132Q-02-170   AMD-P   92-10-051   132M-120-130   NEW   92-09-094   132Q-05-690   AMD-P   92-10-052   132Q-02-170   AMD-P   92-10-051   132M-120-130   NEW   92-09-094   132Q-05-690   AMD-P   92-10-052   132Q-02-170   AMD-P   92-10-051   132M-120-130   NEW   92-09-094   132Q-05-100   AMD-P   92-10-052   132Q-02-00   AMD-P   92-10-051   132M-120-100   NEW   92-09-094   132Q-05-100   AMD-P   92-10-052   132Q-02-00   AMD-P   92-10-051   132M-120-20   NEW   92-09-094   132Q-05-100   AMD-P   92-10-052   132Q-02-010   AMD-P   92-10-051   132M-120-20   NEW   92-09-094   132Q-05-120   AMD-P   92-10-052   132Q-02-020   AMD-P   92-10-051   132M-120-20   NEW   92-09-094   132Q-06-200   AMD-P   92-10-057   132Q-02-200   AMD-P   92-10-051   132M-120-20   NEW   92-09-094   132Q-06-200   AMD-P   92-10-057   132Q-02-200   AMD-P   92-10-051   132M-120-20   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-02-200   AMD-P   92-10-051   132M-120-030   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-02-200   AMD-P   92-10-051   132M-120-300   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-02-206   AMD-P   92-10-051   132M-120-300   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-02-206   AMD-P   92-10-051   132M-120-300   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-02-206   AMD-P   92-10-051   132M-120-300   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-02-206   AMD-P   92-10-051   132M-120-300   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-02-206   AMD-P   92-10-051   132M-130-000   NEW   92-09-006   1				-					
132M-120-100   NEW-P   92-04-059   132Q-05-060   AMD-P   92-14-037   132Q-20-130   AMD-P   92-14-036   132M-120-110   NEW-P   92-04-059   132Q-05-070   AMD-P   92-14-037   132Q-20-160   AMD-P   92-14-036   132M-120-110   NEW-P   92-04-059   132Q-05-080   AMD-P   92-14-037   132Q-20-160   AMD-P   92-14-036   132M-120-120   NEW-P   92-04-059   132Q-05-080   AMD-P   92-14-037   132Q-20-160   AMD-P   92-14-036   132M-120-120   NEW-P   92-04-059   132Q-05-090   AMD-P   92-14-037   132Q-20-170   AMD-P   92-14-036   132M-120-130   NEW-P   92-04-059   132Q-05-090   AMD-P   92-14-037   132Q-20-170   AMD-P   92-14-036   132M-120-130   NEW-P   92-04-059   132Q-05-090   AMD-P   92-14-037   132Q-20-170   AMD-P   92-14-036   132M-120-200   NEW-P   92-04-059   132Q-05-100   AMD-P   92-14-037   132Q-20-200   AMD-P   92-14-036   132M-120-200   NEW-P   92-04-059   132Q-05-100   AMD-P   92-14-037   132Q-20-200   AMD-P   92-14-036   132M-120-200   NEW-P   92-04-059   132Q-05-120   AMD-P   92-14-037   132Q-20-210   AMD-P   92-14-036   132M-120-210   NEW-P   92-04-059   132Q-05-120   AMD-P   92-14-037   132Q-20-220   AMD-P   92-14-036   132M-120-220   NEW-P   92-04-059   132Q-05-120   AMD-P   92-14-037   132Q-20-220   AMD-P   92-14-036   132M-120-220   NEW-P   92-04-059   132Q-05-020   AMD-P   92-14-037   132Q-20-220   AMD-P   92-14-036   132M-120-220   NEW-P   92-04-059   132Q-05-020   AMD-P   92-14-037   132Q-20-220   AMD-P   92-14-036   132M-120-220   NEW-P   92-04-059   132Q-05-020   AMD-P   92-14-037   132Q-120-220   AMD-P   92-14-036   132M-120-310   NEW-P   92-04-059   132Q-05-025   AMD-P   92-14-037   132Q-02-220   AMD-P   92-14-036   132M-120-310   NEW-P   92-04-059   132Q-05-025   AMD-P   92-14-037   132Q-02-220   AMD-P   92-14-036   132M-120-310   NEW-P   92-04-059   132Q-05-025   AMD-P   92-14-036   132M-120-310   NEW-P   92-04-059   132Q-05-030   AMD-P   92-14-036   132Q-05-030   AMD-P   92-14-036   132Q-13-030   NEW-P   92-04-059   132Q-05-030   AMD-P   92-14-036   132Q-05-030   AMD-P   92-14-036   132Q-15-030   NEW-									
132M-120-110 NEW-P   92-04-059   132Q-05-980 AMD-P   92-14-031   132Q-20-160 AMD-P   92-14-031   132M-120-110 NEW-P   92-04-059   132Q-05-980 AMD-P   92-14-031   132Q-20-160 AMD-P   92-14-031   132M-120-120 NEW-P   92-04-059   132Q-05-990 AMD-P   92-14-031   132Q-20-170 AMD-P   92-14-031   132M-120-130 NEW-P   92-04-059   132Q-05-990 AMD-P   92-14-031   132Q-20-170 AMD-P   92-14-031   132M-120-130 NEW-P   92-04-059   132Q-05-900 AMD-P   92-14-031   132Q-20-200 AMD-P   92-14-031   132M-120-130 NEW-P   92-04-059   132Q-05-100 AMD-P   92-14-031   132Q-20-200 AMD-P   92-14-031   132M-120-200 NEW-P   92-04-059   132Q-05-100 AMD-P   92-14-031   132Q-20-210 AMD-P   92-14-031   132M-120-210 NEW-P   92-04-059   132Q-05-120 AMD-P   92-14-031   132Q-20-210 AMD-P   92-14-031   132M-120-210 NEW-P   92-04-059   132Q-05-120 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-031   132M-120-210 NEW-P   92-04-059   132Q-05-120 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-031   132M-120-220 NEW-P   92-04-059   132Q-06-020 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-031   132M-120-200 NEW-P   92-04-059   132Q-06-020 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-031   132M-120-200 NEW-P   92-04-059   132Q-06-025 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-036   132M-120-300 NEW-P   92-04-059   132Q-06-030 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-036   132M-120-310 NEW-P   92-04-059   132Q-06-030 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-036   132M-120-310 NEW-P   92-04-059   132Q-06-030 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-036   132M-120-310 NEW-P   92-04-059   132Q-06-030 AMD-P   92-14-031   132Q-20-220 AMD-P   92-14-036   132M-120-310 NEW-P   92-04-059   132Q-06-030 AMD-P   92-14-031   132Q-12-02-050 AMD-P   92-14-036   132M-120-310 NEW-P   92-04-059   132Q-06-030 AMD-P   92-14-031   132Q-12-050 AMD-P   92-14-036   132M-120-310 NEW-P   92-04-059   132Q-06-030 AMD-P   92-14-036   132Q-18-050 AMD-P   92-14-036   132Q-18-050 AMD-P   92-14-036   132Q-18-050 AMD-P   92-14-036   132Q-18-050 AMD-P   92-14-036   132Q-		NEW-P	92-04-059	,					
132M-120-110   NEW   92-09-094   132Q-05-080   AMD   92-10-035   132Q-20-170   AMD   92-10-035   132M-120-120   NEW   92-09-094   132Q-05-090   AMD   92-10-035   132Q-20-170   AMD   92-10-035   132M-120-130   NEW   92-09-094   132Q-05-090   AMD   92-10-035   132Q-20-170   AMD   92-10-035   132M-120-130   NEW   92-09-094   132Q-05-100   AMD   92-10-035   132Q-20-170   AMD   92-10-035   132M-120-130   NEW   92-09-094   132Q-05-100   AMD   92-10-035   132Q-20-100   AMD   92-10-035   132M-120-200   NEW   92-09-094   132Q-05-100   AMD   92-10-035   132Q-20-100   AMD   92-10-035   132M-120-210   NEW   92-09-094   132Q-05-120   AMD   92-10-035   132Q-20-200   AMD   92-10-035   132M-120-210   NEW   92-09-094   132Q-06-020   AMD   92-14-036   132M-120-220   NEW   92-09-094   132Q-06-020   AMD   92-14-036   132M-120-200   NEW   92-09-094   132Q-06-025   AMD   92-14-036   132M-120-310   NEW   92-09-094   132Q-06-030   AMD   92-14-036   132Q-10-036   132M-130-030   NEW   92-09-094   132Q-06-030   AMD   92-14-036   132Q-10-036   132M-130-030   NEW   92-09-094   132Q-10-030   NEW   92-09-094   132Q-10-030   NEW   92-09-094   132Q-06-030   AMD   92-14-041   132Q-110-036   MD   92-14-036   132M-130-030   NEW   92-09-094   132Q-10-030   NEW   92-09-030   132Q-10-030				,					
132M-120-120 NEW   92-00-094   132Q-05-096 AMD   92-14-037   132Q-20-170 AMD   92-14-036   132M-120-130 NEW   92-00-094   132Q-05-090 AMD   92-14-037   132Q-20-170 AMD   92-14-036   132M-120-130 NEW   92-00-094   132Q-05-100 AMD   92-14-037   132Q-20-200 AMD   92-14-036   132M-120-130 NEW   92-00-094   132Q-05-100 AMD   92-14-037   132Q-20-200 AMD   92-14-036   132M-120-200 NEW   92-00-094   132Q-05-100 AMD   92-14-037   132Q-20-200 AMD   92-14-036   132M-120-210 NEW   92-00-094   132Q-05-120 AMD   92-14-037   132Q-20-210 AMD   92-14-036   132M-120-210 NEW   92-00-094   132Q-05-120 AMD   92-14-037   132Q-20-220 AMD   92-14-036   132M-120-220 NEW   92-00-094   132Q-05-120 AMD   92-14-037   132Q-20-220 AMD   92-14-036   132M-120-220 NEW   92-00-095   132Q-05-220 AMD   92-14-037   132Q-20-220 AMD   92-14-036   132M-120-230 NEW   92-00-059   132Q-05-025 AMD   92-14-037   132Q-20-220 AMD   92-14-036   132M-120-330 NEW   92-00-059   132Q-05-025 AMD   92-14-036   132Q-12-020 NEW   92-00-059   132Q-05-025 AMD   92-14-036   132Q-12-200 NEW   92-00-059   132Q-05-030 AMD   92-14-036   132Q-12-200 NEW   92-00-059   132Q-05-030 AMD   92-14-036   132M-120-310 NEW   92-00-059   132Q-05-030 AMD   92-14-036   132Q-12-200 NEW   92-00-059   132Q-05-030 AMD   92-14-036   132M-120-310 NEW   92-00-059   132Q-05-030 AMD   92-14-036   132M-120-320 NEW   92-00-059   132Q-05-040 AMD   92-10-057   132Q-20-250 AMD   92-14-036   132M-120-320 NEW   92-00-059   132Q-05-040 AMD   92-10-057   132Q-20-260 AMD   92-10-051   132M-130-020 NEW   92-00-059   132Q-05-040 AMD   92-10-058   132Q-10-050   132Q-1				•					
132M-120-120 NEW									
132M-120-130 NEW-P   92-04-059   132Q-05-090 AMD   92-14-057   132Q-20-200 AMD-P   92-10-051   132M-120-200 NEW-P   92-04-059   132Q-05-120 AMD-P   92-10-051   132Q-120-200 AMD-P   92-10-051   132M-120-200 NEW-P   92-04-059   132Q-05-120 AMD-P   92-10-051   132Q-120-210 AMD-P   92-10-051   132M-120-210 NEW-P   92-04-059   132Q-05-120 AMD-P   92-10-051   132Q-05-120 AMD-P   92-10-051   132M-120-210 NEW-P   92-04-059   132Q-05-120 AMD-P   92-10-051   132M-120-210 NEW-P   92-04-059   132Q-05-120 AMD-P   92-10-051   132M-120-220 NEW-P   92-04-059   132Q-05-020 AMD-P   92-10-051   132M-120-320 NEW-P   92-04-059   132Q-05-020 AMD-P   92-10-057   132Q-20-220 AMD-P   92-10-051   132M-120-320 NEW-P   92-04-059   132Q-05-020 AMD-P   92-10-057   132Q-20-220 AMD-P   92-10-051   132M-120-300 NEW-P   92-04-059   132Q-05-020 AMD-P   92-10-057   132Q-20-220 AMD-P   92-10-051   132M-120-310 NEW-P   92-04-059   132Q-05-020 AMD-P   92-10-057   132Q-20-250 AMD-P   92-10-051   132M-120-310 NEW-P   92-04-059   132Q-06-030 AMD-P   92-10-057   132Q-20-250 AMD-P   92-10-051   132M-120-310 NEW-P   92-04-059   132Q-06-040 AMD-P   92-10-057   132Q-02-50 AMD-P   92-10-051   132M-120-320 NEW-P   92-04-059   132Q-06-040 AMD-P   92-10-057   132Q-02-50 AMD-P   92-10-051   132M-120-320 NEW-P   92-04-059   132Q-06-040 AMD-P   92-10-057   132Q-02-50 AMD-P   92-10-051   132M-130-00 AMD-P   92-00-051   132Q-15-000 REP-  92-10-058   132Q-110-008 AMD-P   92-10-051   132M-130-00 NEW-P   92-00-051   132Q-16-001 REP-P   92-10-058   132Q-10-008 AMD-P   92-00-051   132M-130-00 NEW-P   92-00-061   132Q-16-012 REP-P   92-10-058   132Q-10-008 REP-  92-10-058   132Q-10-008 REP-  92-10-058   132Q-10-008 REP-  92-10-058   132Q-10-001 REP-  92-00									
132M-120-200   NEW-P   92-04-059   132Q-05-120   AMD   92-14-037   132Q-20-210   AMD-P   92-10-051   132M-120-210   NEW-P   92-04-059   132Q-05-120   AMD-P   92-10-055   132Q-20-220   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-06-220   AMD-P   92-10-057   132Q-20-220   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-06-220   AMD-P   92-10-057   132Q-20-220   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-06-025   AMD-P   92-10-057   132Q-20-220   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-025   AMD-P   92-10-057   132Q-20-220   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-025   AMD-P   92-10-057   132Q-20-220   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132Q-06-020   AMD-P   92-10-057   132Q-20-220   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-057   132Q-20-220   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-057   132Q-20-206   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-057   132Q-20-206   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-057   132Q-20-206   AMD-P   92-10-051   132M-120-020   AMD-P   92-10-051   132Q-10-030   AMD-P   92-10-051   132M-130-020   AMD-P   92-10-051   132Q-10-030   AMD-P   92-10-051   132M-130-020   AMD-P   92-10-051   132Q-10-030   AMD-P   92-10-051   132M-130-020   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-055   132Q-10-030   AMD-P   92-10-051   132M-130-020   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-11-000   AMD-P   92-10-051   132M-130-000   NEW-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-11-000   AMD-P   92-04-067   132M-130-000   NEW-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-130-001   REP-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   REP-P   92-04-067   132M-130-001   REP-P   92-04-067   132Q-16-003   REP-P   92-10-058   132Y-100-048   RE	132M-120-130								
132M-120-200   NEW   92-09-094   132Q-05-120   AMD-P   92-10-052   132Q-20-210   AMD   92-14-036   132M-120-210   NEW   92-09-094   132Q-05-120   AMD   92-14-037   132Q-20-220   AMD   92-10-051   132M-120-220   NEW   92-09-094   132Q-06-020   AMD   92-14-042   132Q-20-240   AMD   92-14-036   132M-120-220   NEW   92-09-094   132Q-06-025   AMD   92-14-042   132Q-20-240   AMD   92-14-036   132M-120-300   NEW   92-09-0994   132Q-06-025   AMD   92-14-042   132Q-20-220   AMD   92-14-036   132M-120-300   NEW   92-09-0994   132Q-06-030   AMD   92-14-042   132Q-20-250   AMD   92-14-036   132M-120-310   NEW   92-09-094   132Q-06-030   AMD   92-14-042   132Q-20-250   AMD   92-14-036   132M-120-310   NEW   92-09-094   132Q-06-030   AMD   92-14-042   132Q-20-260   AMD   92-14-036   132M-120-310   NEW   92-09-094   132Q-06-040   AMD   92-14-042   132Q-20-260   AMD   92-14-036   132M-120-320   NEW   92-09-094   132Q-06-040   AMD   92-14-042   132Q-20-260   AMD   92-14-036   132M-120-320   NEW   92-09-094   132Q-12-010   AMD   92-14-042   132Q-10-080   AMD   92-14-036   132M-136-020   AMD   92-09-063   132Q-16-030   AMD   92-14-042   132Q-10-080   AMD   92-14-036   132M-136-020   AMD   92-09-063   132Q-16-030   REP   92-10-056   132Q-10-056   AMD   92-14-036   132M-136-060   AMD   92-09-009   132Q-16-003   REP   92-10-058   132Q-113-010   AMD   92-14-036   132M-136-060   AMD   92-09-009   132Q-16-003   REP   92-14-043   132Y-110-008   AMD   92-09-057   132M-136-100   NEW   92-09-009   132Q-16-006   REP   92-14-043   132Y-100-010   REP   92-04-067   132M-136-100   NEW   92-09-009   132Q-16-009   REP   92-14-043   132Y-100-010   REP   92-04-067   132M-136-010   AMD   92-09-009   132Q-16-010   REP   92-14-043   132Y-100-010   REP   92-09-055   132M-136-010   NEW   92-09-009   132Q-16-010   REP   92-14-043   132Y-100-010   REP   92-04-067   132M-130-010   NEW   92-09-009   132Q-16-010   REP   92-14-043   132Y-100-010   REP   92-04-067   132M-130-010   NEW   92-09-009   132Q-16-018   REP   92-14-043   132Y-100-010   REP   92-04-0									
132M-120-210   NEW-P   92-04-059   132Q-05-020   AMD-P   92-10-051   132M-120-220   NEW   92-09-094   132Q-06-020   AMD-P   92-10-051   132Q-20-220   AMD-P   92-10-051   132M-120-220   NEW-P   92-04-059   132Q-06-020   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-025   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-025   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-040   AMD-P   92-10-051   132M-120-050   AMD-P   92-10-051   132M-130-030   NEW-P   92-04-059   132Q-06-040   AMD-P   92-10-051   132M-136-020   AMD-P   92-04-063   132Q-12-010   AMD-P   92-10-056   132Q-13-08-050   AMD-P   92-10-051   132M-136-020   AMD-P   92-04-063   132Q-12-010   AMD-P   92-10-056   132Q-13-010   AMD-P   92-10-055   132M-136-020   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-16-006   132M-136-000   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-16-006   132M-136-000   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-000   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-000   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-000   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-000   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-130-010   REP-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   REP-P   92-04-067   132M-130-010   REP-P   92-04-067   132M-130-010   REP-P   92-04-067   132Q-16-003   REP-P   92-10-058   132Y									
132M-120-210   NEW   92-09-094   132Q-06-020   AMD-P   92-10-057   132Q-20-240   AMD-P   92-10-051   132M-120-220   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-20-240   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-025   AMD-P   92-10-057   132Q-20-250   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-025   AMD-P   92-10-057   132Q-20-250   AMD-P   92-10-051   132M-120-300   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-057   132Q-20-250   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132Q-06-030   AMD-P   92-10-057   132Q-20-260   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132Q-06-040   AMD-P   92-10-051   132Q-20-260   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-040   AMD-P   92-10-051   132Q-12-080   AMD-P   92-10-051   132M-136-020   AMD-P   92-04-063   132Q-12-010   AMD-P   92-10-055   132Q-13-080   AMD-P   92-10-055   132M-136-020   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-10-055   132M-136-000   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-000   AMD-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-008   RAD-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-10-058   132Y-100-008   REP-P   92-04-067   132M-140-010   REP-P   92-04-067   132Q-16-003   REP-P   92-10-058   132Y-100-048									
132M-120-220   NEW   92-09-094   132Q-06-025   AMD-P   92-10-057   132Q-20-240   AMD   92-14-036   132M-120-300   NEW   92-09-094   132Q-06-030   AMD-P   92-10-057   132Q-20-250   AMD-P   92-10-051   132M-120-310   NEW   92-09-094   132Q-06-030   AMD-P   92-10-057   132Q-20-260   AMD-P   92-10-051   132M-120-310   NEW   92-09-094   132Q-06-040   AMD-P   92-10-057   132Q-20-260   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-040   AMD-P   92-10-057   132Q-20-260   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-059   132Q-06-040   AMD-P   92-10-057   132Q-20-260   AMD-P   92-10-054   132M-120-320   NEW   92-09-094   132Q-106-040   AMD-P   92-10-056   132Q-108-050   AMD-P   92-10-054   132M-136-020   AMD-P   92-04-063   132Q-12-010   AMD-P   92-10-056   132Q-108-050   AMD-P   92-10-055   132M-136-020   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-10-055   132M-136-060   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-060   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-064   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-160-010   AMD-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-010   NEW-P   92-04-066   132Q-16-015   REP-P   92-10-058   132Y-100-040   R		NEW	92-09-094	132Q-06-020	AMD-P				
132M-120-300   NEW-P   92-04-059   132\(\tilde{Q}\)-60-030   AMD-P   92-14-042   132\(\tilde{Q}\)-20-250   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132\(\tilde{Q}\)-60-030   AMD-P   92-10-057   132\(\tilde{Q}\)-20-250   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132\(\tilde{Q}\)-60-030   AMD-P   92-10-057   132\(\tilde{Q}\)-20-260   AMD-P   92-10-051   132M-120-310   NEW-P   92-04-059   132\(\tilde{Q}\)-60-040   AMD-P   92-10-057   132\(\tilde{Q}\)-20-260   AMD-P   92-10-051   132M-120-320   NEW-P   92-04-063   132\(\tilde{Q}\)-10-040   AMD-P   92-10-056   132\(\tilde{Q}\)-108-050   AMD-P   92-10-056   132\(\tilde{Q}\)-138-050   AMD-P   92-10-058   132\(\tilde{Q}\)-138-050   AMD-P   92-10-058   132\(\tilde{Q}\)-138-050   AMD-P   92-10-058   132\(\tilde{Q}\)-138-050   AMD-P   92-10-058   132\(\tilde{Q}\)-138-050   AMD-P   92-10-056   132\(\tilde{Q}\)-138-050   AMD-P   92-10-056   132\(\tilde{Q}\)-138-050   AMD-P   92-10-058   132\(\tilde{Q}\)-138-100   NEW-P   92-10-058   132\(\tilde{Q}\)-138-100   NEW-P   92-10-058   132\(\tilde{Q}\)-138-100   NEW-P   92-10-058   132\(\tilde{Q}\)-138-100   NEW-P   92-00-009   132\(\tilde{Q}\)-16-006   REP-P   92-10-058   132\(\tilde{Q}\)-100-008   AMD-P   92-00-055   132\(\tilde{Q}\)-14-040   REP-P   92-10-058   132\(\tilde{Q}\)-100-008   AMD-P   92-00-055   132\(\tilde{Q}\)-14-040   REP-P   92-10-058   132\(\tilde{Q}\)-100-008   AMD-P   92-00-055   132\(\tilde{Q}\)-14-043   132\(\tilde{Q}\)-100-008   AMD-P   92-00-055   132\(\tilde{Q}\)-14-043   132\(\tilde{Q}\)-100-008   AMD-P   92-00-055   132\(\tilde{Q}\)-14-043   132\(\tilde{Q}\)-100-008   REP-P   92-10-058   132\(\tilde{Q}\)-100-008   REP-P   92-00-055   132\(\tilde{Q}\)-100-008   REP-P   92-10-058   132\(\tilde{Q}\)-									
132M-120-300   NEW   92-09-094   132Q-06-030   AMD-P   92-10-057   132Q-20-250   AMD   92-14-036   132M-120-310   NEW-P   92-09-094   132Q-06-030   AMD-P   92-10-057   132Q-20-260   AMD-P   92-10-036   132M-120-310   NEW-P   92-09-094   132Q-06-040   AMD-P   92-10-057   132Q-20-260   AMD-P   92-10-036   132M-120-320   NEW-P   92-09-094   132Q-06-040   AMD-P   92-10-056   132Q-108-050   AMD-P   92-10-054   132Q-108-050   AMD-P   92-10-056   132Q-108-050   AMD-P   92-10-055   132M-136-020   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-10-005   132M-136-060   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   NEW-P   92-04-067   132M-136-060   AMD-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-09-055   132M-140-010   REP-P   92-04-064   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-09-055   132M-160-010   AMD-P   92-04-064   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-010   NEW-P   92-04-064   132Q-16-012   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-066   132Q-16-012   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132									
132M-120-310   NEW-P   92-04-059   132Q-06-040   AMD-P   92-14-042   132Q-20-260   AMD-P   92-10-051   132M-120-320   NEW   92-09-094   132Q-06-040   AMD-P   92-14-042   132Q-108-050   AMD-P   92-10-054   132M-120-320   NEW-P   92-04-059   132Q-06-040   AMD-P   92-14-042   132Q-108-050   AMD-P   92-10-054   132M-130-020   NEW-P   92-04-063   132Q-12-010   AMD-P   92-10-056   132Q-108-050   AMD-P   92-10-055   132M-136-020   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-10-055   132M-136-060   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-16-006   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-009   REP-P   92-14-043   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-14-043   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-066   132Q-16-012   REP-P   92-14-043   132Y-100-028   AMD-P   92-04-067   132M-140-010   REP-P   92-04-066   132Q-16-015   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-300-001   NEW-P   92-04-066   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-066   132Q-16-015   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-010   REW-P   92-04-066   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   13									
132M-120-310   NEW   92-09-094   132Q-06-040   AMD-P   92-10-057   132Q-20-260   AMD   92-14-039   132M-120-320   NEW   92-09-094   132Q-06-040   AMD   92-10-056   132Q-108-050   AMD-P   92-10-054   132Q-108-050   AMD   92-14-039   132M-136-020   AMD-P   92-09-003   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-14-040   132M-136-060   AMD-P   92-09-009   132Q-16-003   REP-P   92-10-058   132R-117-010   NEW-P   92-16-006   132M-136-060   AMD   92-14-040   132M-136-060   AMD   92-14-040   132M-136-060   AMD   92-09-009   132Q-16-006   REP-P   92-14-043   132R-117-010   NEW-P   92-04-066   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-14-043   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-14-043   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW   92-09-009   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-136-100   REP-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-14-043   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-066   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-066   132Q-16-021   REP-P   92-10-058   132Y-100-044   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-048   RE									
132M-120-320   NEW   92-09-094   132Q-12-010   AMD-P   92-10-056   132Q-108-050   AMD   92-14-039   132M-136-020   AMD-P   92-04-063   132Q-12-010   AMD   92-14-041   132Q-113-010   AMD-P   92-10-055   132M-136-060   AMD   92-09-009   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-16-006   132M-136-060   AMD   92-09-009   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-14-043   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-009   REP-P   92-14-043   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-14-043   132Y-100-010   REP-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-012   REP-P   92-14-043   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-012   REP-P   92-14-043   132Y-100-028   AMD-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-14-043   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-14-043   132Y-100-040   REP-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-14-043   132Y-100-040   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-021   REP-P   92-14-043   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-021   REP-P   92-14-043   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-							132Q-20-260	AMD	
132M-136-020   AMD-P   92-04-063   132Q-12-010   AMD   92-14-041   132Q-113-010   AMD-P   92-10-055   132M-136-060   AMD-P   92-09-009   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD-P   92-14-040   132M-136-060   AMD-P   92-04-063   132Q-16-006   REP-P   92-14-043   132R-117-010   NEW-P   92-04-067   132M-136-060   NEW-P   92-04-063   132Q-16-006   REP-P   92-14-043   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-14-043   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-09-009   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-09-055   132M-140-010   REP-P   92-09-009   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-064   132Q-16-015   REP-P   92-14-043   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-010   NEW-P   92-04-066   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-066   132Q-16-021   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-020   NEW-P   92-04-066   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-030   NEW-P   92-04-066   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-030   NEW-P   92-04-066   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-066   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-066   132Q-16-033   REP-P   92-10-058   1									
132M-136-020   AMD   92-09-009   132Q-16-003   REP-P   92-10-058   132Q-113-010   AMD   92-14-040   132M-136-060   AMD-P   92-04-063   132Q-16-003   REP-P   92-10-058   132Y-100-008   AMD-P   92-16-066   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-09-055   132M-136-100   NEW-P   92-09-009   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-09-055   132M-140-010   REP-P   92-09-009   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-09-009   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-160-010   AMD-P   92-09-008   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-09-055   132M-160-010   AMD-P   92-04-064   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-09-055   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-09-055   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-012   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-066   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132Q-16-030   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-04-067   132Q-16-030   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q									
132M-136-060   AMD-P   92-04-063   132Q-16-003   REP   92-14-043   132R-117-010   NEW-P   92-16-006   132M-136-060   AMD   92-09-009   132Q-16-006   REP-P   92-10-058   132Y-100-008   AMD-P   92-04-067   132M-136-100   NEW-P   92-04-063   132Q-16-006   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-062   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-018   REP-P   92-14-043   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-072   AMD-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-072   AMD-P   92-04-067   132Q-04-095   AMD-P   92-04-067   132Q-04-095   AMD-P   92-04-067   132Q									
132M-136-100   NEW-P   92-04-063   132Q-16-006   REP   92-14-043   132Y-100-008   AMD   92-09-055   132M-136-100   NEW   92-09-009   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW   92-09-092   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-14-043   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-021   REP-P   92-14-043   132Y-100-040   REP-P   92-09-055   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-14-043   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-048   REP-P   92-09-055   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-09-055   132M-400-020   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132Q-04-020   AMD-P   92-04-067   132Q-04-020   AMD-P   92-00-055   132Q-16-033   REP-P   92-10-058   132Y-100-104   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-0						00 44 040			
132M-136-100   NEW   92-09-009   132Q-16-009   REP-P   92-10-058   132Y-100-010   REP-P   92-04-067   132M-140-010   REP-P   92-04-063   132Q-16-012   REP-P   92-10-058   132Y-100-010   REP   92-09-055   132M-140-010   REP   92-09-005   132Q-16-012   REP   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-015   REP-P   92-10-058   132Y-100-028   AMD-P   92-09-055   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-14-043   132Y-100-036   REP-P   92-09-055   132M-300-001   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-021   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-033   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-033   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-033   REP-P   92-10-058   132Y-100-1									
132M-140-010   REP-P   92-04-063   132Q-16-009   REP   92-14-043   132Y-100-010   REP   92-09-055   132M-140-010   REP   92-09-009   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD   92-09-008   132Q-16-015   REP-P   92-10-058   132Y-100-026   AMD   92-09-055   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW   92-09-092   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-010   NEW   92-09-092   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-09-055   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-09-055   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-072   AMD-P   92-04-067   132Q-04-020   AMD-P   92-04-067   132Q-16-033   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-112   AMD									
132M-140-010   REP   92-09-009   132Q-16-012   REP-P   92-10-058   132Y-100-028   AMD-P   92-04-067   132M-160-010   AMD-P   92-04-062   132Q-16-015   REP-P   92-10-058   132Y-100-028   AMD   92-09-055   132M-160-010   AMD   92-09-008   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-09-055   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-09-055   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-09-055   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-072   AMD-P   92-04-067   132Q-04-020   AMD-P   92-04-063   132Q-16-033   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-033   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-104   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-039   REP-P   92-10-058   132Y-100-112   AMD-P   92-04-067   132Q-04-096   NEW-P   92-10-053   132Q-16-039   REP-P   92-10-058   132Y-100-11				,			l .		
132M-160-010   AMD-P   92-04-062   132Q-16-012   REP   92-14-043   132Y-100-028   AMD   92-09-055   132M-160-010   AMD   92-09-008   132Q-16-015   REP-P   92-10-058   132Y-100-036   REP-P   92-04-067   132M-300-001   NEW-P   92-04-064   132Q-16-018   REP   92-14-043   132Y-100-036   REP   92-09-055   132M-300-010   NEW   92-09-092   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW-P   92-04-064   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP   92-09-055   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-14-043   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-072   AMD-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-072   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-033   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-033   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-039   REP-P   92-10-058   132Y-100-112   AMD-P									
132M-300-001   NEW-P   92-04-064   132Q-16-015   REP   92-14-043   132Y-100-036   REP   92-09-055   132M-300-010   NEW   92-09-092   132Q-16-018   REP-P   92-10-058   132Y-100-040   REP-P   92-04-067   132M-300-010   NEW   92-09-092   132Q-16-021   REP-P   92-10-058   132Y-100-040   REP   92-09-055   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-14-043   132Y-100-044   AMD-P   92-04-067   132M-400-010   NEW-P   92-04-060   132Q-16-021   REP-P   92-10-058   132Y-100-044   AMD   92-09-055   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-048   REP-P   92-04-067   132M-400-020   NEW-P   92-04-060   132Q-16-024   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-030   NEW-P   92-04-060   132Q-16-027   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-066   NEW-P   92-04-067   132M-400-040   NEW-P   92-04-060   132Q-16-030   REP-P   92-10-058   132Y-100-072   AMD-P   92-04-067   132Q-04-020   AMD-P   92-09-006   132Q-16-030   REP-P   92-10-058   132Y-100-010   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-020   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-100   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-104   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-104   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-036   REP-P   92-10-058   132Y-100-104   AMD-P   92-04-067   132Q-04-095   AMD-P   92-10-053   132Q-16-039   REP-P   92-10-058   132Y-100-112   AMD-P   92-04-067   132Q-04-096   NEW-P   92-10-053   132Q-16-039   REP-P   92-10-058   132Y-100-112   AMD-P   92-04-067   132Q-04-096   NEW-P   92-10-053   132Q-16-039   REP-P   92-10-058   132Y-100-112   AMD-P		AMD-P	92-04-062				ſ		
132M-300-001         NEW         92-09-092         132Q-16-018         REP-P         92-10-058         132Y-100-040         REP-P         92-04-067           132M-300-010         NEW-P         92-04-064         132Q-16-018         REP         92-14-043         132Y-100-040         REP         92-09-055           132M-300-010         NEW         92-09-092         132Q-16-021         REP-P         92-10-058         132Y-100-044         AMD-P         92-04-067           132M-400-010         NEW-P         92-04-060         132Q-16-021         REP-P         92-10-058         132Y-100-044         AMD         92-09-055           132M-400-010         NEW         92-09-006         132Q-16-024         REP-P         92-10-058         132Y-100-044         AMD         92-09-055           132M-400-020         NEW-P         92-04-060         132Q-16-024         REP-P         92-10-058         132Y-100-048         REP-P         92-04-067           132M-400-020         NEW         92-09-006         132Q-16-027         REP         92-10-058         132Y-100-048         REP-P         92-04-067           132M-400-030         NEW-P         92-04-060         132Q-16-027         REP         92-10-058         132Y-100-066         NEW-P         92-04-067									
132M-300-010         NEW-P         92-04-064         132Q-16-018         REP         92-14-043         132Y-100-040         REP         92-09-055           132M-300-010         NEW         92-09-092         132Q-16-021         REP-P         92-10-058         132Y-100-044         AMD-P         92-04-067           132M-400-010         NEW-P         92-04-060         132Q-16-024         REP-P         92-10-058         132Y-100-044         AMD         92-09-055           132M-400-010         NEW         92-09-006         132Q-16-024         REP-P         92-10-058         132Y-100-048         REP-P         92-04-067           132M-400-020         NEW-P         92-04-060         132Q-16-024         REP-P         92-14-043         132Y-100-048         REP-P         92-09-055           132M-400-020         NEW         92-09-006         132Q-16-027         REP-P         92-10-058         132Y-100-048         REP         92-04-067           132M-400-030         NEW-P         92-04-060         132Q-16-027         REP         92-14-043         132Y-100-066         NEW-P         92-09-005           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP-P         92-10-058         132Y-100-072         AMD-P         92-04-067 </td <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>				1					
132M-300-010         NEW         92-09-092         132Q-16-021         REP-P         92-10-058         132Y-100-044         AMD-P         92-04-067           132M-400-010         NEW-P         92-04-060         132Q-16-021         REP         92-14-043         132Y-100-044         AMD         92-09-055           132M-400-010         NEW         92-09-006         132Q-16-024         REP-P         92-10-058         132Y-100-048         REP-P         92-04-067           132M-400-020         NEW-P         92-04-060         132Q-16-024         REP         92-14-043         132Y-100-048         REP-P         92-09-055           132M-400-020         NEW         92-09-006         132Q-16-027         REP-P         92-10-058         132Y-100-048         REP         92-09-055           132M-400-030         NEW-P         92-04-060         132Q-16-027         REP         92-14-043         132Y-100-066         NEW-P         92-04-067           132M-400-040         NEW-P         92-09-006         132Q-16-030         REP-P         92-10-058         132Y-100-066         NEW-P         92-04-067           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP-P         92-10-058         132Y-100-072         AMD-P         92-04-067 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
132M-400-010         NEW         92-09-006         132Q-16-024         REP-P         92-10-058         132Y-100-048         REP-P         92-04-067           132M-400-020         NEW-P         92-04-060         132Q-16-024         REP         92-14-043         132Y-100-048         REP         92-09-055           132M-400-020         NEW         92-09-006         132Q-16-027         REP-P         92-10-058         132Y-100-066         NEW-P         92-04-067           132M-400-030         NEW-P         92-04-060         132Q-16-027         REP-P         92-14-043         132Y-100-066         NEW-P         92-09-055           132M-400-030         NEW         92-09-006         132Q-16-030         REP-P         92-10-058         132Y-100-066         NEW         92-09-055           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP         92-14-043         132Y-100-072         AMD-P         92-04-067           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP         92-14-043         132Y-100-072         AMD         92-04-067           132Q-04-020         AMD-P         92-10-053         132Q-16-033         REP-P         92-10-058         132Y-100-100         AMD-P         92-04-067				_					
132M-400-020         NEW-P         92-04-060         132Q-16-024         REP         92-14-043         132Y-100-048         REP         92-09-055           132M-400-020         NEW         92-09-006         132Q-16-027         REP-P         92-10-058         132Y-100-066         NEW-P         92-04-067           132M-400-030         NEW-P         92-04-060         132Q-16-027         REP         92-14-043         132Y-100-066         NEW-P         92-09-055           132M-400-030         NEW         92-09-006         132Q-16-030         REP-P         92-10-058         132Y-100-072         AMD-P         92-04-067           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP-P         92-14-043         132Y-100-072         AMD-P         92-04-067           132M-400-040         NEW-P         92-09-006         132Q-16-030         REP-P         92-14-043         132Y-100-072         AMD-P         92-09-055           132Q-04-020         AMD-P         92-10-053         132Q-16-033         REP-P         92-10-058         132Y-100-100         AMD-P         92-09-055           132Q-04-020         AMD-P         92-10-053         132Q-16-036         REP-P         92-10-058         132Y-100-100         AMD-P         92-04-067				,				AMD	
132M-400-020         NEW         92-09-006         132Q-16-027         REP-P         92-10-058         132Y-100-066         NEW-P         92-04-067           132M-400-030         NEW-P         92-04-060         132Q-16-027         REP         92-14-043         132Y-100-066         NEW-P         92-09-055           132M-400-030         NEW         92-09-006         132Q-16-030         REP-P         92-10-058         132Y-100-072         AMD-P         92-04-067           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP         92-14-043         132Y-100-072         AMD         92-09-055           132M-400-040         NEW         92-09-006         132Q-16-033         REP         92-14-043         132Y-100-072         AMD         92-09-055           132Q-04-020         AMD-P         92-10-053         132Q-16-033         REP         92-14-043         132Y-100-100         AMD-P         92-04-067           132Q-04-020         AMD         92-14-038         132Q-16-036         REP-P         92-14-043         132Y-100-100         AMD-P         92-04-067           132Q-04-095         AMD-P         92-10-053         132Q-16-036         REP-P         92-14-043         132Y-100-104         AMD-P         92-04-067				•					
132M-400-030         NEW-P         92-04-060         132Q-16-027         REP         92-14-043         132Y-100-066         NEW         92-09-055           132M-400-030         NEW         92-09-006         132Q-16-030         REP-P         92-10-058         132Y-100-072         AMD-P         92-04-067           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP         92-14-043         132Y-100-072         AMD         92-09-055           132M-400-040         NEW         92-09-006         132Q-16-033         REP-P         92-10-058         132Y-100-072         AMD         92-09-055           132Q-04-020         AMD-P         92-10-053         132Q-16-033         REP-P         92-10-058         132Y-100-100         AMD-P         92-04-067           132Q-04-020         AMD         92-14-038         132Q-16-036         REP-P         92-10-058         132Y-100-104         AMD-P         92-04-067           132Q-04-095         AMD-P         92-10-053         132Q-16-036         REP-P         92-10-058         132Y-100-104         AMD-P         92-04-067           132Q-04-095         AMD         92-14-038         132Q-16-039         REP         92-10-058         132Y-100-112         AMD-P         92-04-067				-					
132M-400-030         NEW         92-09-006         132Q-16-030         REP-P         92-10-058         132Y-100-072         AMD-P         92-04-067           132M-400-040         NEW-P         92-04-060         132Q-16-030         REP         92-14-043         132Y-100-072         AMD         92-09-055           132M-400-040         NEW         92-09-006         132Q-16-033         REP-P         92-10-058         132Y-100-100         AMD-P         92-04-067           132Q-04-020         AMD-P         92-10-053         132Q-16-033         REP         92-14-043         132Y-100-100         AMD         92-09-055           132Q-04-020         AMD         92-14-038         132Q-16-036         REP-P         92-10-058         132Y-100-100         AMD-P         92-04-067           132Q-04-095         AMD-P         92-10-053         132Q-16-036         REP-P         92-14-043         132Y-100-104         AMD-P         92-09-055           132Q-04-095         AMD         92-14-038         132Q-16-036         REP         92-14-043         132Y-100-104         AMD         92-09-055           132Q-04-095         AMD         92-14-038         132Q-16-039         REP-P         92-10-058         132Y-100-112         AMD-P         92-04-067 <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr<>									
132M-400-040         NEW         92-09-006         132Q-16-033         REP-P         92-10-058         132Y-100-100         AMD-P         92-04-067           132Q-04-020         AMD-P         92-10-053         132Q-16-033         REP         92-14-043         132Y-100-100         AMD         92-09-055           132Q-04-020         AMD         92-14-038         132Q-16-036         REP-P         92-10-058         132Y-100-104         AMD-P         92-04-067           132Q-04-095         AMD-P         92-10-053         132Q-16-036         REP         92-14-043         132Y-100-104         AMD         92-09-055           132Q-04-095         AMD         92-14-038         132Q-16-039         REP-P         92-10-058         132Y-100-112         AMD-P         92-04-067           132Q-04-096         NEW-P         92-10-053         132Q-16-039         REP-P         92-10-058         132Y-100-112         AMD-P         92-04-067           132Q-04-096         NEW-P         92-10-053         132Q-16-039         REP         92-14-043         132Y-100-112         AMD-P         92-09-055	132M-400-030	NEW	92-09-006	132Q-16-030	REP-P				
132Q-04-020       AMD-P       92-10-053       132Q-16-033       REP       92-14-043       132Y-100-100       AMD       92-09-055         132Q-04-020       AMD       92-14-038       132Q-16-036       REP-P       92-10-058       132Y-100-104       AMD-P       92-04-067         132Q-04-095       AMD-P       92-10-053       132Q-16-036       REP       92-14-043       132Y-100-104       AMD       92-09-055         132Q-04-095       AMD       92-14-038       132Q-16-039       REP-P       92-10-058       132Y-100-112       AMD-P       92-04-067         132Q-04-096       NEW-P       92-10-053       132Q-16-039       REP       92-14-043       132Y-100-112       AMD       92-09-055				132Q-16-030					
132Q-04-020       AMD       92-14-038       132Q-16-036       REP-P       92-10-058       132Y-100-104       AMD-P       92-04-067         132Q-04-095       AMD-P       92-10-053       132Q-16-036       REP       92-14-043       132Y-100-104       AMD       92-09-055         132Q-04-095       AMD       92-14-038       132Q-16-039       REP-P       92-10-058       132Y-100-112       AMD-P       92-04-067         132Q-04-096       NEW-P       92-10-053       132Q-16-039       REP       92-14-043       132Y-100-112       AMD       92-09-055									
132Q-04-095     AMD-P     92-10-053     132Q-16-036     REP     92-14-043     132Y-100-104     AMD     92-09-055       132Q-04-095     AMD     92-14-038     132Q-16-039     REP-P     92-10-058     132Y-100-112     AMD-P     92-04-067       132Q-04-096     NEW-P     92-10-053     132Q-16-039     REP     92-14-043     132Y-100-112     AMD     92-09-055	•						I .		
132Q-04-095         AMD         92-14-038         132Q-16-039         REP-P         92-10-058         132Y-100-112         AMD-P         92-04-067           132Q-04-096         NEW-P         92-10-053         132Q-16-039         REP         92-14-043         132Y-100-112         AMD         92-09-055									
	132Q-04-095	AMD	92-14-038	132Q-16-039	REP-P	92-10-058			
- 1570-184-190 NEW 97-14-03X   1370-16-1827 REP_P 97-16-05X   1379-160-116 AMIN D 03.04.047							<b> </b>		
132Q-04-120 AMD-P 92-10-053 132Q-16-042 REP 92-14-043 132Y-100-116 AMD 92-09-055					REP-P RFP	92-10-058 92-14-043	132Y-100-116	AMD-P	92-04-067 92-09-055
132Q-04-120 AMID-1 92-10-035 1 132Q-10-042 REF 92-14-045 1 1321-100-110 AMID 92-09-055	1520-04 120		)	, 152Q 10-042		<i>&gt;≥</i> 1 <del>1 013</del>	. 1521-100-110	TIMI	

[ 11 ] Table

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
132Y-100-120	AMD-P	92-04-067	172-65-050	AMD	92-09-103	172-124-210	REP	92-09-105
132Y-100-120	AMD	92-09-055	172-65-060	AMD-P	92-05-054	172-124-220	REP-P	92-05-056
136-01-010	AMD-P	92-08-068	172-65-060	AMD	92-09-103	172-124-220	REP	92-09-105
136-01-010	AMD	92-13-036	172-65-070	AMD-P	92-05-054	172-136-010	AMD-P	92-16-063
136-01-020	AMD-P	92-08-068	172-65-070	AMD	92-09-103	172-136-015	NEW-P	92-16-063
136-01-020	AMD	92-13-036	172-65-080	AMD-P	92-05-054	172-136-020	REP-P	92-16-063
136-01-020	AMD-P	92-08-068	172-65-080	AMD	92-09-103	172-136-030	AMD-P	92-16-063
	AMD-F AMD	92-13-036	172-65-090	AMD-P	92-05-054	172-136-040	AMD-P	92-16-063
136-01-030			172-65-090	AMD	92-09-103	172-136-050	AMD-P	92-16-063
136-03-010	NEW-P	92-08-069			92-04-084	172-136-060	AMD-P	92-16-063
136-03-010	NEW	92-13-037	172-108-010	NEW-P		172-136-000	AMD-P	92-16-063
136-03-020	NEW-P	92-08-069	172-108-010	NEW	92-09-100			92-16-06
136-03-020	NEW	92-13-037	172-108-020	NEW-P	92-04-084	172-136-080	AMD-P	
136-03-030	NEW-P	92-08-069	172-108-020	NEW	92-09-100	172-136-090	AMD-P	92-16-06
136-03-030	NEW	92-13-037	172-108-030	NEW-P	92-04-084	172-136-100	AMD-P	92-16-06
136-03-040	NEW-P	92-08-069	172-108-030	NEW	92-09-100	172-136-110	AMD-P	92-16-06
136-03-040	NEW	92-13-037	172-108-040	NEW-P	92-04-084	172-136-120	AMD-P	92-16-06
136-03-050	NEW-P	92-08-069	172-108-040	NEW	92-09-100	172-136-600	REP-P	92-16-06
136-03-050	NEW	92-13-037	172-108-050	NEW-P	92-04-084	172-136-610	REP-P	92-16-06
136-03-060	NEW-P	92-08-069	172-108-050	NEW	92-09-100	172-136-620	REP-P	92-16-06
	NEW	92-13-037	172-108-060	NEW-P	92-04-084	172-139-010	NEW-P	92-15-12
136-03-060			172-108-060	NEW	92-09-100	172-139-020	NEW-P	92-15-12
136-03-070	NEW-P	92-08-069		NEW-P	92-04-084	172-139-020	NEW-P	92-15-12
136-03-070	NEW	92-13-037	172-108-070		92-09-100	172-139-030	NEW-P	92-15-12
136-03-080	NEW-P	92-08-069	172-108-070	NEW				92-05-05
136-03-080	NEW	92-13-037	172-108-080	NEW-P	92-04-084	172-144-010	AMD-P	
136-03-090	NEW-P	92-08-069	172-108-080	NEW	92-09-100	172-144-010	AMD	92-09-10
136-03-090	NEW	92-13-037	172-108-090	NEW-P	92-04-084	172-144-020	AMD-P	92-05-05
136-03-100	NEW-P	92-08-069	172-108-090	NEW	92-09-100	172-144-020	AMD	92-09-10
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136-03-110	NEW-P	92-08-069	172-118-010	AMD-P	92-15-129	172-144-030	REP	92-09-10
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136-130-030	AMD-P	92-08-070	172-118-030	AMD-P	92-15-129	172-144-040	AMD	92-09-10
	AMD-F	92-13-038	172-118-040	AMD-P	92-15-129	172-144-045	NEW-P	92-05-05
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136-130-060	AMD	92-13-038	172-118-080	AMD-P	92-15-129			92-14-03
136-130-070	AMD-P	92-08-070	172-118-090	AMD-P	92-15-129	172-168-060	REP-P	
136-130-070	AMD	92-13-038	172-122-100	NEW-P	92-15-127	172-168-070	AMD-P	92-14-05
136-160-050	AMD-P	92-08-071	172-122-100	NEW-W	92-16-061	172-168-080	AMD-P	92-14-05
136-160-050	AMD	92-13-039	172-122-100	NEW-P	92-16-098	172-168-090	AMD-P	92-14-05
136-160-060	AMD-P	92-08-071	172-122-110	NEW-P	92-15-127	172-168-100	AMD-P	92-14-05
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136-210-020	AMD-P	92-08-072	172-122-110	NEW-P	92-16-098	172-168-120	AMD-P	92-14-05
136-210-020	AMD-W	92-12-005	172-122-120	NEW-P	92-15-127	172-168-130	AMD-P	92-14-0
136-210-020	AMD-P	92-08-072	172-122-120	NEW-W	92-16-061	172-325-010	AMD-P	92-05-05
	AMD-W	92-12-005	172-122-120	NEW-P	92-16-098	172-325-010	AMD	92-09-10
136-210-030		92-12-003	172-122-120	NEW-P	92-15-127	172-325-010	AMD-P	92-16-0
139-05-240	AMD-P		172-122-200	NEW-W	92-16-061	173-03-030	AMD-E	92-13-04
139-05-242	NEW-P	92-16-068			92-16-098	173-03-030	AMD-P	92-15-1
139-10-220	AMD-P	92-16-071	172-122-200	NEW-P		l.	AMD-E	92-13-0
139-10-222	NEW-P	92-16-069	172-122-210	NEW-P	92-15-127	173-03-040		
142-12-026	AMD-P	92-10-031	172-122-210	NEW-W	92-16-061	173-03-040	AMD-P	92-15-1
142-12-026	AMD	92-15-080	172-122-210	NEW-P	92-16-098	173-03-060	AMD-E	92-13-0
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142-40-010	NEW	92-14-035	172-122-300	NEW-W	92-16-061	173-03-070	AMD-E	92-13-0
142-40-020	NEW-P	92-10-032	172-122-300	NEW-P	92-16-098	173-03-070	AMD-P	92-15-1
142-40-020	NEW	92-14-035	172-122-400	NEW-P	92-15-127	173-03-100	AMD-E	92-13-0
142-40-030	NEW-P	92-10-032	172-122-400	NEW-W	92-16-061	173-03-100	AMD-P	92-15-1
	NEW	92-14-035	172-122-400	NEW-P	92-16-098	173-19-130	AMD-P	92-07-0
142-40-030			172-122-410	NEW-P	92-15-127	173-19-130	AMD	92-13-0
172-04-010	NEW-P	92-04-085				173-19-1701	AMD	92-03-1
172-04-010	NEW	92-09-101	172-122-410	NEW-W	92-16-061	173-19-1701	AMD-P	92-03-1
172-06-010	NEW-P	92-04-083	172-122-410	NEW-P	92-16-098		AMD-P	92-04-0
172-06-010	NEW	92-09-099	172-122-500	NEW-P	92-16-098	173-19-230		
172-65	AMD-P	92-05-054	172-124	AMD-P	92-05-056	173-19-2503	AMD-P	92-07-0
172-65	AMD	92-09-103	172-124	AMD	92-09-105	173-19-2503	AMD	92-13-0
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172-65-010	AMD	92-09-103	172-124-010	AMD	92-09-105	173-19-2511	AMD	92-13-0
172-65-020	AMD-P	92-05-054	172-124-020	AMD-P	92-05-056	173-19-2515	AMD-P	92-03-1
	AMD	92-09-103	172-124-020	AMD	92-09-105	173-19-2515	AMD-C	92-09-1
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172-65-020 172-65-030	VIAID-L			REP	92-09-105	173-19-2521	AMD-P	92-07-0
172-65-030	ALIT	02 00 102	1.3.3 1.3.4 110.					
172-65-030 172-65-030	AMD	92-09-103	172-124-100	-				
172-65-030 172-65-030 172-65-040	AMD-P	92-05-054	172-124-200	REP-P	92-05-056	173-19-2521	AMD-C	92-09-1
172-65-030 172-65-030				-				92-09-1 92-13-0 92-16-0

Table [ 12 ]

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
173-19-2521	AMD	92-19-090	173-175-370	NEW-P	92-06-091	173-183-250	NEW	92-10-005
173-19-2523	AMD-P	92-09-132	173-175-370	NEW	92-12-055	173-183-260	NEW	92-10-005
173-19-2523	AMD	92-17-073	173-175-380	NEW-P	92-06-091	173-183-270	NEW	92-10-005
173-19-2601	AMD	92-04-081	173-175-380	NEW	92-12-055	173-183-300	NEW	92-10-005
173-19-2602	AMD-P	92-03-129	173-175-390	NEW-P	92-06-091	173-183-310	NEW	92-10-005
173-19-2602	AMD-C	92-09-127	173-175-390	NEW	92-12-055	173-183-320	NEW	92-10-005
173-19-2602 173-19-2602	AMD-C AMD	92-12-054 92-13-084	173-175-400 173-175-400	NEW-P NEW	92-06-091	173-183-330	NEW	92-10-005
173-19-2002	AMD-P	92-15-109	173-175-500	NEW-P	92-12-055 92-06-091	173-183-340 173-183-350	NEW NEW-W	92-10-005 92-11-038
173-19-360	AMD-P	92-11-042	173-175-500	NEW	92-12-055	173-183-400	NEW	92-11-038
173-19-360	AMD-C	92-14-120	173-175-510	NEW-P	92-06-091	173-183-410	NEW	92-10-005
173-19-360	AMD-P	92-15-110	173-175-510	NEW	92-12-055	173-183-420	NEW	92-10-005
173-19-360	AMD	92-17-074	173-175-520	NEW-P	92-06-091	173-183-430	NEW	92-10-005
173-19-4205	AMD-P	92-03-130	173-175-520	NEW	92-12-055	173-183-440	NEW	92-10-005
173-19-4205 173-19-430	AMD AMD-P	92-09-134 92-07-089	173-175-530 173-175-600	NEW NEW-P	92-12-055	173-183-450	NEW	92-10-005
173-19-430	AMD-P	92-07-089	173-175-600	NEW-P	92-06-091 92-12-055	173-183-450 173-183-460	NEW NEW	92-13-083 92-10-005
173-19-430	AMD	92-16-095	173-175-610	NEW-P	92-12-033	173-183-470	NEW	92-10-005
173-19-450	AMD-P	92-15-108	173-175-610	NEW	92-12-055	173-183-500	NEW	92-10-005
173-175-010	NEW-P	92-06-091	173-175-620	NEW-P	92-06-091	173-183-600	NEW	92-10-005
173-175-010	NEW	92-12-055	173-175-620	NEW	92-12-055	173-183-610	NEW	92-10-005
173-175-020	NEW-P	92-06-091	173-175-630	NEW-P	92-06-091	173-183-620	NEW	92-10-005
173-175-020	NEW D	92-12-055	173-175-630	NEW	92-12-055	173-183-700	NEW	92-10-005
173-175-030 173-175-030	NEW-P NEW	92-06-091 92-12-055	173-180C 173-180C-010	NEW-C NEW-P	92-18-029 92-17-075	173-183-710	NEW	92-10-005
173-175-030	NEW-P	92-06-091	173-180C-010 173-180C-020	NEW-P	92-17-075 92-17-075	173-183-800 173-183-810	NEW NEW	92-10-005 92-10-005
173-175-040	NEW	92-12-055	173-180C-030	NEW-P	92-17-075	173-183-820	NEW	92-10-005
173-175-050	NEW-P	92-06-091	173-180C-040	NEW-P	92-17-075	173-183-830	NEW	92-10-005
173-175-050	NEW	92-12-055	173-180C-050	NEW-P	92-17-075	173-183-840	NEW	92-10-005
173-175-060	NEW-P	92-06-091	173-180C-060	NEW-P	92-17-075	173-183-850	NEW	92-10-005
173-175-060	NEW	92-12-055	173-180C-070	NEW-P	92-17-075	173-183-860	NEW	92-10-005
173-175-070	NEW-P	92-06-091	173-180C-080	NEW-P	92-17-075	173-183-865	NEW	92-10-005
173-175-070 173-175-100	NEW NEW-P	92-12-055 92-06-091	173-180C-090 173-180C-095	NEW-P NEW-P	92-17-075 92-17-075	173-183-870	NEW	92-10-005
173-175-100	NEW-P	92-12-055	173-180C-098	NEW-P	92-17-075	173-183-880 173-183-890	NEW NEW	92-10-005 92-10-005
173-175-110	NEW-P	92-06-091	173-180D-010	NEW-P	92-06-087	173-183-900	NEW	92-10-005
173-175-110	NEW	92-12-055	173-180D-010	NEW	92-15-035	173-183-910	NEW	92-10-005
173-175-120	NEW-P	92-06-091	173-180D-020	NEW-P	92-06-087	173-183-920	NEW	92-10-005
173-175-120	NEW	92-12-055	173-180D-020	NEW	92-15-035	173-201-010	REP-P	92-11-041
173-175-130	NEW-P NEW	92-06-091 92-12-055	173-180D-030	NEW-P NEW	92-06-087	173-201-025	REP-P	92-11-041
173-175-130 173-175-140	NEW-P	92-06-091	173-180D-030 173-180D-040	NEW-P	92-15-035 92-06-087	173-201-035 173-201-045	REP-P REP-P	92-11-041 92-11-041
173-175-140	NEW	92-12-055	173-180D-040	NEW	92-15-035	173-201-047	REP-P	92-11-041
173-175-150	NEW-P	92-06-091	173-180D-050	NEW-P	92-06-087	173-201-070	REP-P	92-11-041
173-175-150	NEW	92-12-055	173-180D-050	NEW	92-15-035	173-201-080	REP-P	92-11-041
173-175-160	NEW-P	92-06-091	173-180D-055	NEW-P	92-06-087	173-201-085	REP-P	92-11-041
173-175-160	NEW	92-12-055	173-180D-055	NEW	92-15-035	173-201-090	REP-P	92-11-041
173-175-170 173-175-170	NEW-P NEW	92-06-091 92-12-055	173-180D-060 173-180D-060	NEW-P NEW	92-06-087	173-201-100	REP-P	92-11-041
173-175-170	NEW-P	92-12-033	173-180D-065	NEW-P	92-15-035 92-06-087	173-201-110 173-201-120	REP-P REP-P	92-11-041 92-11-041
173-175-180	NEW	92-12-055	173-180D-065	NEW	92-15-035	173-201A-010	NEW-P	92-11-041
173-175-190	NEW-P	92-06-091	173-180D-070	NEW-P	92-06-087	173-201A-020	NEW-P	92-11-041
173-175-190	NEW	92-12-055	173-180D-070	NEW	92-15-035	173-201A-030	NEW-P	9 <b>2</b> -11-041
173-175-200	NEW-P	92-06-091	173-180D-075	NEW-P	92-06-087	173-201 A-040	NEW-P	92-11-041
173-175-200	NEW	92-12-055	173-180D-075	NEW	92-15-035	173-201 A-050	NEW-P	92-11-041
173-175-210	NEW-P	92-06-091	173-180D-080	NEW-P	92-06-087	173-201 A-060	NEW-P	92-11-041
173-175-210 173-175-220	NEW NEW-P	92-12-055 92-06-091	173-180D-080 173-180D-085	NEW NEW-P	92-15-035 92-06-087	173-201 A-070 173-201 A-080	NEW-P NEW-P	92-11-041 92-11-041
173-175-220	NEW	92-12-055	173-180D-085	NEW	92-15-035	173-201A-000	NEW-P	92-11-041
173-175-230	NEW-P	92-06-091	173-180D-090	NEW-P	92-06-087	173-201A-110	NEW-P	92-11-041
173-175-230	NEW	92-12-055	173-180D-090	NEW	92-15-035	173-201A-120	NEW-P	92-11-041
173-175-240	NEW-P	92-06-091	173-180D-098	NEW-P	92-06-087	173-201A-130	NEW-P	92-11-041
173-175-240	NEW	92-12-055	173-180D-098	NEW	92-15-035	173-201A-140	NEW-P	92-11-041
173-175-250	NEW-P	92-06-091	173-183	NEW-C	92-09-034	173-201A-150	NEW-P	92-11-041
173-175-250 173-175-260	NEW NEW-P	92-12-055 92-06-091	173-183-010 173-183-020	NEW NEW	92-10-005 92-10-005	173-201A-160 173-201A-170	NEW-P NEW-P	92-11-041 92-11-041
173-175-260	NEW-P	92-12-055	173-183-020	NEW	92-10-005 92-10-005	173-201A-170 173-201A-180	NEW-P NEW-P	92-11-041 92-11-041
173-175-200	NEW-P	92-06-091	173-183-100	NEW	92-10-005	173-2017-160	AMD-E	92-05-084
173-175-270	NEW	92-12-055	173-183-200	NEW	92-10-005	173-202-020	AMD-P	92-07-085
173-175-350	NEW-P	92-06-091	173-183-210	NEW	92-10-005	173-202-020	AMD-S	92-11-068
173-175-350	NEW	92-12-055	173-183-220	NEW	92-10-005	173-202-020	AMD	92-14-098
173-175-360	NEW-P	92-06-091	173-183-230 173-183-240	NEW	92-10-005	173-224-015	AMD	92-03-131
173-175-360	NEW	92-12-055	1 1/3-103-240	NEW	92-10-005	173-224-020	AMD	92-03-131

[ 13 ] Table

WAC #		WSR #	WAC #		WSR #	WAC #	<del>.</del>	WSR #
173-224-030	AMD	92-03-131	173-422-080	REP-P	92-09-133	173-563-015	NEW-P	92-14-010
173-224-040	AMD	92-03-131	173-422-090	AMD-P	92-09-133	173-563-015	NEW-E	92-14-012
173-224-050	AMD	92-03-131	173-422-095	NEW-P	92-09-133	173-564	NEW-C	92-16-027
173-224-090	AMD	92-03-131	173-422-100	AMD-P	92-09-133	173-564-010	NEW-E	92-07-054
173-224-100	AMD	92-03-131	173-422-110	REP-P	92-09-133	173-564-010	NEW-P	92-14-009
173-224-120	AMD	92-03-131	173-422-120	AMD-P	92-09-133	173-564-010	NEW-E	92-14-011
173-303-070	AMD-P	92-18-078	173-422-130	AMD-P	92-09-133	173-564-020	NEW-E	92-07-054
173-303-070	AMD-E	92-19-067	173-422-140	AMD-P	92-09-133	173-564-020	NEW-P	92-14-009
173-303-120	AMD-P	92-18-078	173-422-150	REP-P	92-09-133	173-564-020	NEW-E NEW-E	92-14-011 92-07-054
173-303-120	AMD-E AMD-P	92-19-067	173-422-160 173-422-170	AMD-P AMD-P	92-09-133 92-09-133	173-564-030 173-564-030	NEW-E NEW-P	92-07-034
173-303-145 173-303-145	AMD-P	92-03-127 92-11-040	173-422-170	REP-P	92-09-133	173-564-030	NEW-E	92-14-011
173-303-145	AMD-C	92-15-036	173-425	AMD-C	92-19-079	173-564-040	NEW-E	92-07-054
173-303-506	NEW-E	92-11-045	173-425-010	AMD-P	92-12-026	173-564-040	NEW-P	92-14-009
173-303-506	NEW-P	92-18-078	173-425-020	AMD-P	92-12-026	173-564-040	NEW-E	92-14-011
173-303-506	NEW-E	92-19-067	173-425-030	AMD-P	92-12-026	178-01-010	NEW-C	92-03-055
173-305-060	REP-P	92-05-083	173-425-036	REP-P	92-12-026	178-01-010	NEW-E	92-03-056
173-305-060	REP	92-10-043	173-425-040	NEW-P	92-12-026	178-01-010	NEW	92-09-002
173-305-070	REP-P	92-05-083	173-425-045	REP-P	92-12-026	180-16-200	AMD	92-05-047
173-305-070	REP	92-10-043	173-425-050	NEW-P	92-12-026	180-16-200	AMD-P	92-13-075
173-305-080	REP-P	92-05-083	173-425-055	REP-P	92-12-026	180-16-200	AMD	92-17-053
173-305-080	REP	92-10-043	173-425-060	NEW-P	92-12-026	180-16-205 180-16-205	AMD AMD-P	92-05-047 92-13-075
173-305-090	REP-P	92-05-083	173-425-065 173-425-070	REP-P NEW-P	92-12-026 92-12-026	180-16-205	AMD-P AMD	92-13-073
173-305-090 173-322-010	REP AMD-E	92-10-043 92-14-072	173-425-070	REP-P	92-12-026	180-16-222	AMD	92-04-044
173-322-010	AMD-E	92-14-072	173-425-080	NEW-P	92-12-026	180-16-223	AMD	92-04-044
173-322-020	AMD-E	92-14-072	173-425-085	REP-P	92-12-026	180-20-005	NEW-P	92-13-098
173-322-060	AMD-E	92-14-072	173-425-090	NEW-P	92-12-026	180-20-030	NEW-P	92-13-098
173-322-070	AMD-E	92-14-072	173-425-095	REP-P	92-12-026	180-20-031	NEW-P	92-13-098
173-322-080	AMD-E	92-14-072	173-425-100	AMD-P	92-12-026	180-20-034	NEW-P	92-13-098
173-322-090	AMD-E	92-14-072	173-425-110	NEW-P	92-12-026	180-20-035	NEW-P	92-13-098
173-322-100	AMD-E	92-14-072	173-425-115	REP-P	92-12-026	180-20-036	NEW-P	92-13-098
173-322-105	NEW-E	92-14-072	173-425-120	REP-P	92-12-026	180-20-040	NEW-P	92-13-098
173-326-010	AMD-P	92-16-087	173-425-130	REP-P	92-12-026	180-20-045	NEW-P	92-13-098
173-326-020	AMD-P	92-16-087	173-425-140	REP-P AMD-E	92-12-026 92-19-018	180-20-050 180-20-055	NEW-P NEW-P	92-13-098 92-13-098
173-326-030 173-326-040	AMD-P AMD-P	92-16-087 92-16-087	173-430 173-430-020	AMD-E AMD-E	92-19-018	180-20-060	NEW-P	92-13-098
173-326-040	NEW-P	92-16-087	173-430-020	AMD-E	92-19-018	180-20-065	NEW-P	92-13-098
173-326-060	NEW-P	92-16-087	173-433-100	AMD-P	92-09-035	180-20-070	NEW-P	92-13-098
173-400-030	AMD-P	92-18-096	173-433-100	AMD-C	92-15-111	180-20-075	NEW-P	92-13-098
173-400-040	AMD-P	92-18-096	173-433-100	AMD-C	92-18-095	180-20-080	NEW-P	92-13-098
173-400-070	AMD-P	92-18-096	173-433-110	AMD-P	92-09-035	180-20-090	NEW-P	92-13-098
173-400-075	AMD-P	92-18-096	173-433-110	AMD-C	92-15-111	180-20-095	NEW-P	92-13-098
173-400-080	NEW-P	92-18-096	173-433-110	AMD-C	92-18-095	180-20-101	NEW-P	92-13-098
173-400-100	AMD-P	92-18-096	173-433-170	AMD-P	92-09-035	180-20-111	NEW-P	92-13-098
173-400-105	AMD-P	92-18-096	173-433-170	AMD-E AMD-C	92-10-022 92-15-111	180-20-115 180-20-120	NEW-P NEW-P	92-13-098 92-13-098
173-400-107	NEW-P	92-18-096	173-433-170	AMD-C AMD-E	92-13-111 92-18-028	180-20-125	NEW-P NEW-P	92-13-098
173-400-110 173-400-112	AMD-P NEW-P	92-18-096 92-18-096	173-433-170 173-433-170	AMD-E	92-18-028	180-20-123	NEW-P	92-13-098
173-400-112	NEW-P	92-18-096	173-491-050	AMD-P	92-18-095	180-20-135	NEW-P	92-13-09
173-400-113	NEW-P	92-18-096	173-492	NEW-C	92-19-066	180-20-140	NEW-P	92-13-09
173-400-115	AMD-P	92-18-096	173-492-010	NEW-P	92-06-088	180-20-145	NEW-P	92-13-09
173-400-116	NEW-P	92-18-096	173-492-010	NEW-S	92-11-043	180-20-150	NEW-P	92-13-09
173-400-120	AMD-P	92-18-096	173-492-020	NEW-P	92-06-088	180-20-155	NEW-P	92-13-09
173-400-131	AMD-P	92-18-096	173-492-020	NEW-S	92-11-043	180-20-160	NEW-P	92-13-09
173-400-136	AMD-P	92-18-096	173-492-030	NEW-P	92-06-088	180-25-030	AMD-E	92-13-04
173-400-141	AMD-P	92-18-096	173-492-030	NEW-S	92-11-043	180-25-030	AMD-P	92-13-05
173-400-171	AMD-P	92-18-096	173-492-040	NEW-P	92-06-088	180-25-030	AMD	92-16-05
173-400-180	AMD-P	92-18-096	173-492-040	NEW-S	92-11-043	180-25-031	NEW E	92-04-04
173-400-230	AMD-P	92-18-096	173-492-050	NEW-P	92-06-088	180-25-032	NEW-E NEW-P	92-13-04 92-13-05
173-400-230	AMD-E	92-19-017	173-492-050 173-492-060	NEW-S NEW-P	92-11-043 92-06-088	180-25-032 180-25-032	NEW-P	92-13-03
173-400-250 173-422	AMD-P AMD-C	92-18-096 92-18-077	173-492-060	NEW-P	92-11-043	180-27-016	NEW-E	92-13-04
173-422	AMD-C AMD-P	92-18-077	173-492-000	NEW-P	92-06-088	180-27-016	NEW-P	92-13-05
173-422-010	AMD-P	92-09-133	173-492-070	NEW-S	92-11-043	180-27-016	NEW	92-16-05
173-422-020	AMD-P	92-09-133	173-492-080	NEW-P	92-06-088	180-27-052	NEW-E	92-13-04
173-422-035	AMD-P	92-09-133	173-492-080	NEW-S	92-11-043	180-27-052	NEW-P	92-13-05
173-422-040	AMD-P	92-09-133	173-492-090	NEW-P	92-06-088	180-27-052	NEW	92-16-05
173-422-050	AMD-P	92-09-133	173-492-090	NEW-S	92-11-043	180-27-056	AMD-E	92-13-04
173-422-060	AMD-P	92-09-133	173-492-100	NEW-P	92-06-088	180-27-056	AMD-P	92-13-05
173-422-065	NEW-P	92-09-133	173-492-100	NEW-S	92-11-043	180-27-056	AMD	92-16-05
173-422-070	AMD-P	92-09-133	173-563	NEW-C	92-16-026	180-27-058	AMD-E	92-13-04
173-422-075	NEW-P	92-09-133	173-563-015	NEW-E	92-07-055	l 180-27-058	AMD-P	92-13-05

Table [ 14 ]

WAC#		WSR #	WAC #		WSR #	WAC#		WSR #
180-27-058	AMD	92-16-058	100 70 117	AMD D	02.15.000	204.744.060		00.00.050
180-27-500	NEW-E	92-16-038 92-13-047	180-79-117 180-79-120	AMD-P	92-15-098	204-74A-060	AMD	92-09-050
180-27-500	NEW-E	92-13-047	180-79-120	AMD AMD-E	92-04-044	212-80-010	AMD-P	92-14-073
180-27-500	NEW-P	92-13-039 92-16-058	180-79-122		92-13-021	212-80-010	AMD-E	92-14-074
180-27-505	NEW-E	92-10-038	180-79-122	AMD-E AMD-P	92-15-038 92-15-098	212-80-015	AMD-P	92-14-073
180-27-505	NEW-E	92-13-047	180-79-122			212-80-015	AMD-E	92-14-074
180-27-505	NEW	92-16-058	180-79-123	NEW	92-04-044	212-80-030	AMD-P	92-14-073
180-27-503	NEW-E	92-13-047	180-79-123	AMD-E	92-13-021	212-80-030	AMD-E	92-14-074
180-27-510	NEW-E	92-13-059	180-79-123	AMD-E AMD-P	92-15-038	212-80-035	AMD-P	92-14-073
180-27-510	NEW-F	92-13-039	180-79-123		92-15-098 92-13-021	212-80-035	AMD-E	92-14-074
180-27-515	NEW-E	92-13-047	180-79-127	AMD-E		212-80-055	AMD-P	92-14-073
180-27-515	NEW-P	92-13-059	180-79-127	AMD-E AMD-P	92-15-038 92-15-098	212-80-055	AMD-E	92-14-074
180-27-515	NEW	92-16-058	180-79-127	REP	92-13-0 <del>98</del> 92-04-044	212-80-065	AMD-P	92-14-073
180-27-515	NEW-E	92-13-047	180-79-131	AMD	92-04-044 92-04-044	212-80-065 212-80-115	AMD-E	92-14-074
180-27-525	NEW-P	92-13-059	180-79-136	AMD	92-04-044	212-80-115	AMD-P	92-14-073
180-27-525	NEW	92-16-058	180-79-230	AMD	92-04-044	212-80-115	AMD-E	92-14-074
180-27-530	NEW-E	92-13-047	180-79-241	AMD-P	92-04-044	212-80-125	NEW-P NEW-E	92-14-073
180-27-530	NEW-P	92-13-059	180-79-241	AMD-F	92-15-037	220-16	AMD-C	92-14-074
180-27-530	NEW	92-16-058	180-79-310	REP	92-04-044	220-16	AMD-C	92-11-083 92-11-083
180-27-535	NEW-E	92-13-047	180-79-311	NEW	92-04-044	220-16-01500		92-11-083
180-27-535	NEW-P	92-13-059	180-79-333	NEW	92-04-044	220-16-01300	A NEW-E	92-13-040
180-27-535	NEW	92-16-058	180-79-379	NEW	92-04-044	220-16-040		
180-29-085	AMD-E	92-13-047	180-85-045	AMD	92-04-044	220-16-040	AMD NEW-P	92-15-105
180-29-085	AMD-P	92-13-047	180-85-077	NEW	92-04-044	220-16-046		92-09-137 92-15-105
180-29-085	AMD	92-15-059	180-85-115	AMD	92-04-044	220-16-046	NEW - AMD-P	92-13-103 92-10-081
180-51-085	AMD-P	92-10-038	180-86-150	AMD-P	92-08-077	220-20-0200		92-10-081
180-51-085	AMD	92-08-078	180-86-150	AMD	92-15-037	220-20-02000	AMD-P	92-10-034
180-53-065	REP-P	92-13-075	180-86-155	AMD-P	92-08-077	220-24-02000		92-10-081
180-53-065	REP	92-13-073	180-86-155	AMD-F	92-15-037	220-24-02000		92-09-130
180-53-005	NEW-P	92-13-075	180-110-035	AMD-P	92-13-058	220-24-02000		92-15-076
180-53-070	NEW	92-13-073	180-110-035	AMD	92-15-058	220-24-02000		
180-75-016	NEW	92-04-044	182-12-111	AMD	92-03-040	220-24-02000		92-16-022 92-16-022
180-75-055	AMD	92-04-044	182-12-111	AMD-P	92-04-001	220-24-02000		92-16-022 92-16-034
180-75-065	AMD	92-04-044	182-12-115	AMD-P	92-04-001	220-24-02000		
180-75-080	REP	92-04-044	182-12-115	AMD	92-08-003	220-24-02000		92-16-034 92-16-085
180-75-085	AMD	92-04-044	192-12-017	REP-P	92-08-003	220-24-02000		92-16-085
180-75-085	AMD-E	92-13-021	192-12-017	REP	92-14-047	220-24-02000		92-17-028
180-75-085	AMD-E	92-15-038	192-12-017	REP-P	92-07-104	220-24-02000		92-17-028
180-75-085	AMD-P	92-15-098	192-12-019	REP	92-14-047	220-24-02000		92-17-028
180-75-087	AMD	92-04-044	192-12-072	AMD-P	92-07-104	220-24-02000		92-18-001
180-75-089	NEW	92-04-044	192-12-072	AMD	92-14-047	220-32-05100		92-04-051
180-75-090	AMD	92-04-044	192-12-300	AMD-P	92-03-145	220-32-051001		92-04-051
180-75-110	NEW	92-04-044	192-12-300	AMD-W	92-16-078	220-32-051001		92-07-007
180-77-040	AMD	92-05-039	192-12-305	AMD-P	92-03-145	220-32-051001		92-07-007
180-77-045	AMD	92-05-039	192-12-305	AMD-W	92-16-078	220-32-05100		92-17-009
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180-77-065	AMD	92-05-039	192-12-310	AMD-W	92-16-078	220-32-051001		92-18-052
180-77-100	NEW	92-05-039	192-12-320	AMD-P	92-03-145	220-32-051001		92-19-022
180-77-105	NEW	92-05-039	192-12-320	AMD-W	92-16-078	220-32-051001		92-19-022
180-77-110	NEW	92-05-039	192-12-370	NEW-P	92-03-145	220-32-051001		92-19-097
180-78-165	AMD	92-06-027	192-12-370	AMD-W	92-16-078	220-32-051000		92-19-097
180-78-200	NEW-W	92-09-108	192-12-400	NEW-P	92-07-104	220-32-051000		92-19-136
180-79-045	AMD-E	92-13-021	192-12-400	NEW	92-14-047	220-32-05100		92-19-136
180-79-045	AMD-E	92-15-038	192-12-405	NEW-P	92-07-104	220-32-05500/		92-09-047
180-79-045	AMD-P	92-15-098	192-12-405	NEW	92-14-047	220-32-05500/		92-09-106
180-79-047	AMD	92-04-044	192-32-120	NEW	92-05-051	220-32-055001		92-09-106
180-79-049	AMD	92-04-044	192-32-125	NEW	92-05-051	220-32-057001		92-03-022
180-79-060	AMD-E	92-13-021	196-24-050	AMD-P	92-04-008	220-32-057001		92-05-004
180-79-060	AMD-E	92-15-038	196-24-050	AMD	92-09-089	220-32-057001		92-04-051
180-79-060	AMD-P	92-15-098	196-24-105	AMD-P	92-12-053	220-32-057001		92-07-007
180-79-065	AMD-E	92-13-021	196-24-105	AMD	92-15-139	220-32-057001		92-08-090
180-79-065	AMD-E	92-15-038	204-24-030	AMD	92-05-016	220-32-057001		92-14-099
180-79-065	AMD-P	92-15-098	204-24-040	AMD	92-05-016	220-32-057001		92-14-099
180-79-075	AMD-1	92-04-044	204-24-050	AMD	92-05-016	220-33-010001		92-05-004
180-79-080	AMD	92-04-044	204-24-070	AMD	92-05-016	220-33-01000E		92-05-004
180-79-085	AMD-E	92-13-021	204-32	PREP	92-13-012A	220-33-01000F		92-03-004
180-79-086	AMD-L AMD	92-04-044	204-38-030	AMD-P	92-15-012A 92-05-015	220-33-01000F		92-19-027
180-79-115	AMD	92-04-044	204-38-030	AMD-I AMD	92-11-032	220-33-010000		92-19-032
180-79-115	AMD-E	92-13-021	204-38-040	AMD-P	92-05-015	220-33-010000		92-19-032
180-79-115	AMD-E	92-15-021	204-38-040	AMD-F	92-03-013	220-33-01000F		92-19-134 92-19-134
180-79-115	AMD-P	92-15-098	204-39	PREP	92-11-032 92-13-012A	220-33-01000F		92-19-134 92-11-066
180-79-117	AMD-E	92-13-021	204-62	PREP	92-13-012A 92-13-012A	220-33-03000L		92-11-000
180-79-117	AMD-E	92-15-038	204-70	PREP	92-13-012A	220-36-02300N		92-18-066
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Table

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220-36-02300P	NEW-E	92-18-066	220-47-812	REP-E	92-19-019	220-56-205	AMD	92-11-012
220-36-02300P	REP-E	92-19-020	220-47-813	NEW-E	92-19-019	220-56-235	AMD-P	92-03-151
220-36-02300Q	NEW-E	92-19-020	220-47-813	REP-E	92-19-062	220-56-235	AMD	92-11-012
220-36-02300Q	REP-E	92-19-058	220-47-814	NEW-E	92-19-062	220-56-23500G	NEW-E	92-09-083
220-36-02300R	NEW-E	92-19-058	220-47-814	REP-E NEW-E	92-19-110 92-19-110	220-56-240 220-56-240	AMD-P AMD	92-03-151 92-11-012
220-36-02300R 220-36-02300S	REP-E NEW-E	92-19-096 92-19-096	220-47-815 220-47-815	REP-E	92-19-110	220-56-24000G	NEW-E	92-11-012
220-40-027	AMD-P	92-19-090	220-47-815	NEW-E	92-19-117	220-56-24500K	NEW-E	92-10-039
220-40-02700E	NEW-E	92-18-034	220-48-005	AMD-P	92-06-092	220-56-24500K	REP-E	92-12-002
220-44-030	AMD-P	92-03-150	220-48-005	AMD-C	92-08-079	220-56-24500L	NEW-E	92-12-002
220-44-030	AMD	92-07-008	220-48-005	AMD	92-11-011	220-56-250	AMD-P	92-03-151
220-44-04000B	NEW-E	92-10-064	220-48-00500A	NEW-E	92-09-073	220-56-250	AMD	92-11-012 92-09-083
220-44-04000B 220-44-04000C	REP-E NEW-E	92-18-035 92-19-050	220-48-011 220-48-011	AMD-P AMD-C	92-06-092 92-08-079	220-56-25000E 220-56-25500L	NEW-E NEW-E	92-10-039
220-44-050	AMD-P	92-19-030	220-48-02900A	NEW-E	92-19-063	220-56-25500L	REP-E	92-12-002
220-44-050	AMD	92-07-008	220-48-042	AMD-P	92-06-092	220-56-25500M	NEW-E	92-12-002
220-44-05000R	REP-E	92-03-030	220-48-042	AMD-C	92-08-079	220-56-25500M	REP-E	92-15-010
220-44-05000S	NEW-E	92-03-030	220-48-042	AMD	92-11-011	220-56-25500N	NEW-E	92-15-010
220-44-05000S	REP-E	92-08-007	220-48-052	AMD-P	92-06-092	220-56-25500N	REP-E NEW-E	92-15-040 92-15-040
220-44-05000T 220-44-05000T	NEW-E REP-E	92-08-007 92-09-084	220-48-052 220-48-052	AMD-C AMD	92-08-079 92-11-011	220-56-25500P 220-56-25500P	REP-E	92-15-040
220-44-05000T	NEW-E	92-09-084	220-48-032 220-49-02000D	NEW-E	92-08-022	220-56-25500Q	NEW-E	92-16-036
220-44-05000U	REP-E	92-11-021	220-52-05100J	NEW-E	92-10-002	220-56-25500Q	REP-E	92-19-135
220-44-05000V	NEW-E	92-11-021	220-52-05100K	NEW-E	92-10-020	220-56-28000A	NEW-E	92-07-015
220-44-05000V	REP-E	92-12-018	220-52-05100K	REP-E	92-11-065	220-56-282	AMD-P	92-03-151
220-44-05000W	NEW-E	92-12-018	220-52-05100L	NEW-E	92-11-008	220-56-282	AMD-W	92-16-077
220-44-05000W	REP-E NEW-E	92-16-002 92-16-002	220-52-05100M 220-52-07300H	NEW-E NEW-E	92-13-040 92-06-054	220-56-285 220-56-285	AMD-P AMD	92-03-151 92-11-012
220-44-05000X 220-44-09000A	NEW-E	92-10-002	220-56-10500A	NEW-E	92-08-031	220-56-28500F	NEW-E	92-09-083
220-47	AMD-C	92-11-083	220-56-116	AMD-P	92-03-151	220-56-310	AMD-P	92-03-151
220-47	AMD-S	92-11-083	220-56-116	AMD	92-11-012	220-56-310	AMD	92-11-012
220-47-301	AMD-P	92-09-137	220-56-145	AMD-P	92-03-151	220-56-31000K	NEW-E	92-09-083
220-47-302	AMD-P	92-09-137	220-56-156	AMD-P AMD	92-03-151 92-11-012	220-56-315 220-56-315	AMD-P AMD	92-03-151 92-11-012
220-47-302 220-47-304	AMD AMD-P	92-15-105 92-09-137	220-56-156 220-56-15600E	NEW-E	92-11-012	220-56-31500A	NEW-E	92-09-083
220-47-304	AMD	92-15-105	220-56-160	AMD-P	92-03-151	220-56-320	AMD-P	92-03-151
220-47-307	AMD-P	92-09-137	220-56-160	AMD-W	92-16-077	220-56-320	AMD	92-11-012
220-47-307	AMD	92-15-105	220-56-19000A	NEW-E	92-17-010	220-56-32000C	NEW-E	92-09-083
220-47-311	AMD-P	92-09-137	220-56-19000A	REP-E	92-18-010	220-56-32500U	NEW-E	92-10-020
220-47-311 220-47-319	AMD AMD-P	92-15-105 92-09-137	220-56-19000B 220-56-19000B	NEW-E REP-E	92-17-020 92-18-094	220-56-32500U 220-56-32500V	REP-E NEW-E	92-11-065 92-11-065
220-47-319	AMD-P	92-15-105	220-56-19000C	NEW-E	92-18-010	220-56-335	AMD-P	92-03-151
220-47-401	AMD-P	92-09-137	220-56-19000C	REP-E	92-18-054	220-56-335	AMD	92-11-012
220-47-401	AMD	92-15-105	220-56-19000D	NEW-E	92-18-011	220-56-33500G	NEW-E	92-09-083
220-47-411	AMD-P	92-09-137	220-56-19000D	REP-E	92-19-021	220-56-350	AMD-P	92-03-151
220-47-411	AMD	92-09-105	220-56-19000E	NEW-E	92-18-054 92-19-064	220-56-350 220-56-35000P	AMD NEW-E	92-11-012
220-47-412 220-47-412	AMD-P AMD	92-09-137 92-15-105	220-56-19000E 220-56-19000F	REP-E NEW-E	92-19-00 <del>4</del> 92-18-094	220-56-35000P	NEW-E	92-09-083 92-16-010
220-47-500	AMD-P	92-09-137	220-56-19000F	REP-E	92-19-111	220-56-360	AMD-P	92-03-151
220-47-500	AMD	92-15-105	220-56-19000G	NEW-E	92-19-021	220-56-360	AMD	92-11-012
220-47-801	NEW-E	92-16-020	220-56-19000H	NEW-E	92-19-064	220-56-380	AMD-P	92-03-151
220-47-801	REP-E	92-16-055	220-56-19000H	REP-E	92-19-112	220-56-380	AMD	92-11-012
220-47-802 220-47-802	NEW-E REP-E	92-16-055 92-16-084	220-56-190001 220-56-19000J	NEW-E NEW-E	92-19-112 92-19-111	220-56-38000J 220-56-38000K	NEW-E NEW-E	92-09-083 92-16-010
220-47-802	NEW-E	92-16-084	220-56-19000S	NEW-E	92-10-017	220-56-400	AMD-P	92-10-010
220-47-803	REP-E	92-17-021	220-56-19000S	REP-E	92-12-013	220-56-400	AMD	92-11-012
220-47-804	NEW-E	92-17-021	220-56-19000T	NEW-E	92-12-013	220-56-40000B	NEW-E	92-09-083
220-47-804	REP-E	92-17-030	220-56-19000U	NEW-E	92-13-071	220-57-13700B	NEW-E	92-19-077
220-47-805	NEW-E	92-17-030	220-56-19000U	REP-E	92-15-086	220-57-160	AMD-P	92-03-151 92-11-012
220-47-805 220-47-806	REP-E NEW-E	92-17-048 92-17-048	220-56-19000V 220-56-19000V	NEW-E REP-E	92-14-046 92-15-106	220-57-160 220-57-16000L	AMD NEW-E	92-11-012 92-04-050
220-47-806	REP-E	92-17-048	220-56-19000V		92-15-086	220-57-16000L 220-57-16000M		92-04-050
220-47-807	NEW-E	92-17-061	220-56-19000W	REP-E	92-17-003	220-57-16000N	NEW-E	92-09-083
220-47-807	REP-E	92-18-007	220-56-19000X	NEW-E	92-15-106	220-57-16000P	NEW-E	92-16-011
220-47-808	NEW-E	92-18-007	220-56-19000X	REP-E	92-16-035	220-57-175	AMD-P	92-03-151
220-47-808 220-47-809	REP-E NEW-E	92-18-012	220-56-19000Y	NEW-E REP-E	92-16-035 92-17-010	220-57-175 220-57-17500W	AMD NEW-E	92-11-012 92-09-083
220-47-809 220-47-809	NEW-E REP-E	92-18-012 92-18-025	220-56-19000Y 220-56-19000Z	NEW-E	92-16-003	220-57-17500W 220-57-195	AMD-W	92-04-011
220-47-809	NEW-E	92-18-025 92-18-025	220-56-19000Z	REP-E	92-18-011	220-57-195	AMD-W	92-03-151
220-47-810	REP-E	92-18-053	220-56-195	AMD-P	92-03-151	220-57-205	AMD-W	92-04-011
220-47-811	NEW-E	92-18-053	220-56-195	AMD	92-11-012	220-57-205	AMD	92-11-012
220-47-811	REP-E	92-18-069	220-56-19500I	NEW-E	92-18-051	220-57-210	AMD-P	92-03-151
220-47-812	NEW-E	92-18-069	220-56-205	AMD-P	92-03-151	l 220-57-210	AMD-W	92-04-011
Table				[ 16 ]				

Table [ 16 ]

WAC #		WSR #	WAC#		WSR #	WAC#		WSR #
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220-57-210	AMD	92-11-012	220-110-090	REP-W	92-15-095	222-16-020	REP	92-15-011
220-57-255	AMD-P	92-03-151	220-110-100	AMD-P	92-11-082	222-16-030	AMD-P	92-07-093
220-57-255	AMD	92-11-012	220-110-100	AMD-W	92-15-095	222-16-030	AMD-S	92-11-069
220-57-265 220-57-29000M	AMD-W NEW-E	92-04-011 92-11-020	220-110-110 220-110-110	REP-P REP-W	92-11-082 92-15-095	222-16-030 222-16-035	AMD NEW-P	92-15-011 92-07-093
220-57-29000M 220-57-31500V	NEW-E	92-08-031	220-110-110	AMD-P	92-13-093	222-16-035	NEW-P	92-07-093
220-57-38000A	NEW-E	92-18-068	220-110-120	AMD-W	92-15-095	222-16-035	NEW	92-15-011
220-57-385	AMD-P	92-03-151	220-110-130	AMD-P	92-11-082	222-16-046	NEW-E	92-09-064
220-57-385	AMD	92-11-012	220-110-130	AMD-W	92-15-095	222-16-050	AMD-E	92-06-004
220-57-38500T	NEW-E	92-07-035	220-110-140	AMD-P	92-11-082	222-16-050	AMD-P	92-07-093
220-57-405	AMD-P	92-03-151	220-110-140 220-110-150	AMD-W	92-15-095	222-16-050	AMD-S	92-11-069
220-57-405 220-57-425	AMD AMD-P	92-11-012 92-03-151	220-110-150	AMD-P AMD-W	92-11-082 92-15-095	222-16-050 222-16-050	AMD-E AMD	92-12-038 92-15-011
220-57-425	AMD	92-11-012	220-110-160	AMD-W	92-13-093	222-16-070	NEW-E	92-06-004
220-57-42500Y	NEW-E	92-17-008	220-110-160	AMD-W	92-15-095	222-16-070	NEW-P	92-07-093
220-57-430	AMD-P	92-03-151	220-110-170	AMD-P	92-11-082	222-16-070	NEW-S	92-11-069
220-57-430	AMD-W	92-04-011	220-110-170	AMD-W	92-15-095	222-16-070	NEW-E	92-12-038
220-57-430	AMD	92-11-012	220-110-180	AMD-P	92-11-082	222-16-070	NEW	92-15-011
220-57-43000G	NEW-E	92-19-037	220-110-180	AMD-W	92-15-095	222-16-080	NEW-P	92-07-093
220-57-435 220-57-435	AMD-P AMD	92-03-151 92-11-012	220-110-190 220-110-190	AMD-P AMD-W	92-11-082 92-15-095	222-16-080 222-16-080	NEW-S NEW	92-11-069 92-15-011
220-57-43500G	NEW-E	92-15-052	220-110-200	AMD-P	92-11-082	222-10-080	AMD-E	92-16-044
220-57-43500G	REP-E	92-18-068	220-110-200	AMD-W	92-15-095	222-20-080	AMD-P	92-19-142
220-57-43500H	NEW-E	92-18-068	220-110-210	AMD-P	92-11-082	222-22-010	NEW-P	92-07-093
220-57-450	AMD-P	92-03-151	220-110-210	AMD-W	92-15-095	222-22-010	NEW-S	92-11-069
220-57-450	AMD	92-11-012	220-110-220	AMD-P	92-11-082	222-22-010	NEW	92-15-011
220-57-45000H 220-57-455	NEW-E AMD-P	92-18-068 92-03-151	220-110-220 220-110-223	AMD-W NEW-P	92-15-095 92-11-082	222-22-020 222-22-020	NEW-P	92-07-093 92-11-069
220-57-455	AMD-P	92-03-131	220-110-223	NEW-P	92-11-082	222-22-020	NEW-S NEW	92-15-011
220-57-45500C	NEW-E	92-18-068	220-110-224	NEW-P	92-11-082	222-22-030	NEW-P	92-07-093
220-57-460	AMD-P	92-03-151	220-110-224	NEW-W	92-15-095	222-22-030	NEW-S	92-11-069
220-57-460	AMD	92-11-012	220-110-225	NEW-P	92-11-082	222-22-030	NEW	92-15-011
220-57-46000Y	NEW-E	92-07-035	220-110-225	NEW-W	92-15-095	222-22-040	NEW-P	92-07-093
220-57-465	AMD-P	92-03-151	220-110-250	AMD-P	92-11-082	222-22-040	NEW-S	92-11-069
220-57-465 220-57-46500F	AMD NEW-E	92-11-012 92-19-037	220-110-250 220-110-260	AMD-W REP-P	92-15-095 92-11-082	222-22-040 222-22-050	NEW NEW-P	92-15-011 92-07-093
220-57-470	AMD-W	92-04-011	220-110-260	REP-W	92-11-082	222-22-050	NEW-S	92-11-069
220-57-490	AMD-P	92-03-151	220-110-270	AMD-P	92-11-082	222-22-050	NEW	92-15-011
220-57-490	AMD-W	92-04-011	220-110-270	AMD-W	92-15-095	222-22-060	NEW-P	92-07-093
220-57-490	AMD	92-11-012	220-110-280	AMD-P	92-11-082	222-22-060	NEW-S	92-11-069
220-57-50500T	NEW-E	92-08-031	220-110-280	AMD-W	92-15-095	222-22-060	NEW	92-15-011
220-57-51500H 220-57A-180	NEW-E AMD-P	92-08-031 92-03-151	220-110-285 220-110-285	NEW-P NEW-W	92-11-082 92-15-095	222-22-070 222-22-070	NEW-P NEW-S	92-07-093 92-11-069
220-57A-180 220-57A-180	AMD-F	92-11-012	220-110-283	AMD-P	92-13-093	222-22-070	NEW-3	92-15-011
220-57A-18300C		92-16-021	220-110-290	AMD-W	92-15-095	222-22-080	NEW-P	92-07-093
220-69-25000A	NEW-E	92-11-004	220-110-300	AMD-P	92-11-082	222-22-080	NEW-S	92-11-069
220-88-010	NEW-P	92-09-129	220-110-300	AMD-W	92-15-095	222-22-080	NEW	92-15-011
220-88-010	NEW	92-19-012	220-110-320	AMD-P	92-11-082	222-22-090	NEW-P	92-07-093
220-88-020	NEW-P	92-09-129	220-110-320	AMD-W	92-15-095	222-22-090	NEW-S	92-11-069
220-88-020 220-88-030	NEW NEW-P	92-19-012 92-09-129 .	220-110-330 220-110-330	AMD-P AMD-W	92-11-082 92-15-095	222-22-090 222-22-100	NEW NEW-P	92-15-011 92-07-093
220-88-030	NEW-P	92-19-012	220-110-330	AMD-W	92-13-093	222-22-100	NEW-S	92-07-093
220-88-040	NEW-P	92-09-129	220-110-340	AMD-W	92-15-095	222-22-100	NEW	92-15-011
220-88-040	NEW	92-19-012	220-110-350	AMD-P	92-11-082	222-24-010	AMD-P	92-07-093
220-88-050	NEW-P	92-09-129	220-110-350	AMD-W	92-15-095	222-24-010	AMD-S	92-11-069
220-110	AMD-C	92-14-045	220-110-360	NEW-P	92-11-082	222-24-010	AMD	92-15-011
220-110-010	AMD-P	92-11-082 92-15-095	220-110-360	NEW-W	92-15-095	222-24-020 222-24-020	AMD-P	92-07-093 92-11-069
220-110-010 220-110-020	AMD-W AMD-P	92-13-093 92-11-082	222-12-040 222-12-040	AMD-S AMD	92-11-069 92-15-011	222-24-020	AMD-S AMD	92-11-069
220-110-020	AMD-P	92-11-082	222-12-046	NEW-P	92-07-093	222-24-025	AMD-P	92-07-093
220-110-030	AMD-P	92-11-082	222-12-046	NEW-S	92-11-069	222-24-025	AMD-S	92-11-069
220-110-030	AMD-W	92-15-095	222-12-046	NEW	92-15-011	222-24-025	AMD	92-15-011
220-110-035	NEW-P	92-11-082	222-12-090	AMD-P	92-07-093	222-24-030	AMD-P	92-07-093
220-110-035	NEW-W	92-15-095	222-12-090	AMD-S	92-11-069	222-24-030	AMD-S	92-11-069
220-110-050	AMD-P	92-11-082	222-12-090	AMD	92-15-113	222-24-030	AMD	92-15-011
220-110-050 220-110-060	AMD-W AMD-P	92-15-095 92-11-082	222-16-010 222-16-010	AMD AMD-E	92-03-028 92-06-004	222-24-030 222-24-035	AMD-P AMD-P	92-19-142 92-07-093
220-110-060	AMD-P AMD-W	92-11-082 92-15-095	222-16-010	AMD-E AMD-P	92-05-004	222-24-035	AMD-P AMD-S	92-07-093
220-110-000	AMD-W	92-13-093	222-16-010	AMD-F	92-11-069	222-24-035	AMD-3	92-11-009
220-110-070	AMD-W	92-15-095	222-16-010	AMD-E	92-12-038	222-24-040	AMD-P	92-07-093
220-110-080	AMD-P	92-11-082	222-16-010	AMD	92-15-011	222-24-040	AMD-S	92-11-069
220-110-080	AMD-W	92-15-095	222-16-020	AMD-P	92-07-093	222-24-040	AMD	92-15-011
220-110-090	REP-P	92-11-082	222-16-020	REP-S	92-11-069	222-24-040	AMD-P	92-19-142

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WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
222-24-050	AMD-P	92-07-093	230-50-010	AMD-P	92-14-018	232-28-233	NEW-P	92-06-078
222-24-050	AMD-P AMD-S	92-07-093 92-11-069	230-50-010	AMD-P	92-14-018	232-28-233	NEW-F	92-12-061
222-24-050	AMD-3	92-15-011	230-50-010	AMD-L AMD	92-19-107	232-28-234	NEW-P	92-06-079
222-24-060	AMD-P	92-07-093	230-50-012	AMD-P	92-14-018	232-28-234	NEW	92-12-062
222-24-060	AMD-S	92-11-069	230-50-012	AMD-E	92-14-019	232-28-235	NEW-P	92-06-080
222-24-060	AMD	92-15-011	230-50-012	AMD	92-19-107	232-28-235	NEW	92-12-063
222-30-010	AMD-P	92-07-093	230-50-015	NEW-P	92-14-018	232-28-415	REP-P	92-14-107
222-30-010	AMD-S	92-11-069	230-50-015	NEW-E	92-14-019	232-28-415	REP	92-18-085
222-30-010	AMD	92-15-011	230-50-015	NEW	92-19-107	232-28-416	NEW-P	92-14-107
222-30-020	AMD-P	92-07-093	230-50-018	NEW-P	92-14-018	232-28-416	NEW	92-18-085
222-30-020	AMD-S	92-11-069	230-50-018	NEW-E	92-14-019	232-28-512 232-28-512	REP-P REP	92-14-108 92-18-084
222-30-020 222-30-020	AMD AMD-E	92-15-011	230-50-018 230-50-150	NEW AMD-P	92-19-107 92-14-018	232-28-512	NEW-P	92-14-108
222-30-020	AMD-E	92-18-055 92-18-086	230-50-150	AMD-F	92-14-018	232-28-513	NEW	92-14-108
222-30-020	AMD-P	92-19-142	230-50-150	AMD-L AMD	92-19-107	232-28-61825	NEW-E	92-03-013
222-30-025	NEW-P	92-07-093	230-50-235	NEW-P	92-14-018	232-28-61826	NEW-E	92-05-022
222-30-025	NEW-S	92-11-069	230-50-235	NEW-E	92-14-019	232-28-61827	NEW-E	92-05-021
222-30-025	NEW	92-15-011	230-50-235	NEW	92-19-107	232-28-61828	NEW-E	92-05-019
222-30-040	AMD-P	92-07-093	230-50-580	AMD-E	92-06-033	232-28-61829	NEW-E	92-05-024
222-30-040	AMD-S	92-11-069	230-50-580	AMD-P	92-14-018	232-28-61830	NEW-E	92-08-067
222-30-040	AMD	92-15-011	230-50-580	AMD-E	92-14-020	232-28-61831	NEW-E	92-08-064
222-30-040	AMD-E	92-18-056	232-12-017	AMD-E	92-14-015	232-28-61901	NEW-P	92-02-088
222-30-050	AMD-P	92-07-093	232-12-019	AMD-P	92-17-069	232-28-61901	NEW D	92-07-038
222-30-050 222-30-050	AMD-S AMD	92-11-069 92-15-011	232-12-021 232-12-021	AMD-P AMD-C	92-02-086 92-05-018	232-28-61902 232-28-61902	NEW-P NEW	92-02-089 92-07-039
222-30-060	AMD-P	92-13-011	232-12-021	AMD-C	92-03-018	232-28-61903	NEW-P	92-02-090
222-30-060	AMD-S	92-11-069	232-12-021	AMD-E	92-14-014	232-28-61903	NEW-W	92-07-037
222-30-060	AMD	92-15-011	232-12-064	AMD-E	92-14-014	232-28-61904	NEW-P	92-02-091
222-30-070	AMD-P	92-07-093	232-12-074	AMD-P	92-02-086	232-28-61904	NEW	92-07-040
222-30-070	AMD-S	92-11-069	232-12-074	AMD-C	92-05-018	232-28-61905	NEW-P	92-02-092
222-30-070	AMD	92-15-011	232-12-074	AMD-W	92-12-057	232-28-61905	NEW	92-07-041
222-30-090	AMD-P	92-07-093	232-12-077	AMD-P	92-02-086	232-28-61906	NEW-P	92-02-093
222-30-090	AMD-S	92-11-069	232-12-077	AMD-C	92-05-018	232-28-61906	NEW	92-07-042
222-30-090	AMD	92-15-011	232-12-077	AMD-W	92-12-057 92-14-105	232-28-61907 232-28-61907	NEW-E NEW-P	92-05-020 92-06-073
222-30-100 222-30-100	AMD-P AMD-S	92-07-093 92-11-069	232-12-141 232-12-141	AMD-P AMD	92-14-103	232-28-61907	NEW-P	92-06-073
222-30-100	AMD-3	92-15-011	232-12-147	AMD-P	92-06-072	232-28-61908	NEW-P	92-06-074
222-30-100	NEW-P	92-07-093	232-12-147	AMD-E	92-08-066	232-28-61908	NEW	92-11-080
222-30-110	NEW-S	92-11-069	232-12-147	AMD	92-11-078	232-28-61909	NEW-P	92-09-136
222-30-110	NEW	92-15-011	232-12-160	NEW	92-09-076	232-28-61909	NEW-E	92-12-020
222-30-120	NEW	92-08-025	232-12-168	AMD-P	92-17-068	232-28-61909	NEW	92-16-064
222-34-040	AMD-P	92-07-093	232-12-170	NEW	92-09-076	232-28-61910	NEW-P	92-14-100
222-38-010	AMD-P	92-07-093	232-12-171	NEW	92-09-076	232-28-61910	NEW	92-19-001
222-38-010	AMD-S	92-11-069	232-12-175	NEW	92-09-076 92-09-076	232-28-61911	NEW-P NEW	92-14-101
222-38-010	AMD B	92-15-011	232-12-180	NEW NEW-P		232-28-61911		92-19-002
222-38-020 222-38-020	AMD-P AMD-S	92-07-093 92-11-069	232-12-242 232-12-267	AMD-P	92-17-070 92-02-086	232-28-61912 232-28-61912	NEW-P NEW	92-14-104 92-19-023
222-38-020	AMD-3	92-15-011	232-12-267	AMD-C	92-05-018	232-28-61913	NEW-P	92-14-102
222-38-030	NEW-P	92-07-093	232-12-267	AMD	92-12-064	232-28-61913	NEW	92-19-003
222-38-030	NEW-S	92-11-069	232-12-277	AMD-P	92-02-086	232-28-61914	NEW-P	92-14-103
222-38-030	NEW	92-15-011	232-12-277	AMD-C	92-05-018	232-28-61915	NEW-E	92-14-013
222-38-040	NEW-P	92-07-093	232-12-277	AMD	92-12-064	232-28-61916	NEW-P	92-17-067
222-38-040	NEW-S	92-11-069	232-28-022	AMD-P	92-02-085	232-28-61917	NEW-P	92-17-066
222-38-040	NEW	92-15-011	232-28-022	AMD	92-06-017	232-28-61918	NEW-P	92-17-06
230-04-020	AMD-P	92-19-013	232-28-022	AMD-P	92-09-042	232-28-61919	NEW-P	92-17-064
230-04-201 230-04-220	AMD-P	92-15-055	232-28-022 232-28-226	AMD AMD-P	92-12-065 92-06-075	232-28-61920 232-28-61920	NEW-P NEW-W	92-17-063 92-19-128
230-04-220	AMD-P AMD-P	92-19-013	232-28-226	AMD-P AMD	92-00-073	232-28-61920	NEW-W	92-19-12
230-08-010	AMD-P	92-14-018 92-19-107	232-28-220	AMD-P	92-12-038	232-28-61922	NEW-E	92-17-07
230-08-010	AMD-P	92-19-107	232-28-227	AMD-F	92-12-059	232-28-714	REP-P	92-02-09
230-08-025	AMD	92-19-107	232-28-227	AMD-P	92-14-106	232-28-714	REP	92-06-01
230-08-180	AMD-P	92-14-018	232-28-227	AMD	92-18-014	236-12-001	AMD	92-04-03
230-08-180	AMD-W	92-14-057	232-28-22701	NEW-E	92-12-019	236-12-010	REP	92-04-03
230-08-180	AMD-P	92-15-055	232-28-228	AMD-P	92-02-087	236-12-011	REP	92-04-036
230-08-240	REP-P	92-14-018	232-28-228	AMD	92-06-018	236-12-011	AMD-W	92-11-039
230-08-240	REP-W	92-14-057	232-28-228	AMD-P	92-06-077	236-12-012	REP	92-04-03
230-08-240	REP-P	92-15-055	232-28-228	AMD	92-12-060	236-12-013	REP	92-04-03
230-20-670	AMD-P	92-15-055	232-28-229	REP-P	92-06-078	236-12-014	REP	92-04-03
230-20-685	NEW-C	92-08-057	232-28-229	REP D	92-12-061	236-12-015	NEW	92-04-03
230-20-685 230-30-200	NEW AMD-P	92-19-10 <del>6</del> 92-16-039	232-28-230 232-28-230	REP-P REP	92-06-079 92-12-062	236-12-040 236-12-050	REP REP	92-04-03 92-04-03
4.7U-JU-ZUU					92-12-062		REP	
230-30-200	AMD	92-19-107	232-28-231	REP-P	92-UN-UXU	236-12-060	KEP	92-04-030

Table [ 18 ]

Table of WAC Sections Affected

WAC#		WSR #	WAC #		WSR #	WAC#		WSR #
226 12 122	DED	00.04.004	2.2.2.2					·
236-12-120 236-12-130	REP REP	92-04-036 92-04-036	242-02-020 242-02-020	NEW-E NEW-P	92-14-001 92-15-134	242-02-520	NEW-E	92-14-001
236-12-131	REP	92-04-036	242-02-030	NEW-E	92-13-134	242-02-520 242-02-530	NEW-P NEW-E	92-15-134 92-14-001
236-12-132	REP	92-04-036	242-02-030	NEW-P	92-15-134	242-02-530	NEW-P	92-15-134
236-12-133	REP	92-04-036	242-02-040	NEW-E	92-14-001	242-02-532	NEW-E	92-14-001
236-12-160	NEW	92-09-076	242-02-040	NEW-P	92-15-134	242-02-532	NEW-P	92-15-134
236-12-170	NEW	92-09-076	242-02-050	NEW-E	92-14-001	242-02-534	NEW-E	92-14-001
236-12-171 236-12-175	NEW NEW	92-09-076 92-09-076	242-02-050 242-02-052	NEW-P NEW-E	92-15-134 92-14-001	242-02-534	NEW-P	92-15-134
236-12-173	NEW	92-09-076	242-02-052	NEW-E NEW-P	92-14-001 92-15-134	242-02-540 242-02-540	NEW-E NEW-P	92-14-001 92-15-134
236-12-185	NEW	92-04-036	242-02-054	NEW-E	92-14-001	242-02-550	NEW-F	92-13-134
236-12-186	NEW	92-04-036	242-02-054	NEW-P	92-15-134	242-02-550	NEW-P	92-15-134
236-12-187	NEW	92-04-036	242-02-060	NEW-E	92-14-001	242-02-552	NEW-E	92-14-001
236-12-188 236-12-189	NEW NEW	92-04-036	242-02-060	NEW-P	92-15-134	242-02-552	NEW-P	92-15-134
236-12-189	NEW	92-04-036 92-04-036	242-02-070 242-02-070	NEW-E NEW-P	92-14-001 92-15-134	242-02-554 242-02-554	NEW-E	92-14-001
236-12-191	NEW	92-04-036	242-02-070	NEW-P	92-15-134	242-02-556	NEW-P NEW-E	92-15-134 92-14-001
236-12-200	AMD	92-04-036	242-02-074	NEW-E	92-14-001	242-02-556	NEW-P	92-15-134
236-12-220	AMD	92-04-036	242-02-074	NEW-P	92-15-134	242-02-558	NEW-E	92-14-001
236-12-225	REP	92-04-036	242-02-075	NEW-E	92-14-001	242-02-558	NEW-P	92-15-134
236-12-290 236-12-300	AMD AMD	92-04-037 92-04-037	242-02-080 242-02-080	NEW-E	92-14-001	242-02-560	NEW-E	92-14-001
236-12-300	AMD	92-04-037	242-02-080	NEW-P NEW-E	92-15-134 92-14-001	242-02-560 242-02-562	NEW-P NEW-P	92-15-134 92-15-134
236-12-340	REP	92-04-036	242-02-090	NEW-P	92-15-134	242-02-565	NEW-F	92-14-001
236-12-350	NEW	92-04-036	242-02-110	NEW-E	92-14-001	242-02-570	NEW-E	92-14-001
236-12-351	NEW	92-04-036	242-02-110	NEW-P	92-15-134	242-02-570	NEW-P	92-15-134
236-12-360 236-12-361	NEW	92-04-036	242-02-120	NEW-E	92-14-001	242-02-580	NEW-E	92-14-001
236-12-361	NEW NEW	92-04-036 92-04-036	242-02-120 242-02-130	NEW-P NEW-E	92-15-134 92-14-001	242-02-580 242-02-582	NEW-P	92-15-134
236-12-365	NEW	92-04-036	242-02-130	NEW-P	92-15-134	242-02-382	NEW-P NEW-E	92-15-134 92-14-001
236-12-370	NEW	92-04-036	242-02-140	NEW-E	92-14-001	242-02-610	NEW-E	92-14-001
236-12-371	NEW	92-04-036	242-02-140	NEW-P	92-15-134	242-02-610	NEW-P	92-15-134
236-12-372	NEW	92-04-036	242-02-150	NEW-P	92-15-134	242-02-612	NEW-P	92-15-134
236-14-010 236-14-010	NEW-P NEW-W	92-10-082 92-16-091	242-02-210 242-02-210	NEW-E NEW-P	92-14-001 92-15-134	242-02-620	NEW-E	92-14-001
236-14-010	NEW-W	92-16-102	242-02-210	NEW-P	92-13-134 92-14-001	242-02-620 242-02-630	NEW-P NEW-E	92-15-134 92-14-001
236-14-015	NEW-P	92-10-082	242-02-220	NEW-P	92-15-134	242-02-630	NEW-P	92-15-134
236-14-015	NEW-W	92-16-091	242-02-230	NEW-E	92-14-001	242-02-632	NEW-P	92-15-134
236-14-015	NEW-P	92-16-102	242-02-230	NEW-P	92-15-134	242-02-634	NEW-P	92-15-134
236-14-050 236-14-100	NEW-P NEW-P	92-16-102	242-02-240 242-02-240	NEW-E	92-14-001	242-02-640	NEW-E	92-14-001
236-14-100	NEW-W	92-10-082 92-16-091	242-02-240	NEW-P NEW-E	92-15-134 92-14-001	242-02-640 242-02-650	NEW-P NEW-E	92-15-134 92-14-001
236-14-100	NEW-P	92-16-102	242-02-250	NEW-P	92-15-134	242-02-650	NEW-P	92-15-134
236-14-200	NEW-P	92-16-102	242-02-260	NEW-E	92-14-001	242-02-660	NEW-E	92-14-001
236-14-300	NEW-P	92-16-102	242-02-260	NEW-P	92-15-134	242-02-660	NEW-P	92-15-134
236-14-900	NEW-P	92-10-082	242-02-270	NEW-E	92-14-001	242-02-670	NEW-E	92-14-001
236-14-900 236-14-900	NEW-W NEW-P	92-16-091 92-16-102	242-02-270 242-02-280	NEW-P NEW-E	92-15-134 92-14-001	242-02-670 242-02-680	NEW-P NEW-E	92-15-134 92-14-001
236-22-010	NEW-P	92-09-155	242-02-280	NEW-P	92-15-134	242-02-680	NEW-P	92-14-001
236-22-010	NEW	92-12-092	242-02-310	NEW-E	92-14-001	242-02-710	NEW-E	92-14-001
236-22-100	NEW-P	92-09-155	242-02-310	NEW-P	92-15-134	242-02-710	NEW-P	92-15-134
236-22-100 236-48-190	NEW AMD-P	92-12-092 92-05-042	242-02-320	NEW-E	92-14-001	242-02-720	NEW-E	92-14-001
236-48-190	AMD-P	92-03-042 92-09-016	242-02-320 242-02-330	NEW-P NEW-E	92-15-134 92-14-001	242-02-720 242-02-810	NEW-P NEW-E	92-15-134 92-14-001
240-10-040	AMD-E	92-09-096	242-02-330	NEW-P	92-15-134	242-02-810	NEW-E NEW-P	92-14-001
240-10-040	AMD-P	92-16-046	242-02-340	NEW-E	92-14-001	242-02-820	NEW-E	92-14-001
240-10-040	AMD	92-19-082	242-02-340	NEW-P	92-15-134	242-02-820	NEW-P	92-15-134
240-15-005	AMD-P	92-08-060	242-02-410	NEW-E	92-14-001	242-02-830	NEW-E	92-14-001
240-15-005 240-15-010	AMD AMD-P	92-11-017 92-08-060	242-02-410 242-02-420	NEW-P	92-15-134	242-02-830	NEW-P	92-15-134
240-15-010	AMD-F	92-11-017	242-02-420	NEW-E NEW-P	92-14-001 92-15-134	242-02-840 242-02-840	NEW-E NEW-P	92-14-001 92-15-134
240-15-015	AMD-P	92-08-060	242-02-430	NEW-E	92-14-001	242-02-840	NEW-F	92-13-134
240-15-015	AMD	92-11-017	242-02-430	NEW-P	92-15-134	242-02-850	NEW-P	92-15-134
240-15-020	AMD-P	92-08-060	242-02-440	NEW-E	92-14-001	242-02-860	NEW-E	92-14-001
240-15-020 240-15-025	AMD AMD-P	92-11-017	242-02-440	NEW-P	92-15-134	242-02-860	NEW-P	92-15-134
240-15-025 240-15-025	AMD-P AMD	92-08-060 92-11-017	242-02-450 242-02-450	NEW-E NEW-P	92-14-001 92-15-134	242-02-870 242-02-870	NEW-E	92-14-001
240-15-030	AMD-P	92-08-060	242-02-460	NEW-F NEW-E	92-13-134	242-02-880	NEW-P NEW-E	92-15-134 92-14-001
240-15-030	AMD	92-11-017	242-02-460	NEW-P	92-15-134	242-02-880	NEW-P	92-15-134
240-15-035	AMD-P	92-08-060	242-02-470	NEW-E	92-14-001	242-02-890	NEW-E	92-14-001
240-15-035 242-02-010	AMD NEW-E	92-11-017 92-14-001	242-02-470 242-02-510	NEW-P	92-15-134	242-02-890	NEW-P	92-15-134
242-02-010	NEW-E NEW-P	92-14-001 92-15-134	242-02-510	NEW-E NEW-P	92-14-001 92-15-134	242-02-892 242-02-910	NEW-P NEW-E	92-15-134 92-14-001
				[ 10 ]	/= 10 157	. 272-02-710	MEW-E	74-14-WI

[ 19 ] Table

IEW-P IEW-E IEW-P IEW-E IEW-P	WSR #  92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001	246-215-010 246-215-010 246-215-019 246-215-019 246-215-020 246-215-020 246-215-029 246-215-030 246-215-030 246-215-039 246-215-040 246-215-040 246-215-040 246-215-050 246-215-050 246-215-050 246-215-050 246-215-050 246-215-060 246-215-060 246-215-060 246-215-060 246-215-070 246-215-070 246-215-070 246-215-070 246-215-070 246-215-070 246-215-070 246-215-079 246-215-079 246-215-079 246-215-079 246-215-080 246-215-080	NEW-P NEW REP-P REP NEW-P	WSR #  92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112	246-215-190 246-215-199 246-215-199 246-215-200 246-215-200 246-215-209 246-215-210 246-215-210 246-215-219 246-215-219 246-215-219 246-215-220 246-215-220 246-215-220 246-215-230 246-215-230 246-215-230 246-215-230 246-215-230 246-215-250 246-215-250 246-215-250 246-215-260 246-215-260 246-215-270 246-215-270 246-215-270 246-215-270 246-215-270 246-215-270	NEW REP-P REP NEW-P	92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112
IEW-E IEW-P	92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134	246-215-010 246-215-019 246-215-020 246-215-020 246-215-029 246-215-029 246-215-030 246-215-039 246-215-039 246-215-040 246-215-040 246-215-049 246-215-050 246-215-050 246-215-050 246-215-059 246-215-059 246-215-060 246-215-060 246-215-069 246-215-069 246-215-070 246-215-070 246-215-070 246-215-070 246-215-079 246-215-079 246-215-079 246-215-079 246-215-079	NEW REP-P REP NEW-P	92-08-112 92-03-142 92-08-112	246-215-199 246-215-199 246-215-200 246-215-200 246-215-209 246-215-209 246-215-210 246-215-210 246-215-219 246-215-219 246-215-220 246-215-220 246-215-229 246-215-229 246-215-230 246-215-230 246-215-230 246-215-230 246-215-240 246-215-250 246-215-250 246-215-250 246-215-250 246-215-260 246-215-260 246-215-270 246-215-270	REP-P REP NEW-P NEW-P REP-P REP NEW-P	92-03-142 92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-03-142 92-03-142
IEW-E IEW-P	92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134	246-215-010 246-215-019 246-215-020 246-215-020 246-215-029 246-215-029 246-215-030 246-215-039 246-215-039 246-215-040 246-215-040 246-215-049 246-215-050 246-215-050 246-215-050 246-215-059 246-215-059 246-215-060 246-215-060 246-215-069 246-215-069 246-215-070 246-215-070 246-215-070 246-215-070 246-215-079 246-215-079 246-215-079 246-215-079 246-215-079	NEW REP-P REP NEW-P	92-08-112 92-03-142 92-08-112	246-215-199 246-215-199 246-215-200 246-215-200 246-215-209 246-215-209 246-215-210 246-215-210 246-215-219 246-215-219 246-215-220 246-215-220 246-215-229 246-215-229 246-215-230 246-215-230 246-215-230 246-215-230 246-215-240 246-215-250 246-215-250 246-215-250 246-215-250 246-215-260 246-215-260 246-215-270 246-215-270	REP-P REP NEW-P NEW-P REP-P REP NEW-P	92-03-142 92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-03-142 92-03-142
IEW-P IEW-P IEW-E IEW-P	92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001	246-215-019 246-215-020 246-215-020 246-215-029 246-215-029 246-215-030 246-215-030 246-215-039 246-215-039 246-215-040 246-215-040 246-215-049 246-215-050 246-215-050 246-215-050 246-215-059 246-215-060 246-215-060 246-215-069 246-215-069 246-215-070 246-215-070 246-215-070 246-215-079 246-215-079 246-215-079 246-215-079 246-215-079	REP-P REP NEW-P	92-03-142 92-08-112 92-03-142 92-08-112 92-03-142	246-215-199 246-215-200 246-215-209 246-215-209 246-215-209 246-215-210 246-215-210 246-215-219 246-215-219 246-215-220 246-215-220 246-215-229 246-215-229 246-215-230 246-215-230 246-215-239 246-215-239 246-215-240 246-215-250 246-215-260 246-215-260 246-215-260 246-215-270 246-215-270	REP NEW-P NEW REP-P REP NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P	92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112
IEW-E IEW-P IEW-P IEW-P IEW-P IEW-E IEW-P IEW-E IEW-P IEW-E IEW-P	92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134	246-215-019 246-215-020 246-215-029 246-215-029 246-215-030 246-215-030 246-215-039 246-215-040 246-215-040 246-215-049 246-215-050 246-215-050 246-215-050 246-215-059 246-215-059 246-215-060 246-215-060 246-215-069 246-215-069 246-215-070 246-215-070 246-215-070 246-215-070 246-215-079 246-215-079 246-215-079 246-215-079	REP NEW-P NEW REP-P REW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P	92-08-112 92-03-142 92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112	246-215-200 246-215-209 246-215-209 246-215-210 246-215-210 246-215-210 246-215-219 246-215-219 246-215-220 246-215-220 246-215-229 246-215-229 246-215-230 246-215-230 246-215-230 246-215-239 246-215-240 246-215-250 246-215-250 246-215-250 246-215-250 246-215-260 246-215-270 246-215-270	NEW-P NEW REP-P REP NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P NEW-P	92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142
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NEW-P NEW-E NEW-P	92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134 92-14-001 92-15-134	246-215-029 246-215-030 246-215-030 246-215-039 246-215-039 246-215-040 246-215-049 246-215-049 246-215-050 246-215-050 246-215-059 246-215-059 246-215-060 246-215-069 246-215-069 246-215-070 246-215-070 246-215-070 246-215-070 246-215-070 246-215-079 246-215-079 246-215-079 246-215-079	REP-P REP NEW-P	92-08-112 92-03-142 92-08-112 92-08-12 92-08-12 92-08-12 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112	246-215-210 246-215-210 246-215-219 246-215-219 246-215-220 246-215-220 246-215-229 246-215-229 246-215-230 246-215-230 246-215-239 246-215-239 246-215-240 246-215-250 246-215-250 246-215-250 246-215-260 246-215-260 246-215-270 246-215-270	NEW-P NEW REP-P NEW-P	92-03-142 92-08-112 92-03-142 92-03-142 92-03-142 92-03-142 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142 92-08-112 92-03-142
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NEW-P NEW-E NEW-P NEW-E	92-15-134 92-14-001 92-15-134	246-215-080	NEW-P			NEW-P	92-03-142
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NEW-E		246-215-089	REP-P	92-03-142	246-215-290	NEW	92-08-112
NEW_P	77-14-(8)	246-215-089	REP	92-08-112	246-215-300	NEW-P	92-03-142
	92-15-134	246-215-090	NEW-P	92-03-142	246-215-300	NEW	92-08-112
NEW-E	92-14-001	246-215-090	NEW	92-08-112	246-215-500	REP-P	92-03-142
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NEW-E	92-14-001	246-215-099	REP	92-08-112	246-215-900	REP-P	92-03-142
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NEW-P							92-14-093
							92-05-011
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			REP-P			NEW	92-06-008
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			NEW	92-08-112	246-239-025	NEW	92-06-008
	92-04-071	246-215-129	REP-P	92-03-142	246-240-010	NEW	92-06-008
AMD	92-10-027	246-215-129	REP				92-13-074
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				92-03-142	246-290-990	AMD-P	92-19-083
		246-215-159	REP	92-08-112	246-310-020	AMD	92-05-057
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						AMD-P	92-15-085
				92-03-142	246-316-990	AMD-P	92-07-097
	NEW-P NEW-E NEW-P NEW-P NEW-P NEW-P NEW-S	NEW-P 92-15-134 NEW-E 92-14-001 NEW-P 92-15-134 NEW 92-07-080 AMD-S 92-03-143 AMD-S 92-04-071 AMD 92-10-027 AMD-S 92-03-143 AMD-S 92-04-071 AMD 92-10-027 AMD-S 92-04-071 NEW 92-10-027 NEW-S 92-03-143 NEW-S 92-04-071 NEW 92-10-027 NEW-S 92-03-142 AMD 92-08-112 REP-P 92-03-142	NEW-P NEW-P NEW-P NEW-E NEW-E NEW-B NEW-S	NEW-P NEW-E NEW-E NEW-E NEW-B NEW-S NEW-B NEW-S	NEW-P 92-15-134 246-215-100 NEW-P 92-03-142 NEW-E 92-14-001 246-215-100 NEW 92-08-112 NEW-P 92-15-134 246-215-109 REP-P 92-03-142 NEW-P 92-07-080 246-215-109 REP-P 92-03-142 NEW-P 92-07-080 246-215-109 REP-P 92-03-142 NEW-P 92-03-143 246-215-110 NEW-P 92-03-142 NEW-P 92-03-143 246-215-110 NEW-P 92-03-142 NEW-P 92-03-143 246-215-110 NEW-P 92-03-142 NEW-P 92-03-143 246-215-119 REP-P 92-03-142 NEW-P 92-03-143 246-215-120 NEW-P 92-03-142 NEW-P 92-03-142 NEW-P 92-03-142 NEW-P 92-03-142 NEW-P 92-03-142 NEW-P 92-03-143 246-215-129 REP-P 92-03-142 NEW-S 92-03-143 246-215-130 NEW-P 92-03-142 NEW-S 92-03-143 246-215-130 NEW-P 92-03-142 NEW-S 92-03-143 246-215-130 NEW-P 92-03-142 NEW-S 92-03-143 246-215-139 REP-P 92-03-142 NEW-S 92-04-071 246-215-139 REP-P 92-03-142 NEW-S 92-04-071 246-215-140 NEW-P 92-03-142 NEW-S 92-04-071 246-215-140 NEW-P 92-03-142 NEW-S 92-04-071 246-215-140 NEW-P 92-03-142 NEW-S 92-03-143 246-215-150 NEW-P 92-03-142 NEW-S 92-03-143 246-215-160 NEW-P 92-03-142 NEW-S 92-03-142 NEW-S 92-03-143 REP-P 92-03-142 REP-P 92-03-142 REP-P 92-03-142 REP-P 92-03-142 REP-P 92-03-142 REP-P 92-03-142 REP-P 92	NEW-P 92-15-134	NEW-P 92-15-134 246-215-100 NEW-P 92-03-142 246-217-030 AMD-P NEW-P 92-15-134 246-215-100 NEW 92-08-112 246-217-030 AMD-P NEW-P 92-15-134 246-215-109 REP-P 92-03-142 246-217-030 AMD-P NEW-P 92-03-142 246-217-030 AMD-P NEW-P 92-03-142 246-217-030 AMD-P NEW-P 92-03-142 246-217-030 AMD NEW-P 92-03-142 246-217-030 AMD NEW-P 92-03-142 246-217-030 AMD NEW-P 92-03-142 246-215-109 NEW-P 92-03-142 246-225-160 NEW AMD-S 92-03-143 246-215-110 NEW-P 92-03-142 246-225-160 NEW AMD-S 92-03-143 246-215-119 REP-P 92-03-142 246-235-075 NEW-P 92-03-143 246-215-119 REP-P 92-03-142 246-239-010 AMD NEW-P 92-03-142 246-239-010 AMD NEW-P 92-03-142 246-239-010 NEW-P 92-03-142 246-239-015 NEW-P NEW-P 92-03-142 246-240-010 NEW-P NEW-P 92-03-142 246-240-010 NEW-P NEW-P 92-03-142 246-240-010 NEW-P NEW-P 92-03-142 246-240-015 NEW-P NEW-P 92-03-142 246-240-015 NEW-P NEW-P 92-03-142 246-240-015 NEW-P NEW-P 92-03-142 246-240-050 NEW-P 92-03-142 246-240-050 NEW-P NEW-P 92-03-142 246-240-050 NEW-P 92-03-143 246-215-139 REP-P 92-03-142 246-243-050 AMD NEW-P 92-03-143 246-215-139 REP-P 92-03-142 246-243-050 AMD NEW-P 92-03-143 246-215-140 NEW-P 92-03-142 246-290-010 AMD NEW-P 92-03-142 246-290-010 AMD NEW-P 92-03-142 246-290-010 AMD NEW-P 92-03-143 246-215-140 NEW-P 92-03-142 246-290-310 AMD NEW-P 92-03-143 246-215-140 NEW-P 92-03-142 246-290-300 AMD NEW-P 92-03-143 246-215-150 NEW-P 92-03-142 246-290-300 AMD NEW-P 92-03-143 246-215-160 NEW-P 92-03-142 246-290-300 AMD NEW-P 92-03-143 246-215-160 NEW-P 92-03-142 246-310-132 AMD-P NEW-P 92-03-143 246-215-160 NEW-P 92-03-142 246-310-133 AMD-P NEW-P 92-03-144 246-310-326 NEW-P 92-03-144 246-310-326

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WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
246-316-990	AMD	92-12-086	246-762-040	AMD-P	92-02-096	246 016 510	AMD	02.05.012
246-318-040	AMD-P	92-12-086	246-762-040	AMD-P	92-02-096	246-816-510 246-816-610	AMD NEW-W	92-05-012 92-05-085
246-318-042	NEW-P	92-15-085	246-790-010	AMD-P	92-17-077	246-816-620	NEW-W	92-05-085
246-318-990	AMD-P	92-07-097	246-790-020	REP-P	92-17-077	246-816-630	NEW-W	92-05-085
246-318-990	AMD	92-12-028	246-790-050	AMD-P	92-17-077	246-816-640	NEW-W	92-05-085
246-321-018	NEW-P	92-15-085	246-790-060	AMD-P	92-17-077	246-816-650	NEW-W	92-05-085
246-322-990	AMD-P	92-07-097	246-790-070	AMD-P	92-17-077	246-816-660	NEW-W	92-05-085
246-322-990	AMD	92-12-028	246-790-080	AMD-P	92-17-077	246-816-670	NEW-W	92-05-085
246-322-991	AMD-P	92-07-097	246-790-090	AMD-P	92-17-077	246-816-680	NEW-W	92-05-085
246-322-991	AMD	92-12-028	246-790-100	AMD-P	92-17-077	246-816-701	NEW-W	92-06-063
246-323-022	NEW-P	92-15-085	246-790-110	AMD-P	92-17-077	246-816-701	NEW-P	92-06-064
246-323-990	AMD-P	92-10-014	246-790-120	AMD-P	92-17-077	246-816-701	NEW	92-09-069
246-323-990	AMD	92-15-048	246-790-130	AMD-P	92-17-077	246-816-710	NEW-W	92-06-063
246-325-022	NEW-P	92-15-085	246-802-025	NEW-P	92-14-128	246-816-710	NEW-P	92-06-064
246-325-990	AMD-P	92-10-014	246-802-025	NEW	92-17-035	246-816-710	NEW	92-09-069
246-325-990	AMD	92-15-048	246-802-030	AMD-P	92-14-128	246-816-720	NEW-W	92-06-063
246-326-990	AMD-P	92-07-097	246-802-030	AMD	92-17-035	246-816-720	NEW-P	92-06-064
246-326-990	AMD	92-12-028	246-802-090	AMD-P	92-14-128	246-816-720	NEW	92-09-069
246-327-090	NEW-P	92-15-085	246-802-090	AMD	92-17-035	246-816-730	NEW-W	92-06-063
246-327-990	AMD-P	92-10-013	246-802-130	AMD-P	92-14-128	246-816-730	NEW-P	92-06-064
246-327-990	AMD	92-15-084	246-802-130	AMD	92-17-035	246-816-730	NEW	92-09-069
246-329-035 246-331-100	NEW-P	92-15-085 92-15-085	246-802-150	REP-P REP	92-14-128	246-816-740	NEW-W	92-06-063
	AMD-P	92-13-083	246-802-150 246-802-160		92-17-035	246-816-740	NEW-P	92-06-064
246-331-990 246-331-990	AMD-P AMD	92-10-013 92-15-084	246-802-160	AMD-P AMD	92-14-128 92-17-035	246-816-740	NEW	92-09-069
246-336-100	AMD-P	92-15-085	246-802-160	AMD-P	92-17-033 92-14-128	246-818-990 246-818-990	AMD-P AMD-E	92-13-009
246-336-990	AMD-P	92-13-083	246-802-240	AMD-F	92-14-128	246-818-990	AMD-E	92-13-010
246-336-990	AMD-I	92-15-084	246-802-250	AMD-P	92-14-128	246-828-005	NEW-W	92-17-059 92-09-109
246-340-085	NEW-P	92-15-085	246-802-250	AMD-F	92-14-126	246-830-401	AMD-P	92-09-109
246-358-001	AMD	92-04-082	246-802-990	AMD-P	92-14-128	246-830-401	AMD-P	92-15-153
246-358-010	AMD	92-04-082	246-802-990	AMD	92-17-035	246-830-410	AMD-P	92-03-139
246-358-025	AMD	92-04-082	246-806-050	REP-P	92-12-090	246-830-410	AMD	92-15-153
246-358-035	AMD	92-04-082	246-806-050	REP	92-17-026	246-830-420	AMD-P	92-03-139
246-358-045	AMD	92-04-082	246-806-060	AMD-P	92-12-090	246-830-420	AMD	92-15-153
246-358-055	AMD	92-04-082	246-806-060	AMD	92-17-026	246-830-430	AMD-P	92-03-139
246-358-075	AMD	92-04-082	246-806-070	AMD-P	92-12-090	246-830-430	AMD	92-15-153
246-358-095	AMD	92-04-082	246-806-070	AMD	92-17-026	246-830-440	AMD-P	92-03-139
246-358-105	AMD	92-04-082	246-806-085	NEW-P	92-12-090	246-830-440	AMD	92-15-153
246-358-115	AMD	92-04-082	246-806-085	NEW	92-17-026	246-830-450	AMD-P	92-03-139
246-358-125	AMD	92-04-082	246-806-090	AMD-P	92-12-090	246-830-450	AMD	92-15-153
246-358-135	AMD	92-04-082	246-806-090	AMD	92-17-026	246-836-210	NEW-P	92-02-097
246-358-145	AMD	92-04-082	246-806-180	AMD-P	92-12-090	246-836-210	NEW	92-06-020
246-358-155	AMD	92-04-082	246-806-180	AMD	92-17-026	246-838-010	AMD-P	92-12-088
246-358-175	AMD	92-04-082	246-806-990	AMD-P	92-03-140	246-838-010	AMD	92-17-023
246-360-990	AMD-P	92-17-034	246-806-990	AMD	92-07-017	246-838-030	AMD-P	92-12-088
246-388-070	AMD-P	92-15-085	246-807-300	AMD-E	92-09-080	246-838-030	AMD	92-17-023
246-388-072	NEW-P	92-15-085	246-807-300	RESCIND	92-12-007	246-838-050	AMD-P	92-12-088
246-390-001	NEW-P	92-07-078	246-807-300	AMD-E	92-12-008	246-838-050	AMD	92-17-023
246-390-001	NEW	92-15-152	246-807-300	AMD-E	92-18-031	246-838-240	AMD-P	92-12-088
246-390-010	NEW-P	92-07-078	246-807-300	AMD-P	92-18-032	246-838-240	AMD	92-17-023
246-390-010 246-390-020	NEW NEW-P	92-15-152	246-807-480	NEW-P	92-06-065	246-838-320	NEW-P	92-12-088
246-390-020	NEW-P NEW	92-07-078 92-15-152	246-807-480 246-807-480	NEW-E NEW	92-06-066	246-838-320	NEW	92-17-023
246-390-020	NEW-P	92-13-132	I	AMD	92-11-009 92-03-006	246-839-300	AMD-P	92-14-126
246-390-030	NEW-P	92-07-078	246-815-031 246-815-090	AMD-P	92-03-006	246-839-310 246-839-320	AMD-P	92-14-126 92-14-126
246-390-040	NEW-P	92-07-078	246-815-090	AMD-F	92-11-014	246-839-330	AMD-P AMD-P	92-14-126
246-390-040	NEW	92-15-152	246-815-115	NEW	92-13-033	246-847-010	AMD-P	92-09-153
246-390-050	NEW-P	92-07-078	246-816-050	AMD	92-05-120	246-847-010	AMD-F	92-18-015
246-390-050	NEW	92-15-152	246-816-160	NEW-P	92-03-012	246-847-055	NEW-P	92-09-153
246-390-060	NEW-P	92-07-078	246-816-160	NEW-W	92-06-007	246-847-065	AMD-P	92-09-153
246-390-060	NEW	92-15-152	246-816-201	AMD	92-05-012	246-847-065	AMD	92-18-015
246-390-070	NEW-P	92-07-078	246-816-210	AMD	92-05-012	246-847-068	NEW-P	92-09-153
246-390-070	NEW	92-15-152	246-816-230	AMD	92-05-012	246-847-070	AMD-P	92-09-153
246-390-100	NEW-P	92-07-078	246-816-240	AMD-P	92-17-019	246-847-080	AMD-P	92-09-153
246-390-100	NEW	92-15-152	246-816-250	AMD	92-05-012	246-847-080	AMD	92-18-015
246-390-990	NEW-P	92-15-149	246-816-250	AMD-P	92-17-019	246-847-110	AMD-P	92-09-153
246-390-990	NEW-C	92-17-057	246-816-260	AMD	92-05-012	246-847-110	AMD	92-18-015
246-510-400	NEW-P	92-07-077	246-816-301	AMD	92-05-012	246-847-117	NEW-P	92-09-153
246-510-400	NEW	92-14-055	246-816-310	AMD	92-05-012	246-847-117	NEW	92-18-015
246-762-010	AMD-P	92-02-096	246-816-360	AMD	92-05-012	246-847-125	NEW-P	92-09-153
246-762-010	AMD	92-06-067	246-816-370	AMD	92-05-012	246-847-340	NEW-P	92-09-153
246-762-020	AMD-P	92-02-096	246-816-390	AMD	92-05-012	246-847-340	NEW	92-18-015
246-762-020	AMD	92-06-067	246-816-410	AMD	92-05-012	246-847-350	NEW-P	92-09-153
				[ 21 ]				T-11-

[21] Table

WAC #		WSR #	WAC#		WSR #	WAC #	<del></del>	WSR #
246-847-350	NEW	92-18-015	246-861-020	AMD	92-03-029	246-875-060	AMD-P	92-07-098
246-847-360 246-847-360	NEW-P	92-09-153	246-861-030	AMD	92-03-029	246-875-060	AMD	92-12-035
246-847-360	NEW	92-18-015	246-861-040	AMD	92-03-029	246-875-060	AMD-P	92-18-044
246-847-370	NEW-P	92-09-153	246-861-050	AMD	92-03-029	246-875-070	AMD-P	92-07-098
246-847-370	NEW	92-18-015	246-861-060	AMD	92-03-029	246-875-070	AMD	92-12-035
246-849-200	NEW-P	92-19-099	246-861-070	REP	92-03-029	246-875-070	AMD-P	92-18-044
246-849-210	NEW-P	92-19-099	246-861-080	REP	92-03-029	246-875-080	AMD-P	92-07-098
246-849-220	NEW-P	92-19-099	246-861-090	AMD	92-03-029	246-875-080	AMD	92-12-035
246-849-230	NEW-P	92-19 <b>-09</b> 9	246-861-095	NEW	92-03-029	246-875-080	AMD-P	92-18-044
246-849-240	NEW-P	92-19-099	246-861-100	REP	92-03-029	246-875-090	REP-P	92-07-098 92-12-035
246-849-250	NEW-P	92-19-099	246-861-110	REP	92-03-029	246-875-090 246-879-010	REP AMD-P	92-12-033
246-849-260	NEW-P	92-19-099	246-861-120	AMD NEW-P	92-03-029 92-18-043	246-879-010	AMD-I	92-15-069
246-849-270	NEW-P	92-19-099	246-863-035 246-863-060	AMD-P	92-07-098	246-879-020	AMD-P	92-07-098
246-849-280	NEW-P	92-19-099 92-19-099	246-863-060	AMD-F	92-12-035	246-879-020	AMD-W	92-10-026
246-849-980 246-851-030	NEW-P REP-P	92-19-099	246-863-070	AMD-P	92-07-098	246-879-020	AMD-P	92-10-070
246-851-030	REP	92-06-030	246-863-070	AMD	92-12-035	246-879-020	AMD	92-15-069
246-851-050	REP-P	92-02-095	246-863-080	AMD-P	92-03-124	246-879-030	AMD-P	92-07-098
246-851-050	REP	92-06-030	246-863-080	AMD-P	92-07-098	246-879-030	AMD-W	92-10-026
246-851-090	AMD-P	92-02-095	246-863-080	AMD-W	92-08-061	246-879-030	AMD-P	92-10-070
246-851-090	AMD	92-06-030	246-863-080	AMD	92-12-035	246-879-030	AMD	92-15-069
246-851-270	PREP	92-03-032	246-863-090	AMD-P	92-07-098	246-879-040	AMD-P	92-07-098
246-851-270	AMD-P	92-14-092	246-863-090	AMD	92-12-035	246-879-040	AMD-W	92-10-026
246-851-360	PREP	92-03-032	246-863-110	AMD-P	92-07-098	246-879-040	AMD-P	92-10-070 92-15-069
246-851-360	AMD-P	92-14-092	246-863-110	AMD NEW-P	92-12-035 92-16-096	246-879-040 246-879-050	AMD AMD-P	92-13-009
246-851-390	AMD-P	92-16-080	246-863-130		92-16-098	246-879-050	AMD-F	92-15-069
246-851-440	NEW-P	92-02-095	246-865-030 246-865-030	AMD-P AMD	92-12-035	246-879-060	AMD-P	92-10-070
246-851-440	NEW NEW-P	92-06-030 92-02-095	246-865-060	AMD-P	92-07-098	246-879-060	AMD	92-15-069
246-851-450 246-851-450	NEW-P	92-06-030	246-865-060	AMD	92-12-035	246-879-070	AMD-P	92-07-098
246-851-460	NEW-P	92-02-095	246-865-070	AMD-P	92-07-098	246-879-070	AMD-W	92-10-026
246-851-460	NEW	92-06-030	246-865-070	AMD	92-12-035	246-879-070	AMD-P	92-10-070
246-851-470	NEW-P	92-02-095	246-867-010	AMD-P	92-07-098	246-879-070	AMD	92-15-069
246-851-470	NEW	92-06-030	246-867-010	AMD	92-12-035	246-879-080	AMD-P	92-07-098
246-851-480	NEW-P	92-02-095	246-867-060	AMD-P	92-07-098	246-879-080	AMD-W	92-10-026
246-851-480	NEW	92-06-030	246-867-060	AMD	92-12-035	246-879-080	AMD-P	92-10-070
246-851-490	NEW-P	92-02-095	246-869-020	AMD-P	92-07-098	246-879-080	AMD	92-15-069 92-10-070
246-851-490	NEW	92-06-030	246-869-020	AMD	92-12-035	246-879-100 246-879-100	NEW-P NEW	92-10-070
246-851-490	AMD-P	92-16-080	246-869-050 246-869-050	AMD-P AMD	92-07-098 92-12-035	246-879-110	NEW-P	92-10-070
246-851-500	NEW-P	92-16-080	246-869-030	AMD-P	92-12-033	246-879-110	NEW	92-15-069
246-851-510	NEW-P	92-16-080 92-14-092	246-869-070	AMD	92-12-035	246-879-120	NEW	92-15-069
246-851-520 246-851-530	NEW-P NEW-P	92-14-092	246-869-095	NEW-P	92-03-095	246-883-020	AMD-P	92-03-096
246-851-990	AMD	92-06-029	246-869-095	NEW	92-14-032	246-883-020	AMD	92-09-070
246-851-990	AMD-P	92-17-011	246-869-100	AMD-P	92-07-098	246-883-025	NEW-P	92-04-041
246-851-990	AMD-C	92-17-058	246-869-100	AMD	92-12-035	246-883-025	NEW	92-09-072
246-853-025	NEW-P	92-13-065	246-869-120	AMD-P	92-07-098	246-883-030	AMD-P	92-03-096
246-853-045	NEW-P	92-13-065	246-869-120	AMD	92-12-035	246-883-030	AMD-W	92-09-00
246-853-135	NEW-P	92-13-065	246-869-190	AMD-P	92-07-098	246-883-030	AMD-P	92-18-046
246-853-400	NEW-P	92-13-065	246-869-190	AMD	92-12-035	246-883-040	AMD-P	92-07-098
246-853-990	AMD-P	92-06-028	246-869-210	AMD-P	92-07-098	246-883-040	AMD	92-12-03: 92-03-090
246-853-990	AMD	92-14-054	246-869-210	AMD D	92-12-035 92-07-098	246-883-050 246-883-050	NEW-P NEW	92-03-09
246-857-020	AMD-P	92-07-098	246-869-220 246-869-220	AMD-P AMD	92-07-098	246-886-020	AMD-P	92-07-09
246-857-020	AMD B	92-12-035 92-07-098	246-869-235	NEW-P	92-12-033	246-886-020	AMD	92-12-03
246-857-180	AMD-P AMD	92-12-035	246-869-240	AMD-P	92-04-040	246-886-030	AMD-P	92-07-09
246-857-180 246-857-320	AMD-P	92-12-033	246-869-240	AMD	92-08-058	246-886-030	AMD	92-12-03
246-857-320	AMD-I	92-12-035	246-869-245	NEW-P	92-18-045	246-886-060	AMD-P	92-07-09
246-857-330	AMD-P	92-07-098	246-869-255	NEW-P	92-18-045	246-886-060	AMD	92-12-03
246-857-330	AMD	92-12-035	246-871-040	AMD-P	92-07-098	246-887-020	AMD	92-04-02
246-857-340	AMD-P	92-07-098	246-871-040	AMD	92-12-035	246-887-040	AMD	92-04-02
246-857-340	AMD	92-12-035	246-873-060	AMD-P	92-07-098	246-887-050	AMD-P	92-07-09
246-858-020	AMD-P	92-07-098	246-873-060	AMD	92-12-035	246-887-050	AMD	92-12-03
246-858-020	AMD	92-12-035	246-873-080	AMD-P	92-07-098	246-887-060	AMD-P	92-07-09
246-858-030	AMD-P	92-07-098	246-873-080	AMD	92-12-035	246-887-060	AMD	92-12-03
246-858-030	AMD	92-12-035	246-875-001	AMD-P	92-18-044	246-887-070	AMD-P	92-07-09
246-858-040	AMD-P	92-07-098	246-875-010	AMD-P	92-18-044	246-887-070	AMD	92-12-03
246-858-040	AMD	92-12-035	246-875-020	AMD-P	92-07-098	246-887-100	AMD NEW-P	92-04-02 92-18-04
246-858-060	AMD-P	92-07-098	246-875-020	AMD B	92-12-035 92-18-044	246-887-131 246-887-140	AMD	92-18-04
246-858-060	AMD	92-12-035	246-875-020	AMD-P		246-887-160	AMD	92-04-02
	4 3 4 5 5	00 00 000	746 076 070					
246-858-070 246-858-070	AMD-P AMD	92-07-098 92-12-035	246-875-030 246-875-040	AMD-P AMD-P	92-18-044 92-18-044	246-887-170	AMD	92-04-02

Table [ 22 ]

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
246-887-200	AMD	92-12-035	246-917-125	NEW	92-08-021	246-920-030	AMD-E	92-07-058
246-887-210	NEW-P	92-04-042	246-917-126	NEW	92-08-021	246-920-030	RESCIND	92-07-096
246-887-210	NEW	92-09-071	246-917-990	AMD	92-08-062	246-920-030	AMD-E	92-07-096
246-889-020	AMD-P	92-07-098	246-918-005	NEW-P	92-08-063	246-920-030	AMD-P	92-10-069
246-889-020	AMD	92-12-035	246-918-005	NEW	92-12-089	246-922-990	AMD-P	92-06-058
246-889-030 246-889-030	AMD-P AMD	92-07-098 92-12-035	246-918-006 246-918-006	NEW-P NEW	92-08-063 92-12-089	246-922-990 246-924-115	AMD	92-14-053
246-889-040	AMD-P	92-12-033	246-918-007	NEW-P	92-08-063	246-924-115	NEW-P NEW-E	92-15-151 92-15-154
246-889-040	AMD	92-12-035	246-918-007	NEW	92-12-089	246-924-355	NEW-P	92-15-148
246-893-020	AMD-P	92-07-098	246-918-008	NEW-P	92-08-063	246-924-991	NEW-E	92-03-107
246-893-020	AMD	92-12-035	246-918-008	NEW	92-12-089	246-924-991	NEW-P	92-03-141
246-893-030	AMD-P	92-07-098	246-918-020	REP-P	92-08-063	246-924-991	NEW-W	92-07-016
246-893-030	AMD	92-12-035	246-918-020	REP	92-12-089	246-924-992	NEW-E	92-03-107
246-893-040 246-893-040	AMD-P AMD	92-07-098 92-12-035	246-918-030 246-918-030	AMD-P	92-08-063	246-924-992	NEW-P	92-03-141
246-893-090	AMD-P	92-12-033	246-918-035	AMD AMD-P	92-12-089 92-08-063	246-924-992 246-926-020	NEW-W AMD	92-07-016 92-05-010
246-893-090	AMD	92-12-035	246-918-035	AMD	92-12-089	246-926-030	AMD	92-05-010
246-893-120	AMD-P	92-07-098	246-918-040	REP-P	92-08-063	246-926-040	AMD	92-05-010
246-893-120	AMD	92-12-035	246-918-040	REP	92-12-089	246-926-060	AMD	92-05-010
246-893-130	AMD-P	92-07-098	246-918-060	REP-P	92-08-063	246-926-070	AMD	92-05-010
246-893-130	AMD	92-12-035	246-918-060	REP	92-12-089	246-926-080	AMD	92-05-010
246-893-998	AMD-P	92-07-098	246-918-090	AMD-P	92-08-063	246-926-090	AMD	92-05-010
246-893-998 246-895-020	AMD AMD-P	92-12-035 92-07-098	246-918-090 246-918-100	, AMD REP-P	92-12-089 92-08-063	246-926-110	AMD	92-05-010
246-895-020	AMD-P	92-12-035	246-918-100	REP	92-12-089	246-926-120 246-926-130	AMD AMD	92-05-010 92-05-010
246-895-040	AMD-P	92-07-098	246-918-110	AMD-P	92-08-063	246-926-150	AMD	92-05-010
246-895-040	AMD	92-12-035	246-918-110	AMD	92-12-089	246-926-160	AMD	92-05-010
246-895-080	AMD-P	92-07-098	246-918-120	AMD-P	92-08-063	246-926-170	AMD	92-05-010
246-895-080	AMD	92-12-035	246-918-120	AMD	92-12-089	246-926-180	AMD-P	92-15-150
246-895-100	AMD-P	92-07-098	246-918-130	AMD-P	92-08-063	246-926-180	AMD	92-19-060
246-895-100	AMD	92-12-035	246-918-130	AMD	92-12-089	246-926-190	AMD	92-05-010
246-895-120 246-895-120	AMD-P AMD	92-07-098 92-12-035	246-918-140 246-918-140	AMD-P AMD	92-08-063 92-12-089	246-926-200 246-926-990	AMD	92-05-010
246-895-120	AMD-P	92-12-033	246-918-160	AMD-P	92-08-063	246-928-020	AMD AMD-P	92-05-010 92-10-071
246-895-130	AMD	92-12-035	246-918-160	AMD	92-12-089	246-928-020	AMD	92-15-032
246-895-140	AMD-P	92-07-098	246-918-170	AMD-P	92-08-063	246-928-085	NEW-P	92-10-071
246-895-140	AMD	92-12-035	246-918-170	AMD	92-12-089	246-928-085	NEW	92-15-032
246-895-160	AMD-P	92-07-098	246-918-180	AMD-P	92-08-063	246-928-990	AMD-P	92-10-071
246-895-160	AMD	92-12-035	246-918-180	AMD	92-12-089	246-928-990	AMD	92-15-032
246-895-170 246-895-170	AMD-P AMD	92-07-098 92-12-035	246-918-190 246-918-190	REP-P REP	92-08-063 92-12-089	246-930-010 246-930-010	AMD-P	92-07-079
246-897-040	AMD-P	92-07-098	246-918-200	REP-P	92-08-063	246-930-020	AMD AMD-P	92-12-027 92-07-079
246-897-040	AMD	92-12-035	246-918-200	REP	92-12-089	246-930-020	AMD	92-12-027
246-897-050	AMD-P	92-07-098	246-918-210	REP-P	92-08-063	246-930-030	AMD-P	92-07-079
246-897-050	AMD	92-12-035	246-918-210	REP	92-12-089	246-930-030	AMD	92-12-027
246-897-150	AMD-P	92-07-098	246-918-220	REP-P	92-08-063	246-930-040	AMD-P	92-07-079
246-897-150	AMD	92-12-035	246-918-220	REP	92-12-089	246-930-040	AMD	92-12-027
246-899-040 246-899-040	AMD-P AMD	92-07-098 92-12-035	246-918-240 246-918-240	REP-P REP	92-08-063	246-930-050 246-930-050	AMD-P	92-07-079
246-899-050	AMD-P	92-12-033	246-918-250	AMD-P	92-12-089 92-08-063	246-930-050	AMD AMD-P	92-12-027 92-07-079
246-899-050	AMD	92-12-035	246-918-250	AMD	92-12-089	246-930-060	AMD-1	92-12-027
246-901-020	AMD-P	92-07-098	246-918-260	AMD-P	92-08-063	246-930-075	AMD-P	92-07-079
246-901-020	AMD	92-12-035	246-918-260	AMD	92-12-089	246-930-075	AMD	92-12-027
246-903-010	AMD-P	92-07-098	246-918-270	REP-P	92-08-063	246-930-200	AMD-P	92-07-079
246-903-010	AMD	92-12-035	246-918-270	REP	92-12-089	246-930-200	AMD	92-12-027
246-907-020	AMD-P	92-03-124	246-918-280	REP-P	92-08-063	246-930-210	AMD-P	92-07-079
246-907-020 246-907-030	AMD AMD-P	92-07-099 92-03-124	246-918-280 246-918-290	REP REP-P	92-12-089 92-08-063	246-930-210 246-930-220	AMD AMD-P	92-12-027 92-07-079
246-907-030	AMD-F	92-03-124	246-918-290	REP-F	92-08-003	246-930-220	AMD-P	92-07-079
246-915-010	AMD	92-08-039	246-918-300	REP-P	92-08-063	246-930-300	AMD-P	92-07-079
246-915-015	AMD	92-08-039	246-918-300	REP	92-12-089	246-930-300	AMD	92-12-027
246-915-015	REP-P	92-08-111	246-918-320	REP-P	92-08-063	246-930-301	AMD-P	92-07-079
246-915-015	REP	92-16-082	246-918-320	REP	92-12-089	246-930-301	AMD	92-12-027
246-915-030	AMD-W	92-08-110	246-918-330	REP-P	92-08-063	246-930-310	AMD-P	92-07-079
246-915-030	AMD-P	92-08-111	246-918-330	REP	92-12-089	246-930-310	AMD	92-12-027
246-915-030 246-915-075	AMD NEW-P	92-16-082 92-08-111	246-918-340 246-918-340	REP-P REP	92-08-063 92-12-089	246-930-320	AMD-P	92-07-079
246-915-075 246-915-075	NEW-P NEW	92-16-082	246-918-350	REP-P	92-12-089 92-08-063	246-930-320 246-930-330	AMD AMD-P	92-12-027 92-07-079
246-915-120	AMD	92-08-039	246-918-350	REP	92-12-089	246-930-330	AMD-F	92-12-027
246-915-150	AMD	92-08-039	246-918-360	REP-P	92-08-063	246-930-340	AMD-P	92-07-079
246-915-180	AMD	92-08-039	246-918-360	REP	92-12-089	246-930-340	AMD	92-12-027
246-915-185	NEW	92-08-039	246-918-370	REP-P	92-08-063	246-930-400	AMD-P	92-07-079
246-915-200	AMD	92-08-039	246-918-370	REP	92-12-089	246-930-400	AMD	92-12-027

[23] Table

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
			046.076.005	NOW D	02.15.024	246 076 040	NEW-P	92-15-03
246-930-410	NEW-P	92-07-079	246-976-025	NEW-P	92-15-034 92-15-034	246-976-940 246-976-950	NEW-P	92-15-03
246-930-410	NEW	92-12-027	246-976-030	NEW-P	92-15-034	246-976-960	NEW-P	92-15-03
246-930-499	AMD-P	92-07-079	246-976-035	NEW-P	92-15-034 92-15-034	246-976-970	NEW-P	92-15-03
246-930-499	AMD	92-12-027	246-976-040	NEW-P	92-15-034	246-976-990	NEW-P	92-15-03
246-930-990	AMD-P	92-07-079	246-976-050	NEW-P	92-15-034	246-977-001	REP-P	92-15-03
246-930-990	AMD	92-12-027	246-976-055	NEW-P	92-15-034	246-977-010	REP-P	92-15-03
246-933-120	REP-P	92-14-127	246-976-060	NEW-P	92-15-034	246-977-020	REP-P	92-15-03
246-933-120	REP	92-17-076	246-976-065	NEW-P	92-15-034	246-977-030	REP-P	92-15-03
246-933-170	AMD-P	92-14-127	246-976-070	NEW-P NEW-P	92-15-034	246-977-040	REP-P	92-15-03
246-933-170	AMD	92-17-076	246-976-075		92-15-034	246-977-050	REP-P	92-15-03
246-933-240	REP-P	92-14-127	246-976-080	NEW-P		246-977-060	REP-P	92-15-03
246-933-240	REP	92-17-076	246-976-085	NEW-P	92-15-034	246-977-070	REP-P	92-15-03
246-933-250	AMD	92-03-074	246-976-090	NEW-P	92-15-034	246-977-080	REP-P	92-15-03
246-933-250	AMD-P	92-14-127	246-976-110	NEW-P	92-15-034	246-977-090	REP-P	92-15-03
246-933-250	AMD	92-17-076	246-976-115	NEW-P	92-15-034	246-977-100	REP-P	92-15-03
246-933-270	AMD-P	92-14-127	246-976-120	NEW-P	92-15-034	246-977-110	REP-P	92-15-03
246-933-270	AMD	92-17-076	246-976-140	NEW-P	92-15-034	248-14-120	AMD-P	92-03-01
246-933-280	AMD	92-03-074	246-976-150	NEW-P	92-15-034			92-03-07
246-933-300	NEW	92-03-074	246-976-160	NEW-P	92-15-034	248-14-120 248-14-250	AMD B	92-08-07
246-933-300	AMD-P	92-14-127	246-976-170	NEW-P	92-15-034	248-14-250	AMD-P AMD	92-03-07
246-933-300	AMD	92-17-076	246-976-180	NEW-P	92-15-034	248-14-285	AMD-P	92-03-0
246-933-305	NEW	92-03-074	246-976-190	NEW-P	92-15-034			92-03-0
246-933-320	AMD-P	92-14-127	246-976-200	NEW-P	92-15-034	248-14-285 250-20-021	AMD AMD-C	92-08-0
246-933-320	AMD	92-17-076	246-976-210	NEW-P	92-15-034	250-20-021	AMD-C	92-08-0
246-933-980	AMD-P	92-03-125	246-976-220	NEW-P	92-15-034	250-20-021	AMD-C	92-11-0
246-933-980	AMD	92-07-036	246-976-230	NEW-P	92-15-034	250-20-021		92-11-0
246-933-990	AMD-P	92-03-125	246-976-240	NEW-P	92-15-034	250-25-010	AMD-E NEW	92-03-0
246-933-990	AMD	92-07-036	246-976-260	NEW-P	92-15-034	250-25-020	NEW	92-03-0
246-935-125	NEW-P	92-03-125	246-976-270	NEW-P	92-15-034	250-25-030	NEW	92-03-0
246-935-125	NEW	92-07-036	246-976-280	NEW-P	92-15-034	250-25-040	NEW	92-03-0
246-935-990	AMD-P	92-03-125	246-976-290	NEW-P	92-15-034			92-03-0
246-935-990	AMD	92-07-036	246-976-300	NEW-P	92-15-034	250-25-045	NEW	92-03-0
246-975-001	REP-P	92-15-034	246-976-310	NEW-P	92-15-034	250-25-050 250-25-060	NEW NEW	92-03-0
246-975-010	REP-P	92-15-034	246-976-320	NEW-P	92-15-034 92-15-034	250-25-070	NEW	92-03-0
246-975-020	REP-P	92-15-034	246-976-330	NEW-P		250-25-080	NEW	92-03-0
246-975-030	REP-P	92-15-034	246-976-340	NEW-P	92-15-034 92-15-034	250-25-090	NEW	92-03-0
246-975-040	REP-P	92-15-034	246-976-350	NEW-P	92-15-034 92-15-034	250-66-020	AMD-P	92-13-0
246-975-050	REP-P	92-15-034	246-976-370	NEW-P NEW-P	92-15-034	250-66-020	AMD-C	92-15-1
246-975-060	REP-P	92-15-034	246-976-390		92-15-034	250-66-020	AMD	92-16-0
246-975-070	REP-P	92-15-034	246-976-400	NEW-P	92-15-034	250-66-030	AMD-P	92-13-0
246-975-080	REP-P	92-15-034	246-976-420	NEW-P NEW-P	92-15-034	250-66-030	AMD-C	92-15-1
246-975-090	REP-P	92-15-034	246-976-430	NEW-P	92-15-034	250-66-030	AMD	92-16-0
246-975-100	REP-P	92-15-034	246-976-440	NEW-P	92-15-034	250-66-040	AMD-P	92-13-0
246-975-110	REP-P	92-15-034	246-976-450	NEW-P	92-15-034	250-66-040	AMD-C	92-15-1
246-975-120	REP-P	92-15-034	246-976-470	NEW-P	92-15-034	250-66-040	AMD	92-16-0
246-975-130	REP-P	92-15-034	246-976-475	NEW-P	92-15-034	250-66-060	AMD-P	92-13-0
246-975-140	REP-P	92-15-034	246-976-480 246-976-500	NEW-P	92-15-034	250-66-060	AMD-C	92-15-1
246-975-150	REP-P	92-15-034			92-15-034	250-66-060	AMD	92-16-0
246-975-160	REP-P	92-15-034	246-976-510	NEW-P NEW-P	92-15-034	250-67-010	REP	92-03-0
246-975-170	REP-P	92-15-034 92-15-034	246-976-520 246-976-550	NEW-P NEW-P	92-15-034	250-67-020	REP	92-03-0
246-975-180	REP-P	92-15-034 92-15-034	246-976-560	NEW-P	92-15-034	250-67-030	REP	92-03-0
246-975-190	REP-P			NEW-P	92-15-034	250-67-040	REP	92-03-0
246-975-200	REP-P	92-15-034	246-976-570	NEW-P	92-15-034	250-67-050	REP	92-03-0
246-975-210	REP-P	92-15-034	246-976-600			250-67-060	REP	92-03-0
246-975-220	REP-P	92-15-034	246-976-610	NEW-P	92-15-034 92-15-034	250-68-001	REP	92-03-0
246-975-230	REP-P	92-15-034	246-976-640	NEW-P		250-68-010	REP	92-03-0
246-975-240	REP-P	92-15-034	246-976-650	NEW-P	92-15-034	250-68-020	REP	92-03-0
246-975-250	REP-P	92-15-034	246-976-680	NEW-P	92-15-034	250-68-030	REP	92-03-0
246-975-260	REP-P	92-15-034	246-976-690	NEW-P	92-15-034	250-68-035	REP	92-03-0
246-975-270	REP-P	92-15-034	246-976-720	NEW-P	92-15-034	250-68-040	REP	92-03-0
246-975-280	REP-P	92-15-034	246-976-730	NEW-P	92-15-034			92-03-0
246-975-290	REP-P	92-15-034	246-976-740	NEW-P	92-15-034	250-68-050	REP	92-03-0
246-975-300	REP-P	92-15-034	246-976-770	NEW-P	92-15-034	250-68-060	REP	92-03-0
246-975-310	REP-P	92-15-034	246-976-780	NEW-P	92-15-034	250-68-070	REP	
246-975-320	REP-P	92-15-034	246-976-790	NEW-P	92-15-034	250-75-010	REP	92-03-0
246-975-330	REP-P	92-15-034	246-976-810	NEW-P	92-15-034	250-75-020	REP	92-03-
246-975-340	REP-P	92-15-034	246-976-820	NEW-P	92-15-034	250-75-030	REP	92-03-
246-975-350	REP-P	92-15-034	246-976-880	NEW-P	92-15-034	250-75-040	REP	92-03-
246-975-360	REP-P	92-15-034	246-976-885	NEW-P	92-15-034	250-75-050	REP	92-03-
246-975-990	REP-P	92-15-034	246-976-890	NEW-P	92-15-034	250-75-060	REP	92-03-
246-976-001	NEW-P	92-15-034	246-976-910	NEW-P	92-15-034	250-75-070	REP	92-03-
240-270-001							DED	02 02 4
246-976-010	NEW-P	92-15-034	246-976-920	NEW-P NEW-P	92-15-034 92-15-034	250-75-080 250-76-010	REP NEW	92-03-0 92-04-0

Table [ 24 ]

WAC #		WSR #	WAC #	<del></del>	WSR #	WAC #		WSR #
250-76-020	NEW	92-04-018	251-12-072	AMD-W	92-13-008	275-27-020	AMD	02 00 115
250-76-030	NEW	92-04-018	251-12-090	REP-P	92-09-124	275-27-020	AMD	92-09-115 92-04-004
250-76-040	NEW	92-04-018	251-12-090	REP	92-13-063	275-27-219	NEW-P	92-09-113
250-76-050	NEW	92-04-018	251-12-290	AMD-P	92-09-125	275-27-219	NEW-E	92-09-119
250-76-060	NEW	92-04-018	251-12-290	AMD-C	92-13-062	275-27-219	NEW	92-13-024
250-76-070	NEW	92-04-018	251-12-290	AMD-C	92-14-114	275-27-220	AMD-P	92-05-076
250-78-010 250-78-010	AMD-P AMD-C	92-13-077 92-15-136	251-17	AMD-C	92-05-029	275-27-220	AMD-E	92-05-077
250-78-010	AMD-C	92-13-130	251-17-010 251-17-040	AMD-W AMD-W	92-07-018 92-07-018	275-27-220 275-27-223	AMD AMD-P	92-09-114 92-05-076
250-78-020	AMD-P	92-13-077	251-17-040	AMD-P	92-09-122	275-27-223	AMD-P	92-05-076 92-05-077
250-78-020	AMD-C	92-15-136	251-17-040	AMD-W	92-13-008	275-27-223	AMD	92-09-114
250-78-020	AMD	92-16-037	251-17-060	AMD-W	92-07-018	275-56-005	AMD-P	92-07-033
250-78-030	AMD-P	92-13-077	251-17-060	AMD-P	92-09-122	275-56-005	AMD-E	92-07-034
250-78-030	AMD-C	92-15-136	251-17-060	AMD-W	92-13-008	275-56-005	AMD	92-11-055
250-78-030 250-78-050	AMD AMD-P	92-16-037 92-13-077	251-17-070 251-17-070	AMD-W	92-07-018	275-56-015	AMD-P	92-07-033
250-78-050	AMD-C	92-15-136	251-17-070	AMD-P AMD-W	92-09-122 92-13-008	275-56-015 275-56-015	AMD-E AMD	92-07-034 92-11-055
250-78-050	AMD	92-16-037	251-17-070	AMD-W	92-07-018	275-56-088	AMD-P	92-07-033
250-78-060	AMD-P	92-13-077	251-17-110	AMD-W	92-07-018	275-56-088	AMD-E	92-07-034
250-78-060	AMD-C	92-15-136	251-17-120	AMD-W	92-07-018	275-56-088	AMD	92-11-055
250-78-060	AMD	92-16-037	251-17-160	AMD-W	92-07-018	275-56-447	NEW-E	92-07-034
251-01-010	REP	92-05-034	251-17-160	AMD-P	92-09-122	275-56-447	NEW	92-11-055
251-01-075 251-01-075	AMD-C AMD-W	92-05-026 92-07-018	251-17-160 251-17-165	AMD-W NEW-W	92-13-008 92-07-018	275-156-010	AMD-P	92-15-008
251-01-075	AMD-P	92-07-018	251-17-165	NEW-W NEW-P	92-07-018	275-156-010 275-156-020	AMD AMD-P	92-18-037 92-15-008
251-01-075	AMD-W	92-13-008	251-17-165	NEW-W	92-13-008	275-156-020	AMD-P	92-13-008
251-01-120	AMD-C	92-05-026	251-17-170	AMD-W	92-07-018	284-02-020	AMD-P	92-19-105
251-01-120	AMD-W	92-07-018	251-17-170	AMD-P	92-09-122	284-07-050	NEW-P	92-15-104
251-01-120	AMD-P	92-09-120	251-17-170	AMD-W	92-13-008	284-07-050	NEW	92-19-040
251-01-120	AMD-W	92-13-008	251-17-190	AMD-W	92-07-018	284-07-100	NEW-P	92-15-104
251-01-145 251-01-145	AMD-C AMD-W	92-05-026 92-07-018	251-17-200 251-17-200	AMD-W AMD-P	92-07-018 92-09-122	284-07-100	NEW	92-19-040
251-01-147	NEW-C	92-05-026	251-17-200	AMD-W	92-13-008	284-07-110 284-07-110	NEW-P NEW	92-15-104 92-19-040
251-01-147	NEW-W	92-07-018	251-18-180	AMD	92-05-034	284-07-120	NEW-P	92-15-104
251-01-147	NEW-P	92-09-120	251-22-215	REP-W	92-05-025	284-07-120	NEW	92-19-040
251-01-147	NEW-W	92-13-008	260-13-100	AMD-P	92-12-067	284-07-130	NEW-P	92-15-104
251-01-150	AMD-C	92-05-026	260-13-100	AMD-C	92-13-088	284-07-130	NEW	92-19-040
251-01-150	AMD-W REP	92-07-018	260-13-100	AMD	92-17-002	284-07-140	NEW-P	92-15-104
251-01-155 251-01-210	AMD-C	92-05-034 92-05-026	260-13-175 260-13-175	NEW-P NEW-C	92-12-066 92-13-087	284-07-140 284-07-150	NEW NEW-P	92-19-040 92-15-104
251-01-210	AMD-W	92-03-020	260-13-175	NEW	92-13-067	284-07-150	NEW-P	92-13-104
251-01-255	AMD-W	92-03-079	260-13-370	AMD-P	92-12-067	284-07-160	NEW-P	92-15-104
251-01-255	AMD-P	92-05-072	260-13-370	AMD-C	92-13-088	284-07-160	NEW	92-19-040
251-01-255	AMD-W	92-07-019	260-13-370	AMD	92-17-002	284-07-170	NEW-P	92-15-104
251-01-320	REP	92-05-034	260-13-390	AMD-P	92-12-067	284-07-170	NEW	92-19-040
251-01-350	AMD-C	92-05-026	260-13-390	AMD-C	92-13-088	284-07-180	NEW-P	92-15-104
251-01-350 251-01-350	AMD-W AMD-P	92-07-018 92-09-120	260-13-390 260-13-400	AMD AMD-P	92-17-002 92-12-067	284-07-180 284-07-190	NEW NEW-P	92-19-040 92-15-104
251-01-350	AMD-W	92-13-008	260-13-400	AMD-C	92-13-088	284-07-190	NEW	92-19-040
251-01-385	REP-C	92-05-026	260-13-400	AMD	92-17-002	284-07-200	NEW-P	92-15-104
251-01-385	REP-W	92-07-018	260-24-280	AMD-P	92-12-068	284-07-200	NEW	92-19-040
251-01-390	AMD-C	92-05-026	260-24-280	AMD-C	92-13-089	284-07-210	NEW-P	92-15-104
251-01-390	AMD-W	92-07-018	260-32-400	AMD-P	92-15-097	284-07-210	NEW	92-19-040
251-01-395 251-01-395	AMD-W AMD-P	92-03-079 92-05-073	260-32-400 260-56-065	AMD-C NEW-P	92-18-026 92-12-066	284-07-220	NEW-P	92-15-104
251-01-395	AMD-P	92-03-073	260-56-065	NEW-P	92-12-000 92-13-087	284-07-220 284-07-230	NEW NEW-P	92-19-040 92-15-104
251-01-410	AMD-C	92-05-026	260-56-065	NEW-W	92-17-001	284-07-230	NEW	92-19-040
251-01-410	AMD-W	92-07-018	260-88-010	AMD-P	92-12-068	284-16-050	REP-P	92-15-101
251-04-060	AMD-P	92-09-123	260-88-010	AMD-C	92-13-089	284-16-060	REP-P	92-15-103
251-04-060	AMD-W	92-13-055	260-88-010	AMD	92-17-002	284-16-060	REP	92-19-038
251-04-060	AMD-P	92-13-061	275-16-030	AMD-P	92-06-043	284-16-300	NEW-P	92-15-102
251-04-060	AMD-C	92-14-113	275-16-030	AMD-E	92-06-044	284-16-300	NEW D	92-19-039
251-09-025 251-09-030	AMD AMD	92-05-034 92-05-034	275-16-030 275-16-030	AMD AMD-P	92-09-118 92-14-077	284-16-310 284-16-310	NEW-P NEW	92-15-102 92-19-039
251-09-030	NEW-P	92-05-075	275-16-030	AMD-F AMD-E	92-14-077	284-16-320	NEW-P	92-15-102
251-09-071	NEW-W	92-07-019	275-16-030	AMD-L AMD	92-17-007	284-16-320	NEW	92-19-039
251-10-030	AMD-C	92-05-027	275-25-020	AMD-P	92-06-059	284-16-400	NEW-P	92-15-103
251-10-030	AMD-W	92-07-018	275-25-020	AMD	92-09-115	284-16-400	NEW	92-19-038
251-10-030	AMD-P	92-09-121	275-25-530	AMD-P	92-09-045	284-16-410	NEW-P	92-15-103
251-10-030	AMD-W	92-13-008	275-25-530	AMD-E	92-09-046	284-16-410	NEW D	92-19-038
251-12-072 251-12-072	AMD-C AMD-W	92-05-028 92-07-018	275-25-530 275-25-530	RESCIND AMD	92-09-051 92-13-032	284-16-420 284-16-420	NEW-P NEW	92-15-103 92-19-038
251-12-072	AMD-W AMD-P	92-07-018	275-23-330	AMD-P	92-13-032	284-16-420	NEW-P	92-19-038
			020		,_ 50 557	0.10 100	. 124 17 71	/2 IJ 10J

[ 25 ] Table

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WAC #		WSR #	WAC #		WSR #	WAC #	· · · · · · · · ·	WSR #
284-16-430	NEW	92-19-038	284-66-030	AMD	92-06-021	296-24-11003	AMD-P	92-15-147
284-16-440	NEW-P	92-15-103	284-66-040	AMD	92-06-021	296-24-11005	AMD-P	92-15-147
284-16-440	NEW	92-19-038	284-66-050	AMD	92-06-021	296-24-11007	AMD-P	92-15-147
284-16-450	NEW-P	92-15-103	284-66-060	AMD	92-06-021	296-24-11009	AMD-P	92-15-147
284-16-450	NEW	92-19-038	284-66-063	NEW	92-06-021	296-24-11011	AMD-P	92-15-147
284-16-460	NEW-P	92-15-103	284-66-066	NEW	92-06-021	296-24-11013	AMD-P	92-15-147
284-16-460	NEW	92-19-038	284-66-066	AMD-P	92-14-130	296-24-11015	AMD-P	92-15-147
284-16-470	NEW-P	92-15-103	284-66-066	AMD REP	92-17-078	296-24-11017	AMD-P AMD-P	92-15-147 92-15-147
284-16-470	NEW D	92-19-038	284-66-070 284-66-073	NEW	92-06-021 92-06-021	296-24-119 296-24-19517	AMD-P	92-13-147
284-16-480 284-16-480	NEW-P NEW	92-15-103 92-19-038	284-66-077	NEW NEW	92-06-021	296-24-19517	AMD-F	92-17-022
284-16-490	NEW-P	92-15-103	284-66-080	AMD	92-06-021	296-24-20700	AMD-P	92-12-087
284-16-490	NEW	92-19-038	284-66-090	REP	92-06-021	296-24-20700	AMD	92-17-022
284-16-500	NEW-P	92-15-103	284-66-092	NEW	92-06-021	296-24-20730	AMD-P	92-12-087
284-16-500	NEW	92-19-038	284-66-092	AMD-P	92-14-130	296-24-20730	AMD	92-17-022
284-16-510	NEW-P	92-15-103	284-66-092	AMD	92-17-078	296-24-58513	AMD-P	92-18-098
284-16-510	NEW	92-19-038	284-66-100	REP	92-06-021	296-24-59211	AMD-P	92-18-098
284-16-520	NEW-P	92-15-103	284-66-110	AMD	92-06-021	296-24-63399	AMD-P	92-18-098
284-16-520	NEW	92-19-038	284-66-120	AMD	92-06-021	296-24-63599	AMD-P	92-18-098
284-16-530	NEW-P	92-15-103	284-66-130	AMD	92-06-021	296-24-76555	AMD-P	92-12-087
284-16-530	NEW	92-19-038	284-66-140	REP	92-06-021	296-24-76555	AMD	92-17-022 92-09-149
284-16-540	NEW-P	92-15-103	284-66-142	NEW	92-06-021 92-06-021	296-30-081 296-30-081	AMD-E AMD-P	92-09-149
284-16-540	NEW	92-19-038	284-66-150 284-66-160	REP AMD	92-06-021	296-30-081	AMD-P	92-16-033
284-22-010 284-22-010	NEW-E NEW-P	92-14-085 92-16-092	284-66-170	AMD	92-06-021	296-30-081	AMD-E	92-17-041
284-22-010	NEW-P NEW	92-10-092	284-66-180	REP	92-06-021	296-30-081	RESCIND	92-17-049
284-22-010	NEW-E	92-14-085	284-66-190	REP	92-06-021	296-30-081	AMD-E	92-17-050
284-22-020	NEW-P	92-16-092	284-66-200	AMD	92-06-021	296-30-081	AMD-P	92-19-145
284-22-020	NEW	92-19-095	284-66-203	NEW	92-06-021	296-31-010	NEW-E	92-17-040
284-22-030	NEW-E	92-14-085	284-66-210	AMD	92-06-021	296-31-010	NEW-P	92-19-144
284-22-030	NEW-P	92-16-092	284-66-220	AMD	92-06-021	296-31-020	NEW-E	92-17-040
284-22-030	NEW	92-19-095	284-66-220	AMD-P	92-14-130	296-31-020	NEW-P	92-19-144
284-22-040	NEW-E	92-14-085	284-66-220	AMD	92-17-078	296-31-030	NEW-E	92-17-040
284-22-040	NEW-P	92-16-092	284-66-230	REP	92-06-021	296-31-030	NEW-P NEW-E	92-19-144 92-17-040
284-22-040	NEW	92-19-095	284-66-232	NEW	92-06-021 92-06-021	296-31-040 296-31-040	NEW-E NEW-P	92-17-040
284-22-050	NEW-E	92-14-085 92-16-092	284-66-240 284-66-243	AMD NEW	92-06-021 92-06-021	296-31-050	NEW-P NEW-E	92-19-144
284-22-050 284-22-050	NEW-P NEW	92-16-092 92-19-095	284-66-250	AMD	92-06-021	296-31-050	NEW-P	92-19-144
284-22-060	NEW-E	92-14-085	284-66-260	AMD	92-06-021	296-31-060	NEW-E	92-17-040
284-22-060	NEW-P	92-16-092	284-66-270	AMD	92-06-021	296-31-060	NEW-P	92-19-144
284-22-060	NEW	92-19-095	284-66-300	AMD	92-06-021	296-31-065	NEW-E	92-17-040
284-22-070	NEW-E	92-14-085	284-66-310	AMD	92-06-021	296-31-065	NEW-P	92-19-144
284-22-070	NEW-P	92-16-092	284-66-320	AMD	92-06-021	296-31-069	NEW-E	92-17-040
284-22-070	NEW	92-19-095	284-66-323	NEW	92-06-021	296-31-069	NEW-P	92-19-144
284-22-080	NEW-E	92-14-085	284-66-330	AMD	92-06-021	296-31-070	NEW-E	92-17-040
284-22-080	NEW-P	92-16-092	284-66-340	AMD	92-06-021	296-31-070	NEW-P	92-19-144
284-22-080	NEW	92-19-095	284-66-350	AMD	92-06-021	296-31-071	NEW-E NEW-P	92-17-040 92-19-144
284-22-090	NEW-E	92-14-085	284-66-400 284-96-010	AMD NEW-P	92-06-021 92-17-081	296-31-071 296-31-072	NEW-F NEW-E	92-19-144
284-22-090 284-22-090	NEW-P NEW	92-16-092 92-19-095	284-96-015	NEW-P	92-17-081	296-31-072	NEW-P	92-17-040
284-22-090 284-44	PREP	92-19-093 92-14-129	296-14-015	NEW-F	92-03-053	296-31-073	NEW-E	92-17-040
284-44-043	NEW-P	92-17-080	296-17-45004	NEW-P	92-13-091	296-31-073	NEW-P	92-19-144
284-44-046	NEW-P	92-13-013	296-17-45004	NEW	92-18-065	296-31-074	NEW-E	92-17-040
284-44-046	NEW	92-16-009	296-17-66002	REP-W	92-06-034	296-31-074	NEW-P	92-19-144
284-44-240	NEW-P	92-06-056	296-17-66002	AMD-P	92-13-091	296-31-075	NEW-E	92-17-040
284-44-240	NEW	92-09-044	296-17-66002	AMD	92-18-065	296-31-075	NEW-P	92-19-144
284-44-345	NEW-P	92-19-141	296-17-66003	NEW-W	92-06-034	296-31-080	NEW-E	92-17-040
284-46	PREP	92-14-129	296-17-885	AMD-W	92-06-034	296-31-080	NEW-P	92-19-144
284-46-060	NEW-P	92-19-140	296-17-895	AMD-W	92-06-034	296-31-090	NEW-E	92-17-040
284-46-507	NEW-P	92-17-079	296-18A-460	AMD-P	92-14-116	296-31-090	NEW-P	92-19-144
284-46-575	NEW-P	92-06-055	296-18A-460	AMD	92-19-026	296-31-095	NEW-E	92-17-040
284-46-575	NEW	92-09-044A	296-18A-465	REP-P	92-14-116	296-31-095	NEW-P	92-19-144
284-50	PREP	92-14-129	296-18A-465	REP	92-19-026 92-05-041	296-31-100 296-31-100	NEW-E NEW-P	92-17-040 92-19-144
284-50-270 284-50-270	NEW-P NEW-W	92-13-014	296-20-01002 296-20-030	AMD AMD-E	92-03-041 92-07-100	296-37-510	AMD-P	92-19-144
284-50-270 284-50-270	NEW-W NEW-P	92-13-086 92-16-093	296-20-030 296-20-030	RESCIND	92-07-100 92-08-097	296-37-515	AMD-P	92-15-147
284-50-270 284-50-270	NEW-P NEW	92-16-093 92-19-061	296-20-03001	AMD-E	92-08-097	296-37-550	AMD-P	92-15-147
284-50-377	NEW-P	92-19-061	296-20-03001	RESCIND	92-08-097	296-37-560	AMD-P	92-15-147
	PREP	92-14-129	296-20-091	AMD	92-05-041	296-37-565	AMD-P	92-15-147
284-52			296-23-50001	AMD	92-05-041	296-37-570	AMD-P	92-15-147
284-52 284-58	PREP	92-14-129	290-23-30001					
284-52 284-58 284-60	PREP PREP	92-14-129 92-14-129	296-23-610	AMD-E	92-07-100	296-37-575	AMD-P	92-15-147
284-58	PREP PREP AMD						AMD-P AMD-P AMD-P	92-15-147 92-15-147 92-15-147

Table [ 26 ]

WAC #		WSR #	WAC #		WSR #	WAC#	<del></del>	WSR #
296-37-590	NEW-P	92-15-147	296-67-041	NEW-P	92-12-087	296-94-180	AMD-P	92-19-033
296-46-910	AMD-P	92-03-136	296-67-041	NEW	92-17-022	296-94-200	AMD-P	92-19-033
296-46-910	AMD	92-08-102	296-67-045	NEW-P	92-12-087	296-94-210	AMD-P	92-19-033
296-46-910	AMD-E	92-08-103	296-67-045	NEW	92-17-022	296-94-240	AMD-P	92-19-033
296-46-915	AMD-P	92-03-136	296-67-049	NEW-P	92-12-087	296-94-250	REP-P	92-19-033
296-46-915	AMD AMD-E	92-08-102	296-67-049	NEW D	92-17-022	296-95-101	NEW-P	92-19-033
296-46-915 296-52-401	AMD-E AMD-P	92-08-103 92-12-087	296-67-053 296-67-053	NEW-P NEW	92-12-087 92-17-022	296-95-110 296-95-111	NEW-P NEW-P	92-19-033 92-19-033
296-52-401	AMD	92-17-022	296-67-057	NEW-P	92-17-022	296-95-113	NEW-P	92-19-033
296-52-461	AMD-P	92-12-087	296-67-057	NEW	92-17-022	296-95-115	NEW-P	92-19-033
296-52-461	AMD	92-17-022	296-67-061	NEW-P	92-12-087	296-95-116	NEW-P	92-19-033
296-52-489	AMD-P	92-12-087	296-67-061	NEW	92-17-022	296-95-121	NEW-P	92-19-033
296-52-489	AMD	92-17-022	296-67-285	NEW-P	92-12-087	296-95-122	NEW-P	92-19-033
296-52-493	AMD-P	92-12-087	296-67-285	NEW D	92-17-022	296-95-123	NEW-P	92-19-033
296-52-493 296-56-60001	AMD AMD-P	92-17-022 92-15-147	296-67-289 296-67-289	NEW-P NEW	92-12-087 92-17-022	296-95-124 296-95-125	NEW-P NEW-P	92-19-033 92-19-033
296-56-60005	AMD-P	92-15-147	296-67-291	NEW-P	92-17-022	296-95-126	NEW-P	92-19-033
296-56-60007	AMD-P	92-15-147	296-67-291	NEW	92-17-022	296-95-130	NEW-P	92-19-033
296-56-60041	AMD-P	92-15-147	296-67-293	NEW-P	92-12-087	296-95-131	NEW-P	92-19-033
296-56-60043	AMD-P	92-15-147	296-67-293	NEW	92-17-022	296-95-132	NEW-P	92-19-033
296-56-60053	AMD-P	92-15-147	296-81-007	AMD-P	92-19-033	296-95-133	NEW-P	92-19-033
296-56-60057	AMD-P	92-15-147	296-81-010	REP-P	92-19-033	296-95-140	NEW-P	92-19-033
296-56-60073	AMD-P	92-15-147	296-81-020	REP-P	92-19-033	296-95-150	NEW-P	92-19-033
296-56-60079 296-56-60083	AMD-P AMD-P	92-15-147 92-15-147	296-81-030 296-81-040	REP-P REP-P	92-19-033 92-19-033	296-95-151 296-95-152	NEW-P NEW-P	92-19-033 92-19-033
296-56-60085	AMD-P	92-15-147	296-81-050	REP-P	92-19-033	296-95-153	NEW-P	92-19-033
296-56-60091	AMD-P	92-15-147	296-81-060	REP-P	92-19-033	296-95-154	NEW-P	92-19-033
296-56-60103	AMD-P	92-15-147	296-81-070	REP-P	92-19-033	296-95-155	NEW-P	92-19-033
296-56-60107	AMD-P	92-15-147	296-81-080	REP-P	92-19-033	296-95-156	NEW-P	92-19-033
296-56-60109	AMD-P	92-15-147	296-81-090	REP-P	92-19-033	296-95-157	NEW-P	92-19-033
296-56-60115	AMD-P	92-15-147	296-81-100	REP-P	92-19-033	296-95-158	NEW-P	92-19-033
296-56-60123	AMD-P	92-15-147	296-81-110	REP-P	92-19-033	296-95-160	NEW-P	92-19-033
296-56-60131 296-56-60209	AMD-P AMD-P	92-15-147 92-15-147	296-81-120 296-81-130	REP-P REP-P	92-19-033 92-19-033	296-95-161 296-95-162	NEW-P NEW-P	92-19-033
296-56-60215	AMD-P	92-15-147	296-81-140	REP-P	92-19-033	296-95-165	NEW-P	92-19-033 92-19-033
296-56-60223	AMD-P	92-15-147	296-81-150	REP-P	92-19-033	296-95-166	NEW-P	92-19-033
296-56-60229	AMD-P	92-15-147	296-81-160	REP-P	92-19-033	296-95-200	NEW-P	92-19-033
296-56-60235	AMD-P	92-15-147	296-81-170	REP-P	92-19-033	296-95-203	NEW-P	92-19-033
296-56-60237	AMD-P	92-15-147	296-81-180	REP-P	92-19-033	296-95-205	NEW-P	92-19-033
296-56-60239	AMD-P	92-15-147	296-81-190	REP-P	92-19-033	296-95-206	NEW-P	92-19-033
296-62 296-62-07509	PREP AMD-P	92-03-135 92-19-130	296-81-220 296-81-240	REP-P AMD-P	92-19-033 92-19-033	296-95-207 296-95-208	NEW-P	92-19-033
296-62-07515	AMD-P	92-19-130	296-81-260	REP-P	92-19-033	296-95-209	NEW-P NEW-P	92-19-033 92-19-033
296-62-07540	AMD-P	92-18-098	296-81-270	REP-P	92-19-033	296-95-215	NEW-P	92-19-033
296-62-07542	AMD-P	92-18-098	296-81-275	AMD-P	92-19-033	296-95-216	NEW-P	92-19-033
296-62-07721	AMD-P	92-18-098	296-81-277	AMD-P	92-19-033	296-95-220	NEW-P	92-19-033
296-62-07721	AMD-P	92-19-146	296-81-280	NEW-P	92-19-033	296-95-221	NEW-P	92-19-033
296-62-08001	NEW-P	92-03-137	296-81-290	NEW-P	92-19-033	296-95-222	NEW-P	92-19-033
296-62-08001 296-62-08001	NEW AMD-P	92-08-100 92-19-130	296-81-305 296-81-315	REP-P AMD-P	92-19-033 92-19-033	296-95-225 296-95-226	NEW-P	92-19-033
296-62-08050	NEW-P	92-13-130	296-81-313	AMD-P	92-19-033	296-95-227	NEW-P NEW-P	92-19-033 92-19-033
296-62-08050	NEW	92-08-100	296-81-325	AMD-P	92-19-033	296-95-228	NEW-P	92-19-033
296-62-09005	AMD-P	92-15-147	296-81-330	AMD-P	92-19-033	296-95-229	NEW-P	92-19-033
296-67-001	NEW-P	92-12-087	296-81-340	AMD-P	92-19-033	296-95-235	NEW-P	92-19-033
296-67-001	NEW	92-17-022	296-81-350	AMD-P	92-19-033	296-95-236	NEW-P	92-19-033
296-67-005	NEW-P	92-12-087	296-81-370	AMD-P	92-19-033	296-95-240	NEW-P	92-19-033
296-67-005 296-67-009	NEW NEW-P	92-17-022 92-12-087	296-86 296-86-030	AMD-P AMD-P	92-19-033 92-19-033	296-95-241 296-95-243	NEW-P NEW-P	92-19-033 92-19-033
296-67-009	NEW-P	92-17-022	296-86-060	AMD-P	92-19-033	296-95-244	NEW-P	92-19-033
296-67-013	NEW-P	92-12-087	296-94	AMD-P	92-19-033	296-95-245	NEW-P	92-19-033
296-67-013	NEW	92-17-022	296-94-010	AMD-P	92-19-033	296-95-250	NEW-P	92-19-033
296-67-017	NEW-P	92-12-087	296-94-020	AMD-P	92-19-033	296-95-255	NEW-P	92-19-033
296-67-017	NEW	92-17-022	296-94-030	AMD-P	92-19-033	296-95-256	NEW-P	92-19-033
296-67-021	NEW-P	92-12-087	296-94-040	AMD-P	92-19-033	296-95-260	NEW-P	92-19-033
296-67-021	NEW	92-17-022	296-94-050	AMD-P	92-19-033	296-95-261	NEW-P	92-19-033
296-67-025 296-67-025	NEW-P NEW	92-12-087 92-17-022	296-94-080 296-94-090	AMD-P AMD-P	92-19-033 92-19-033	296-95-262 296-95-264	NEW-P	92-19-033
296-67-029	NEW-P	92-17-022 92-12-087	296-94-100	AMD-P	92-19-033	296-95-266	NEW-P NEW-P	92-19-033 92-19-033
296-67-029	NEW	92-17-022	296-94-110	AMD-P	92-19-033	296-95-268	NEW-P	92-19-033
296-67-033	NEW-P	92-12-087	296-94-120	AMD-P	92-19-033	296-95-269	NEW-P	92-19-033
296-67-033	NEW	92-17-022	296-94-150	AMD-P	92-19-033	296-95-270	NEW-P	92-19-033
296-67-037	NEW-P	92-12-087	296-94-160	AMD-P	92-19-033	296-95-272	NEW-P	92-19-033
296-67-037	NEW	92-17-022	296-94-170	AMD-P	92-19-033	1 296-95-274	NEW-P	92-19-033
				F 447 3				

[ 27 ] Table

WAC #		WSR #	WAC#		WSR #	WAC#		WSR #
	·	W3K#	- WAC#	<del></del>	W3K #			WSK#
296-95-276	NEW-P	92-19-033	296-104-010	AMD-P	92-08-087	296-125-130	REP-P	92-12-093
296-95-277	NEW-P	92-19-033	296-104-010	AMD	92-11-070	296-125-130	REP-C	92-15-100
296-95-278	NEW-P	92-19-033	296-104-018	NEW-P	92-08-087	296-125-135	REP-P	92-12-093
296-95-279 296-95-280	NEW-P NEW-P	92-19-033 92-19-033	296-104-018 296-104-200	NEW AMD-P	92-11-070 92-08-087	296-125-135 296-125-140	REP-C REP-P	92-15-100 92-12-093
296-95-282	NEW-P	92-19-033	296-104-200	AMD	92-11-070	296-125-140	REP-C	92-12-093
296-95-283	NEW-P	92-19-033	296-104-500	AMD-P	92-08-087	296-125-145	REP-P	92-12-093
296-95-284	NEW-P	92-19-033	296-104-500	AMD	92-11-070	296-125-145	REP-C	92-15-100
296-95-285	NEW-P	92-19-033	296-104-501	AMD-P	92-08-087	296-125-155	REP-P	92-12-093
296-95-287	NEW-P	92-19-033	296-104-501	AMD	92-11-070	296-125-155	REP-C	92-15-100
296-95-288 296-95-289	NEW-P NEW-P	92-19-033 92-19-033	296-104-530 296-104-530	AMD-P AMD	92-08-087 92-11-070	296-125-160 296-125-160	REP-P REP-C	92-12-093 92-15-100
296-95-290	NEW-P	92-19-033	296-116-075	PREP	92-11-070	296-125-165	REP-P	92-13-100
296-95-291	NEW-P	92-19-033	296-116-075	AMD-P	92-12-079	296-125-165	REP-C	92-15-100
296-95-300	NEW-P	92-19-033	296-116-075	AMD	92-15-064	296-125-170	REP-P	92-12-093
296-95-302	NEW-P	92-19-033	296-116-080	AMD-P	92-08-049	296-125-170	REP-C	92-15-100
296-95-304	NEW-P	92-19-033	296-116-080	AMD-E	92-08-053	296-125-175	REP-P	92-12-093
296-95-307 296-95-309	NEW-P NEW-P	92-19-033 92-19-033	296-116-080 296-116-082	AMD AMD-P	92-14-070 92-04-075	296-125-175 296-127-018	REP-C NEW	92-15-100 92-08-101
296-95-311	NEW-P	92-19-033	296-116-082	AMD-P	92-04-073	296-127-018	NEW-P	92-10-078
296-95-313	NEW-P	92-19-033	296-116-082	AMD-E	92-08-054	296-131-006	NEW	92-15-099
296-95-316	NEW-P	92-19-033	296-116-110	AMD-E	92-03-108	296-131-120	AMD-P	92-10-078
296-95-318	NEW-P	92-19-033	296-116-110	AMD-P	92-04-073	296-131-120	AMD	92-15-099
296-95-321	NEW-P	92-19-033	296-116-110	AMD	92-08-050	296-131-130	AMD-P	92-10-078
296-95-322 296-95-323	NEW-P	92-19-033	296-116-185	AMD-P	92-08-048	296-131-130	AMD	92-15-099
296-95-323 296-95-324	NEW-P NEW-P	92-19-033 92-19-033	296-116-185 296-116-185	AMD-C AMD	92-11-035 92-14-069	296-155-110 296-155-110	AMD-P AMD-C	92-03-137 92-08-099
296-95-325	NEW-P	92-19-033	296-116-2051	AMD-P	92-04-074	296-155-110	AMD-C	92-08-099
296-95-326	NEW-P	92-19-033	296-116-2051	AMD	92-08-052	296-155-300	AMD-P	92-19-130
296-95-328	NEW-P	92-19-033	296-116-300	AMD-P	92-07-076	296-155-305	AMD-P	92-19-130
296-95-330	NEW-P	92-19-033	296-116-300	AMD	92-14-007	296-155-428	AMD-P	92-18-098
296-95-332	NEW-P	92-19-033	296-116-300	AMD-E	92-14-008	296-155-444	AMD-P	92-18-098
296-95-334 296-95-336	NEW-P NEW-P	92-19-033 92-19-033	296-125 296-125	AMD-P AMD-C	92-12-093 92-14-115	296-155-449 296-155-48527	AMD-P AMD-P	92-18-098 92-12-087
296-95-338	NEW-P	92-19-033	296-125	AMD-C	92-15-100	296-155-48527	AMD-F	92-17-022
296-95-340	NEW-P	92-19-033	296-125-010	AMD-P	92-12-093	296-155-48529	AMD-P	92-12-087
296-95-342	NEW-P	92-19-033	296-125-010	AMD-C	92-15-100	296-155-48529	AMD	92-17-022
296-95-344	NEW-P	92-19-033	296-125-011	NEW-P	92-12-093	296-155-48531	AMD-P	92-12-087
296-95-400 296-95-405	NEW-P NEW-P	92-19-033 92-19-033	296-125-011 296-125-012	NEW-C NEW-P	92-15-100	296-155-48531	AMD	92-17-022
296-95-408	NEW-P	92-19-033	296-125-012	NEW-P	92-12-093 92-15-100	296-155-48536 296-155-650	AMD-P AMD-P	92-15-147 92-15-147
296-95-410	NEW-P	92-19-033	296-125-015	AMD-P	92-12-093	296-155-655	AMD-P	92-15-147
296-95-412	NEW-P	92-19-033	296-125-015	AMD-C	92-15-100	296-155-657	AMD-P	92-15-147
296-95-414	NEW-P	92-19-033	296-125-020	AMD-P	92-12-093	296-155-66103	AMD-P	92-15-147
296-95-416	NEW-P	92-19-033	296-125-020	AMD-C	92-15-100	296-155-66105	AMD-P	92-15-147
296-95-418 296-95-420	NEW-P NEW-P	92-19-033 92-19-033	296-125-023 296-125-023	REP-P REP-C	92-12-093 92-15-100	296-155-66109 296-155-664	AMD-P AMD-P	92-15-147 92-15-147
296-95-422	NEW-P	92-19-033	296-125-024	NEW-P	92-13-100	296-155-66401	NEW-P	92-13-147
296-95-424	NEW-P	92-19-033	296-125-024	NEW-C	92-15-100	296-155-66403	NEW-P	92-15-147
296-95-427	NEW-P	92-19-033	296-125-026	NEW-P	92-12-093	296-155-66405	NEW-P	92-15-147
296-95-429	NEW-P	92-19-033	296-125-026	NEW-C	92-15-100	296-155-66407	NEW-P	92-15-147
296-95-431	NEW-P	92-19-033	296-125-027	AMD-P	92-12-093	296-155-66409	NEW-P	92-15-147
296-95-432 296-95-434	NEW-P NEW-P	92-19-033 92-19-033	296-125-027 296-125-028	AMD-C NEW-P	92-15-100 92-12-093	296-155-66411 296-155-694	NEW-P AMD-P	92-15-147 92-15-147
296-95-436	NEW-P	92-19-033	296-125-028	NEW-P	92-12-093	296-306	PREP	92-13-147 92-08-098
296-95-438	NEW-P	92-19-033	296-125-030	AMD-P	92-12-093	296-306	PREP	92-11-072
296-95-440	NEW-P	92-19-033	296-125-030	AMD-C	92-15-100	296-306-010	AMD-P	92-18-099
296-95-442	NEW-P	92-19-033	296-125-033	AMD-P	92-12-093	296-306-012	AMD-P	92-18-099
296-95-444	NEW-P	92-19-033	296-125-033	AMD-C	92-15-100	296-306-035	AMD-P	92-18-099
296-95-446 296-95-448	NEW-P NEW-P	92-19-033	296-125-050	AMD-P	92-12-093	296-306-060	AMD-P	92-18-099
296-95-448 296-95-450	NEW-P NEW-P	92-19-033 92-19-033	296-125-050 296-125-055	AMD-C REP-P	92-15-100 92-12-093	296-306-061 296-306-06101	NEW-P NEW-P	92-18-099 92-18-099
296-95-500	NEW-P	92-19-033	296-125-055	REP-C	92-15-100	296-306-06103	NEW-P	92-18-099
296-95-510	NEW-P	92-19-033	296-125-060	AMD-P	92-12-093	296-306-06105	NEW-P	92-18-099
296-95-540	NEW-P	92-19-033	296-125-060	AMD-C	92-15-100	296-306-06107	NEW-P	92-18-099
296-95-600	NEW-P	92-19-033	296-125-110	REP-P	92-12-093	296-306-06109	NEW-P	92-18-099
296-95-610 296-95-620	NEW-P	92-19-033	296-125-110	REP-C	92-15-100	296-306-06111	NEW-P	92-18-099
296-95-620 296-95-630	NEW-P NEW-P	92-19-033 92-19-033	296-125-115 296-125-115	REP-P REP-C	92-12-093 92-15-100	296-306-06113 296-306-06115	NEW-P NEW-P	92-18-099
296-95-700	NEW-P	92-19-033	296-125-113	REP-P	92-13-100 92-12-093	296-306-06117	NEW-P NEW-P	92-18-099 92-18-099
296-95-710	NEW-P	92-19-033	296-125-120	REP-C	92-15-100	296-306-06119	NEW-P	92-18-099
296-95-800	NEW-P	92-19-033	296-125-125	REP-P	92-12-093	296-306-062	NEW-P	92-18-099
296-95-810	NEW-P	92-19-033	296-125-125	REP-C	92-15-100	296-306-063	NEW-P	92-18-099
Table				[28]				

Table [ 28 ]

WAC#		WSR #	WAC #	···············	WSR #	WAC#		WSR #
296-306-064	NEW-P	92-18-099	306-01-060	NEW-P	92-11-064	308-20-208	NEW	92-04-006
296-306-06401	NEW-P	92-18-099	306-01-060	NEW	92-15-018	308-20-210	AMD	92-04-006
296-306-06403	NEW-P	92-18-099	306-01-070	NEW-P	92-11-064	308-20-210	AMD-P	92-10-079
296-306-06405	NEW-P	92-18-099	306-01-070	NEW	92-15-018	308-20-210	AMD	92-15-087
296-306-06407	NEW-P	92-18-099	306-01-080	NEW-P	92-11-064	308-20-310	NEW-P	92-10-079
296-306-06409 296-306-06411	NEW-P NEW-P	92-18-099 92-18-099	306-01-080 308-10-005	NEW AMD-P	92-15-018	308-20-310	NEW D	92-15-087
296-306-06413	NEW-P	92-18-099	308-10-005	AMD-P AMD	92-05-088 92-09-107	308-20-500 308-20-500	NEW-P NEW	92-10-079 92-15-087
296-306-06415	NEW-P	92-18-099	308-10-009	AMD-P	92-05-088	308-20-510	NEW-P	92-13-087
296-306-06417	NEW-P	92-18-099	308-10-010	AMD	92-09-107	308-20-510	NEW	92-15-087
296-306-067	NEW-P	92-18-099	308-10-015	AMD-P	92-05-088	308-20-520	NEW-P	92-10-079
296-306-06701	NEW-P	92-18-099	308-10-015	AMD	92-09-107	308-20-520	NEW	92-15-087
296-306-06703	NEW-P	92-18-099	308-10-020	AMD-P	92-05-088	308-20-530	NEW-P	92-10-079
296-306-06705		• 92-18-099	308-10-020	AMD	92-09-107	308-20-530	NEW	92-15-087
296-306-06707 296-306-06709	NEW-P NEW-P	92-18-099 92-18-099	308-10-025 308-10-025	AMD-P AMD	92-05-088 92-09-107	308-20-540 308-20-540	NEW-P NEW	92-10-079 92-15-087
296-306-068	NEW-P	92-18-099	308-10-023	AMD-P	92-05-107	308-20-545	NEW-P	92-13-087
296-306-06801	NEW-P	92-18-099	308-10-030	AMD	92-09-107	308-20-545	NEW	92-15-087
296-306-06803	NEW-P	92-18-099	308-10-040	AMD-P	92-05-088	308-20-550	NEW-P	92-10-079
296-306-06805	NEW-P	92-18-099	308-10-040	AMD	92-09-107	308-20-550	NEW	92-15-087
296-306-070	AMD-P	92-18-099	308-10-045	AMD-P	92-05-088	308-20-560	NEW-P	92-10-079
296-306-081	NEW-P	92-18-099	308-10-045	AMD	92-09-107	308-20-560	NEW	92-15-087
296-306-08101 296-306-08103	NEW-P NEW-P	92-18-099 92-18-099	308-10-050 308-10-050	AMD-P AMD	92-05-088 92-09-107	308-20-570 308-20-570	NEW-P	92-10-079
296-306-08105	NEW-P	92-18-099	308-10-055	AMD-P	92-05-107	308-20-590	NEW NEW-P	92-15-087 92-10-079
296-306-082	NEW-P	92-18-099	308-10-055	AMD	92-09-107	308-20-590	NEW	92-15-087
296-306-08201	NEW-P	92-18-099	308-10-060	AMD-P	92-05-088	308-20-600	NEW-P	92-10-079
296-306-083	NEW-P	92-18-099	308-10-060	AMD	92-09-107	308-20-600	NEW	92-15-087
296-306-08301	NEW-P	92-18-099	308-10-070	AMD-P	92-05-088	308-20-610	NEW-P	92-10-079
296-306-08307	NEW-P	92-18-099	308-10-070	AMD	92-09-107	308-20-610	NEW	92-15-087
296-306-084 296-306-08401	NEW-P NEW-P	92-18-099 92-18-099	308-11-100 308-11-100	AMD-P AMD	92-09-097 92-13-045	308-20-630 308-20-630	NEW-P	92-10-079
296-306-08403	NEW-P	92-18-099	308-11-130	NEW-P	92-13-043	308-20-640	NEW NEW-P	92-15-087 92-10-079
296-306-08405	NEW-P	92-18-099	308-11-130	NEW	92-13-045	308-20-640	NEW	92-15-087
296-306-08407	NEW-P	92-18-099	308-13-032	AMD-P	92-05-013	308-20-670	NEW-P	92-10-079
296-306-08409	NEW-P	92-18-099	308-13-032	AMD	92-10-030	308-20-670	NEW	92-15-087
296-306-105	AMD-P	92-18-099	308-13-040	AMD-P	92-05-013	308-20-680	NEW-P	92-10-079
296-306-115	AMD-P	92-18-099	308-13-040	AMD	92-10-030	308-20-680	NEW	92-15-087
296-306-145 296-306-14501	AMD-P NEW-P	92-18-099 92-18-099	308-13-041 308-13-041	REP-P REP	92-05-013 92-10-030	308-20-690 308-20-690	NEW-P NEW	92-10-079 92-15-087
296-306-14503	NEW-P	92-18-099	308-13-041	REP-P	92-05-013	308-20-700	NEW-P	92-13-087
296-306-14505	NEW-P	92-18-099	308-13-042	REP	92-10-030	308-20-700	NEW	92-15-087
296-306-14507	NEW-P	92-18-099	308-20	AMD	92-04-006	308-21-010	NEW-P	92-17-087
296-306-14509	NEW-P	92-18-099	308-20-001	NEW-P	92-10-079	308-21-100	NEW-P	92-17-087
296-306-146	NEW-P	92-18-099	308-20-001	NEW	92-15-087	308-21-200	NEW-P	92-17-087
296-306-147	NEW-P	92-18-099	308-20-005	NEW-P	92-10-079	308-21-300	NEW-P	92-17-087
296-306-148 296-306-165	NEW-P AMD-P	92-18-099 92-18-099	308-20-005 308-20-010	NEW	92-15-087	308-21-400 308-21-500	NEW-P	92-17-087
296-306-26001	AMD-P	92-18-099	308-20-010	AMD AMD	92-04-006 92-04-006	308-21-600	NEW-P NEW-P	92-17-087 92-17-087
296-306-265	AMD-P	92-18-099	308-20-020	AMD	92-04-006	308-30-005	NEW-P	92-19-126
296-306-270	AMD-P	92-18-099	308-20-040	AMD	92-04-006	308-30-010	AMD-P	92-19-126
296-306-27095	AMD-P	92-18-099	308-20-045	NEW-P	92-10-079	308-30-020	AMD-P	92-19-126
296-306-330	NEW-P	92-18-099	308-20-045	NEW	92-15-087	308-30-030	AMD-P	92-19-126
296-306-400	AMD-P	92-18-099	308-20-050	AMD	92-04-006	308-30-040	AMD-P	92-19-126
296-306-40003	AMD-P	92-18-099 92-18-099	308-20-060	AMD	92-04-006	308-30-050	AMD-P	92-19-126
296-306-40007 296-306-40009	NEW-P NEW-P	92-18-099	308-20-070 308-20-080	AMD AMD	92-04-006 92-04-006	308-30-060 308-30-070	AMD-P AMD-P	92-19-126 92-19-126
296-306-40011	NEW-P	92-18-099	308-20-090	AMD	92-04-006	308-30-080	AMD-P	92-19-126
296-401-175	AMD-P	92-03-136	308-20-100	AMD	92-04-006	308-30-090	AMD-P	92-19-126
296-401-175	AMD	92-09-010	308-20-105	AMD	92-04-006	308-30-110	NEW-P	92-19-126
296-401-175	AMD-E	92-09-011	308-20-107	AMD	92-04-006	308-30-120	NEW-P	92-19-126
304-12-030	AMD-P	92-04-076	308-20-109	AMD	92-04-006	308-30-130	NEW-P	92-19-126
304-12-030	AMD	92-08-023	308-20-110	AMD	92-04-006	308-30-140	NEW-P	92-19-126
306-01-010 306-01-010	NEW-P NEW	92-11-064 92-15-018	308-20-120 308-20-130	AMD	92-04-006 92-04-006	308-30-150	NEW-P	92-19-126
306-01-010 306-01-020	NEW-P	92-13-018 92-11-064	308-20-130	AMD AMD	92-04-006 92-04-006	308-30-155 308-30-160	NEW-P NEW-P	92-19-126 92-19-126
306-01-020	NEW	92-11-004	308-20-150	AMD	92-04-006	308-30-100	NEW-P	92-19-126
306-01-030	NEW-P	92-11-064	308-20-155	AMD	92-04-006	308-30-170	NEW-P	92-19-126
306-01-030	NEW	92-15-018	308-20-171	AMD	92-04-006	308-30-190	NEW-P	92-19-126
306-01-040	NEW-P	92-11-064	308-20-172	NEW	92-04-006	308-56A-010	AMD-P	92-11-048
306-01-040	NEW	92-15-018	308-20-175	AMD	92-04-006	308-56A-010	AMD	92-15-024
306-01-050	NEW-P	92-11-064	308-20-180	AMD	92-04-006	308-56A-040	AMD-P	92-11-048
306-01-050	NEW	92-15-018	308-20-205	AMD	92-04-006	I 308-56A-040	AMD	92-15-024

[ 29 ] Table

			1			1		
WAC #		WSR #	WAC #		WSR #	WAC#		WSR #
308-56A-140	AMD	92-03-077	308-96A-040	AMD	92-02-100	308-102-230	REP-P	92-05-061
308-56A-250	AMD-P	92-11-048	308-96A-046	AMD	92-02-100	308-102-230	REP	92-08-045
308-56A-250	AMD	92-15-024	308-96A-100	AMD	92-03-076	308-102-240	REP-P	92-05-061
308-56A-260	REP-P	92-11-048	308-96A-136	AMD	92-02-100	308-102-240	REP	92-08-045
308-56A-260	REP	92-15-024	308-96A-161	AMD-P	92-11-050	308-102-250	AMD-P	92-05-061
308-56A-450	AMD-P	92-11-048	308-96A-161	AMD	92-15-025	308-102-250	AMD	92-08-045
308-56A-450	AMD	92-15-024	308-96A-162	AMD-P	92-11-050	308-102-255	NEW-P	92-05-061
308-56A-455	AMD-P	92-11-048	308-96A-162	AMD	92-15-025	308-102-255	NEW	92-08-045
308-56A-455	AMD	92-15-024	308-96A-201	NEW	92-02-100	308-102-260	AMD-P	92-05-061
308-56A-460	AMD-P	92-11-048	308-96A-205	AMD	92-02-100	308-102-260	AMD	92-08-045
308-56A-460	AMD AMD-P	92-15-024 92-11-048	308-96A-206 308-96A-207	NEW NEW	92-02-100 92-02-100	308-102-265 308-102-265	AMD-P AMD	92-05-061 92-08-045
308-56A-465 308-56A-465	AMD-P AMD	92-11-048 92-15-024	308-96A-208	NEW	92-02-100	308-102-203	REP-P	92-08-043
308-56A-470	NEW	92-13-024	308-96A-210	AMD	92-02-100	308-102-270	REP	92-08-045
308-57-230	AMD-P	92-11-048	308-96A-220	AMD	92-02-100	308-102-270	REP-P	92-05-061
308-57-230	AMD	92-15-024	308-96A-260	AMD	92-02-100	308-102-280	REP	92-08-045
308-57-250	NEW-P	92-16-086	308-96A-275	AMD	92-02-100	308-102-290	AMD-P	92-05-061
308-58-020	AMD-P	92-11-047	308-96A-275	AMD-P	92-11-050	308-102-290	AMD	92-08-045
308-58-020	AMD	92-15-022	308-96A-275	AMD	92-15-025	308-102-295	REP-P	92-05-061
308-58-040	AMD-P	92-11-047	308-96A-300	AMD	92-02-100	308-102-295	REP	92-08-045
308-58-040	AMD	92-15-022	308-96A-306	AMD	92-03-076	308-104-160	AMD-P	92-05-061
308-72-510	AMD-P	92-16-040	308-96A-310	AMD	92-03-076	308-104-160	AMD	92-08-045
308-88-010	NEW-E	92-19-028	308-96A-315	AMD	92-03-076	308-104-340	NEW-P	92-05-061
308-88-015	NEW-E	92-19-028	308-96A-320	AMD	92-03-076	308-104-340	NEW	92-08-045
308-88-016	NEW-E	92-19-028	308-96A-325	AMD	92-03-076	308-124D-040	AMD-P	92-17-071
308-88-019	NEW-E	92-19-028	308-96A-330	AMD	92-03-076 92-03-076	308-124F-020 308-125-010	AMD-P	92-17-071 92-14-084
308-88-020 308-88-021	NEW-E NEW-E	92-19-028 92-19-028	308-96A-335 308-96A-340	AMD NEW	92-03-076	308-125-010	AMD-P AMD	92-14-084
308-88-022	NEW-E	92-19-028	308-100-21100A		92-17-024	308-125-020	AMD-P	92-14-084
308-88-025	NEW-E	92-19-028	308-102-002	NEW-P	92-05-061	308-125-020	AMD	92-18-018
308-88-030	NEW-E	92-19-028	308-102-002	NEW	92-08-045	308-125-030	AMD-P	92-14-084
308-88-040	NEW-E	92-19-028	308-102-004	NEW-P	92-05-061	308-125-030	AMD	92-18-018
308-88-045	NEW-E	92-19-028	308-102-004	NEW	92-08-045	308-125-070	AMD-P	92-14-084
308-88-046	<b>NEW-E</b>	92-19-028	308-102-006	NEW-P	92-05-061	308-125-070	AMD	92-18-018
308-88-047	NEW-E	92-19-028	308-102-006	NEW	92-08-045	308-125-080	AMD-P	92-14-084
308-88-048	NEW-E	92-19-028	308-102-008	NEW-P	92-05-061	308-125-080	AMD	92-18-018
308-88-050	NEW-E	92-19-028	308-102-008	NEW	92-08-045	308-125-085	NEW-P	92-14-084
308-89-020	AMD-P	92-09-145	308-102-010	AMD-P	92-05-061	308-125-085	NEW	92-18-018
308-89-020	AMD	92-12-036	308-102-010	AMD	92-08-045	308-125-100	AMD-P	92-14-084
308-89-040	AMD-P AMD	92-09-145 92-12-036	308-102-011 308-102-011	AMD-P AMD	92-05-061 92-08-045	308-125-120 308-125-120	AMD-P AMD	92-14-084 92-18-018
308-89-040 308-89-050	AMD-P	92-09-145	308-102-011	AMD-P	92-05-061	308-125-130	AMD-P	92-14-084
308-89-050	AMD	92-12-036	308-102-020	AMD	92-08-045	308-125-130	AMD	92-18-018
308-89-060	NEW-P	92-09-145	308-102-040	REP-P	92-05-061	308-300-220	AMD-P	92-07-095
308-89-060	NEW	92-12-036	308-102-040	REP	92-08-045	308-300-220	AMD	92-10-010
308-90-150	AMD	92-06-009	308-102-100	AMD-P	92-05-061	308-300-230	AMD-P	92-07-095
308-93-050	AMD	92-03-075	308-102-100	AMD	92-08-045	308-300-230	AMD	92-10-010
308-93-070	AMD	92-03-075	308-102-110	REP-P	92-05-061	308-300-240	AMD-P	92-07-095
308-93-241	NEW-P	92-11-046	308-102-110	REP	92-08-045	308-300-240	AMD	92-10-010
308-93-241	NEW	92-15-023	308-102-120	REP-P	92-05-061	308-300-250	AMD-P	92-07-095
308-93-242	NEW-P	92-11-046	308-102-120	REP	92-08-045	308-300-250	AMD	92-10-010
308-93-242	NEW D	92-15-023	308-102-125	REP-P	92-05-061	308-300-270	AMD-P	92-07-095
308-93-243 308-93-243	NEW-P NEW	92-11-046 92-15-023	308-102-125 308-102-130	REP AMD-P	92-08-045	308-300-270 308-300-280	AMD	92-10-010
308-93-244	NEW-P	92-13-023	308-102-130	AMD-F	92-05-061 92-08-045	308-300-280	AMD-P AMD	92-07-095 92-10-010
308-93-244	NEW	92-15-023	308-102-140	AMD-P	92-05-061	308-400-095	PREP	92-19-007
308-93-245	NEW-P	92-11-046	308-102-140	AMD	92-08-045	314-12-015	NEW-P	92-08-085
308-93-245	NEW	92-15-023	308-102-150	REP-P	92-05-061	314-12-015	NEW	92-14-024
308-93-290	AMD	92-03-075	308-102-150	REP	92-08-045	314-12-080	AMD-P	92-18-088
308-93-295	AMD	92-06-009	308-102-160	REP-P	92-05-061	314-12-090	REP-P	92-08-084
308-94-030	AMD-P	92-11-049	308-102-160	REP	92-08-045	314-12-090	REP	92-14-023
308-94-030	AMD	92-15-021	308-102-170	REP-P	92-05-061	314-12-115	NEW-P	92-18-072
308-94-080	AMD-P	92-11-049	308-102-170	REP	92-08-045	314-12-130	REP-P	92-18-074
308-94-080	AMD	92-15-021	308-102-180	REP-P	92-05-061	314-12-180	NEW-P	92-18-070
308-94-200	AMD-P	92-11-049	308-102-180	REP	92-08-045	314-16-055	NEW-P	92-18-073
308-94-200	AMD	92-15-021	308-102-190	AMD-P	92-05-061	314-16-170	REP-P	92-18-071
308-96A-005	AMD	92-02-100	308-102-190	AMD	92-08-045	314-16-190	AMD-P	92-08-086
308-96A-005	AMD-P	92-11-050	308-102-200	AMD-P	92-05-061	314-16-190	AMD-W	92-14-022
308-96A-005	AMD	92-15-025	308-102-200	AMD DED D	92-08-045	314-16-196	AMD-P	92-08-088
308-96A-026 308-96A-026	AMD-P AMD	92-11-050 92-15-025	308-102-210 308-102-210	REP-P REP	92-05-061 92-08-045	314-16-196 314-16-197	AMD AMD-P	92-14-025 92-08-089
308-96A-025	AMD-P	92-13-023 92-11-050	308-102-210	REP-P	92-05-061	314-16-197	AMD-P AMD	92-14-026
308-96A-035	AMD	92-11-030	308-102-220	REP	92-03-001	314-20-015	AMD-P	92-14-020
T-L1-		10 000		1.20.1	00 0 10	. 510 015		,

Table [ 30 ]

WAC#		WSR #	WAC#		WSR #	WAC#		WSR #
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314-20-020	AMD	92-03-109	315-11-830	NEW-P	92-12-091	315-33B-060	AMD-P	92-12-091
314-20-070	AMD-P	92-09-143	315-11-830	NEW	92-15-082	315-33B-060	AMD-W	92-15-083
314-20-070	AMD	92-14-028	315-11-831	NEW-P	92-12-091	315-33B-070	NEW-P	92-03-146
314-24-040	AMD	92-03-110	315-11-831	NEW	92-15-082	315-33B-070	NEW	92-08-002
314-24-160 314-60-040	AMD-P AMD-P	92-18-089	315-11-832	NEW-P	92-12-091	315-34-010	AMD-P	92-08-093
314-60-040	AMD-P	92-09-142 92-14-027	315-11-832 315-11-840	NEW NEW-P	92-15-082 92-12-091	315-34-010	AMD	92-11-033
315-04-190	AMD-P	92-14-027	315-11-840	NEW-P	92-12-091	315-34-020 315-34-020	AMD-P AMD	92-08-093 92-11-033
315-04-190	AMD	92-19-057	315-11-841	NEW-P	92-13-082	315-34-040	AMD-P	92-11-033
315-11-691	AMD	92-03-048	315-11-841	NEW	92-15-082	315-34-040	AMD	92-07-014
315-11-710	NEW	92-03-048	315-11-842	NEW-P	92-12-091	315-34-040	AMD-P	92-08-093
315-11-711	NEW	92-03-048	315-11-842	NEW	92-15-082	315-34-040	AMD	92-11-033
315-11-712	NEW	92-03-048	315-11-850	NEW-P	92-12-091	315-35-010	NEW-P	92-16-101
315-11-730	NEW	92-03-048	315-11-850	NEW	92-15-082	315-35-010	NEW	92-19-057
315-11-731	NEW	92-03-048	315-11-851	NEW-P	92-12-091	315-35-020	NEW-P	92-16-101
315-11-732	NEW	92-03-048	315-11-851	NEW	92-15-082	315-35-020	NEW	92-19-057
315-11-740	NEW	92-03-048	315-11-852	NEW-P	92-12-091	315-35-030	NEW-P	92-16-101
315-11-741	NEW	92-03-048	315-11-852	NEW	92-15-082	315-35-030	NEW	92-19-057
315-11-742	NEW D	92-03-048	315-11-860	NEW-P	92-16-101	315-35-040	NEW-P	92-16-101
315-11-750 315-11-750	NEW-P NEW-W	92-03-146 92-05-069	315-11-860 315-11-861	NEW NEW-P	92-19-057 92-16-101	315-35-040	NEW NEW-P	92-19-057
315-11-751	NEW-P	92-03-146	315-11-861	NEW-F	92-10-101	315-35-050 315-35-050	NEW-P	92-16-101 92-19-057
315-11-751	NEW-W	92-05-069	315-11-862	NEW-P	92-16-101	315-35-060	NEW-P	92-19-037
315-11-752	NEW-P	92-03-146	315-11-862	NEW	92-19-057	315-35-060	NEW	92-19-057
315-11-752	NEW-W	92-05-069	315-11-870	NEW-P	92-16-101	315-40-010	NEW	92-03-048
315-11-753	NEW	92-08-002	315-11-870	NEW	92-19-057	315-40-020	NEW	92-03-048
315-11-754	NEW	92-08-002	315-11-871	NEW-P	92-16-101	315-40-030	NEW	92-03-048
315-11-755	NEW	92-08-002	315-11-871	NEW	92-19-057	315-40-040	NEW	92-03-048
315-11-760	NEW-P	92-03-146	315-11-872	NEW-P	92-16-101	315-40-050	NEW	92-03-048
315-11-760	NEW	92-08-002	315-11-872	NEW	92-19-057	315-40-060	NEW	92-03-048
315-11-761	NEW-P	92-03-146	315-11-880	NEW-P	92-16-101	315-40-070	NEW	92-03-048
315-11-761	NEW	92-08-002	315-11-880	NEW	92-19-057	315-40-080	NEW	92-03-048
315-11-762	NEW-P	92-03-146	315-11-881	NEW-P	92-16-101	315-41-50100	NEW	92-03-048
315-11-762 315-11-770	NEW NEW-P	92-08-002 92-03-146	315-11-881 315-11-882	NEW NEW-P	92-19-057 92-16-101	315-41-50110 315-41-50120	NEW NEW	92-03-048 92-03-048
315-11-770	NEW-P	92-08-093	315-11-882	NEW-F	92-10-101	315-41-50200	NEW	92-03-048
315-11-770	NEW	92-11-033	315-11-890	NEW-P	92-19-127	315-41-50210	NEW	92-03-048
315-11-771	NEW-P	92-03-146	315-11-891	NEW-P	92-19-127	315-41-50220	NEW	92-03-048
315-11-771	NEW-P	92-08-093	315-11-892	NEW-P	92-19-127	315-41-50300	NEW	92-03-048
315-11-771	NEW	92-11-033	315-11-900	NEW-P	92-19-127	315-41-50310	NEW	92-03-048
315-11-772	NEW-P	92-03-146	315-11-901	NEW-P	92-19-127	315-41-50320	NEW	92-03-048
315-11-772	NEW-P	92-08-093	315-11-902	NEW-P	92-19-127	315-41-50400	NEW-P	92-03-146
315-11-772	NEW	92-11-033	315-11-910	NEW-P	92-19-127	315-41-50400	NEW	92-08-094
315-11-780	NEW-P	92-08-093	315-11-911	NEW-P	92-19-127	315-41-50410	NEW-P	92-03-146
315-11-780	NEW	92-11-033	315-11-912	NEW-P	92-19-127	315-41-50410	NEW	92-08-094
315-11-781	NEW-P NEW	92-08-093 92-11-033	315-30-020 315-30-020	AMD-P AMD	92-08-093	315-41-50420	NEW-P	92-03-146
315-11-781 315-11-782	NEW-P	92-08-093	315-30-020	AMD-P	92-11-033 92-08-093	315-41-50420 315-41-50500	NEW NEW-P	92-08-094 92-03-146
315-11-782	NEW	92-11-033	315-30-030	AMD-F	92-11-033	315-41-50500	NEW-P	92-03-140
315-11-790	NEW-P	92-08-093	315-30-040	AMD-P	92-08-093	315-41-50510	NEW-P	92-03-146
315-11-790	NEW	92-11-033	315-30-040	AMD	92-11-033	315-41-50510	NEW	92-08-094
315-11-791	NEW-P	92-08-093	315-31-060	AMD-P	92-08-093	315-41-50520	NEW-P	92-03-146
315-11-791	NEW	92-11-033	315-31-060	AMD-W	92-11-010	315-41-50520	NEW	92-08-094
315-11-792	NEW-P	92-08-093	315-31-060	AMD-P	92-12-091	315-41-50600	NEW-P	92-03-146
315-11-792	NEW	92-11-033	315-31-060	AMD	92-16-004	315-41-50600	NEW	92-08-094
315-11-800	NEW-P	92-08-093	315-33A-010	AMD-P	92-08-093	315-41-50610	NEW-P	92-03-146
315-11-800	NEW	92-11-033	315-33A-010	AMD	92-11-033	315-41-50610	NEW	92-08-094
315-11-801	NEW-P	92-08-093	315-33A-020	AMD-P	92-08-093	315-41-50620	NEW-P	92-03-146
315-11-801	NEW	92-11-033	315-33A-020	AMD	92-11-033	315-41-50620	NEW	92-08-094
315-11-802	NEW-P	92-08-093	315-33A-060	AMD-P	92-12-091	316-02-520	AMD-P	92-18-006
315-11-802	NEW D	92-11-033 92-12-091	315-33A-060 315-33B-010	AMD-W	92-15-083	316-02-820	AMD-P	92-18-006 92-18-006
315-11-810 315-11-810	NEW-P NEW	92-12-091 92-15-082	315-33B-010 315-33B-010	NEW-P NEW	92-03-146 92-08-002	316-45-003 316-45-020	AMD-P NEW-P	92-18-006
315-11-811	NEW-P	92-13-082	315-33B-010 315-33B-020	NEW-P	92-03-146	316-65-005	AMD-P	92-18-006
315-11-811	NEW	92-15-082	315-33B-020	NEW	92-08-002	316-65-010	AMD-P	92-18-006
315-11-812	NEW-P	92-13-091	315-33B-030	NEW-P	92-03-146	318-04-020	AMD-E	92-15-050
315-11-812	NEW	92-15-082	315-33B-030	NEW	92-08-002	318-04-020	AMD-P	92-19-118
315-11-820	NEW-P	92-12-091	315-33B-040	NEW-P	92-03-146	318-04-030	AMD	92-03-061
315-11-820	NEW	92-15-082	315-33B-040	NEW	92-08-002	318-04-030	AMD-E	92-15-050
315-11-821	NEW-P	92-12-091	315-33B-050	NEW-P	92-03-146	318-04-030	AMD-P	92-19-118
315-11-821	NEW	92-15-082	315-33B-050	NEW	92-08-002	326-02-010	AMD-E	92-07-001
315-11-822	NEW-P	92-12-091	315-33B-060	NEW-P	92-03-146	326-02-010	RESCIND	92-07-102
315-11-822	NEW	92-15-082	l 315-33B-060	NEW	92-08-002	I 326-02-010	AMD-E	92-07-102
				f 21 1				

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WAC #		WSR #	WAC #		WSR #	WAC#		WSR #
326-02-010	AMD-P	92-07-103	326-08-040	AMD-E	92-11-019	326-20-040	AMD	92-11-007
326-02-010	AMD	92-11-007	326-08-040	AMD-L	92-11-019	326-20-050	AMD-E	92-07-001
326-02-020	AMD-E	92-07-001	326-08-050	AMD-E	92-07-001	326-20-050	RESCIND	92-07-102
326-02-020	RESCIND	92-07-102	326-08-050	AMD-P	92-11-018	326-20-050	AMD-E	92-07-102
326-02-020	AMD-E	92-07-102	326-08-050	AMD-E	92-11-019	326-20-050	AMD-P	92-07-103
326-02-020	AMD-P	92-07-103	326-08-050	AMD	92-15-077	326-20-050	AMD	92-11-007
326-02-020	AMD	92-11-007	326-08-051	NEW-E	92-07-001	326-20-060	AMD-E	92-07-001
326-02-030	AMD-E	92-07-001	326-08-051	NEW-P	92-11-018	326-20-060	RESCIND	92-07-102
326-02-030	RESCIND	92-07-102	326-08-051	NEW-E	92-11-019	326-20-060	AMD-E	92-07-102
326-02-030	AMD-E	92-07-102	326-08-051	NEW	92-15-077	326-20-060	AMD-P	92-07-103
326-02-030 326-02-030	AMD-P	92-07-103	326-08-060 326-08-060	REP-E REP-P	92-07-001	326-20-060 326-20-070	AMD AMD-E	92-11-007 92-07-001
326-02-040	AMD AMD-E	92-11-007 92-07-001	326-08-060	REP-E	92-11-018 92-11-019	326-20-070	RESCIND	92-07-001
326-02-040	RESCIND	92-07-102	326-08-060	REP	92-11-019	326-20-070	AMD-E	92-07-102
326-02-040	AMD-E	92-07-102	326-08-070	AMD-E	92-07-001	326-20-070	AMD-P	92-07-102
326-02-040	AMD-P	92-07-103	326-08-070	AMD-P	92-11-018	326-20-070	AMD	92-11-007
326-02-040	AMD	92-11-007	326-08-070	AMD-E	92-11-019	326-20-080	AMD-E	92-07-001
326-02-045	NEW-E	92-07-001	326-08-070	AMD	92-15-077	326-20-080	RESCIND	92-07-102
326-02-045	RESCIND	92-07-102	326-08-080	AMD-E	92-07-001	326-20-080	AMD-E	92-07-102
326-02-045	NEW-E	92-07-102	326-08-080	AMD-P	92-11-018	326-20-080	AMD-P	92-07-103
326-02-045	NEW-P	92-07-103	326-08-080	AMD-E	92-11-019	326-20-080	AMD	92-11-007
326-02-045	NEW	92-11-007	326-08-080	AMD	92-15-077	326-20-081	AMD-E	92-07-001
326-02-050	AMD-E	92-07-001	326-08-090	AMD-E	92-07-001	326-20-081	RESCIND	92-07-102
326-02-050	RESCIND	92-07-102	326-08-090	AMD-P	92-11-018	326-20-081	AMD-E	92-07-102
326-02-050 326-02-050	AMD-E AMD-P	92-07-102 92-07-103	326-08-090 326-08-090	AMD-E AMD	92-11-019 92-15-077	326-20-081 326-20-081	AMD-P AMD	92-07-103 92-11-007
326-02-050	AMD-P AMD	92-07-103	326-08-095	AMD-E	92-13-077	326-20-081	REP-E	92-11-007
326-02-060	AMD-E	92-07-001	326-08-095	AMD-P	92-11-018	326-20-091	RESCIND	92-07-102
326-02-060	RESCIND	92-07-102	326-08-095	AMD-E	92-11-019	326-20-091	REP-E	92-07-102
326-02-060	AMD-E	92-07-102	326-08-095	AMD	92-15-077	326-20-091	REP-P	92-07-103
326-02-060	AMD-P	92-07-103	326-08-100	AMD-E	92-07-001	326-20-091	REP	92-11-007
326-02-060	AMD	92-11-007	326-08-100	AMD-P	92-11-018	326-20-092	AMD-E	92-07-001
326-02-070	AMD-E	92-07-001	326-08-100	AMD-E	92-11-019	326-20-092	RESCIND	92-07-102
326-02-070	RESCIND	92-07-102	326-08-100	AMD	92-15-077	326-20-092	AMD-E	92-07-102
326-02-070	AMD-E	92-07-102	326-08-105	NEW-E	92-07-001	326-20-092	AMD-P	92-07-103
326-02-070	AMD-P	92-07-103	326-08-105	NEW-P	92-11-018	326-20-092	AMD	92-11-007
326-02-070 326-02-080	AMD AMD-E	92-11-007 92-07-001	326-08-105 326-08-105	NEW-E NEW	92-11-019 92-15-077	326-20-093 326-20-093	REP-E RESCIND	92-07-001 92-07-102
326-02-080	RESCIND	92-07-102	326-08-103	AMD-E	92-13-077	326-20-093	REP-E	92-07-102
326-02-080	AMD-E	92-07-102	326-08-110	AMD-P	92-11-018	326-20-093	REP-P	92-07-102
326-02-080	AMD-P	92-07-103	326-08-110	AMD-E	92-11-019	326-20-093	REP	92-11-007
326-02-080	AMD	92-11-007	326-08-110	AMD	92-15-077	326-20-094	AMD-E	92-07-001
326-02-090	AMD-E	92-07-001	326-08-120	AMD-E	92-07-001	326-20-094	RESCIND	92-07-102
326-02-090	RESCIND	92-07-102	326-08-120	AMD-P	92-11-018	326-20-094	AMD-E	92-07-102
326-02-090	AMD-E	92-07-102	326-08-120	AMD-E	92-11-019	326-20-094	AMD-P	92-07-103
326-02-090	AMD-P	92-07-103	326-08-120	AMD	92-15-077	326-20-094	AMD	92-11-007
326-02-090	AMD	92-11-007	326-08-130	AMD-E	92-07-001	326-20-095 326-20-095	AMD-E	92-07-001
326-08-010 326-08-010	AMD-E AMD-P	92-07-001 92-11-018	326-08-130 326-08-130	AMD-P AMD-E	92-11-018 92-11-019	326-20-095	RESCIND AMD-E	92-07-102 92-07-102
326-08-010	AMD-F	92-11-018	326-08-130	AMD-E AMD	92-11-019	326-20-095	AMD-P	92-07-102
326-08-010	AMD	92-15-077	326-08-140	NEW-E	92-07-001	326-20-095	AMD	92-11-007
326-08-015	AMD-E	92-07-001	326-08-140	NEW-P	92-11-018	326-20-096	AMD-E	92-07-001
326-08-015	AMD-P	92-11-018	326-08-140	NEW-E	92-11-019	326-20-096	RESCIND	92-07-102
326-08-015	AMD-E	92-11-019	326-08-140	NEW	92-15-077	326-20-096	AMD-E	92-07-102
326-08-015	AMD	92-15-077	326-20-010	AMD-E	92-07-001	326-20-096	AMD-P	92-07-103
326-08-016	NEW-E	92-07-001	326-20-010	RESCIND	92-07-102	326-20-096	AMD	92-11-007
326-08-016	NEW-P	92-11-018	326-20-010	AMD-E	92-07-102	326-20-097	REP-E	92-07-001
326-08-016	NEW-E	92-11-019	326-20-010	AMD-P	92-07-103	326-20-097	RESCIND	92-07-102
326-08-016 326-08-018	NEW NEW-E	92-15-077	326-20-010	AMD	92-11-007	326-20-097	REP-E	92-07-102
326-08-018	NEW-E NEW-P	92-07-001 92-11-018	326-20-020 326-20-020	REP-E RESCIND	92-07-001 92-07-102	326-20-097 326-20-097	REP-P	92-07-103 92-11-007
326-08-018	NEW-E	92-11-018	326-20-020	REP-E	92-07-102 92-07-102	326-20-097	REP AMD-E	92-11-007
326-08-018	NEW	92-11-019	326-20-020	REP-P	92-07-102	326-20-098	RESCIND	92-07-001
326-08-020	AMD-E	92-13-077	326-20-020	REP	92-07-103	326-20-098	AMD-E	92-07-102
326-08-020	AMD-P	92-11-018	326-20-030	AMD-E	92-07-001	326-20-098	AMD-P	92-07-102
326-08-020	AMD-E	92-11-019	326-20-030	RESCIND	92-07-102	326-20-098	AMD	92-11-007
326-08-020	AMD	92-15-077	326-20-030	AMD-E	92-07-102	326-20-110	AMD-E	92-07-001
326-08-035	NEW-E	92-07-001	326-20-030	AMD-P	92-07-103	326-20-110	RESCIND	92-07-102
326-08-035	NEW-P	92-11-018	326-20-030	AMD	92-11-007	326-20-110	AMD-E	92-07-102
326-08-035	NEW-E	92-11-019	326-20-040	AMD-E	92-07-001	326-20-110	AMD-P	92-07-103
326-08-035	NEW	92-15-077	326-20-040	RESCIND	92-07-102	326-20-110	AMD	92-11-007
226 00 010				AMINE	u 2 117 1177	1 326 20 115	AMIDE	
326-08-040 326-08-040	AMD-E AMD-P	92-07-001 92-11-018	326-20-040 326-20-040	AMD-E AMD-P	92-07-102 92-07-103	326-20-115 326-20-115	AMD-E RESCIND	92-07-001 92-07-102

Table [ 32 ]

WAC #		WSR_#	WAC #		WSR #	WAC#		WSR #
326-20-115	AMD-E	92-07-102	326-30	AMD-P	92-09-151	332-24-231	REP-P	92-11-075
326-20-115	AMD-P	92-07-103	326-30-010	AMD-P	92-09-151	332-24-231	REP	92-14-096
326-20-115	AMD	92-11-007	326-30-020	AMD-P	92-09-151	332-24-232	REP-P	92-11-075
326-20-120	AMD-E	92-07-001	326-30-030	AMD-P	92-09-151	332-24-232	REP	92-14-096
326-20-120	RESCIND	92-07-102	326-30-035	REP-P	92-09-151	332-24-234	REP-P	92-11-075
326-20-120	AMD-E	92-07-102	326-30-036	REP-P	92-09-151	332-24-234	REP	92-14-096
326-20-120	AMD-P	92-07-103	326-30-037	REP-P	92-09-151	332-24-236	REP-P	92-11-075
326-20-120	AMD	92-11-007	326-30-038	REP-P	92-09-151	332-24-236	REP	92-14-096
326-20-130 326-20-130	AMD-E RESCIND	92-07-001 92-07-102	326-30-039 326-30-03901	REP-P REP-P	92-09-151 92-09-151	332-24-238 332-24-238	REP-P REP	92-11-075 92-14-096
326-20-130	AMD-E	92-07-102	326-30-03901	REP-P	92-09-151	332-24-240	REP-P	92-14-096
326-20-130	AMD-P	92-07-102	326-30-03903	REP-P	92-09-151	332-24-240	REP	92-14-096
326-20-130	AMD	92-11-007	326-30-040	REP-P	92-09-151	332-24-242	REP-P	92-11-075
326-20-140	AMD-E	92-07-001	326-30-041	NEW-P	92-09-151	332-24-242	REP	92-14-096
326-20-140	RESCIND	92-07-102	326-30-041	NEW-E	92-14-121	332-24-244	REP-P	92-11-075
326-20-140	AMD-E	92-07-102	326-30-046	NEW-P	92-09-151	332-24-244	REP	92-14-096
326-20-140	AMD-P	92-07-103	326-30-050	REP-P	92-09-151	332-24-271	NEW-P	92-11-075
326-20-140 326-20-150	AMD AMD-E	92-11-007 92-07-001	326-30-051 326-30-060	NEW-P REP-P	92-09-151 92-09-151	332-24-271 332-24-656	NEW REP-P	92-14-096 92-11-075
326-20-150	RESCIND	92-07-001	326-30-000	REP-P	92-09-151 92-09-151	332-24-656	REP-P	92-11-073 92-14-096
326-20-150	AMD-E	92-07-102	326-30-080	REP-P	92-09-151	332-26-010	NEW-E	92-14-131
326-20-150	AMD-P	92-07-103	326-30-090	REP-P	92-09-151	332-26-040	NEW-E	92-14-131
326-20-150	AMD	92-11-007	326-30-100	REP-P	92-09-151	332-26-050	NEW-E	92-14-131
326-20-160	AMD-E	92-07-001	326-30-110	AMD-P	92-09-151	332-26-060	NEW-E	92-14-131
326-20-160	RESCIND	92-07-102	326-40-010	AMD-P	92-09-151	332-26-080	NEW-E	92-09-061
326-20-160	AMD-E	92-07-102	326-40-020	AMD-P	92-09-151	332-26-081	NEW-E	92-13-057
326-20-160	AMD-P	92-07-103	326-40-030	NEW-P	92-09-151	332-52-065	AMD	92-05-036
326-20-160	AMD	92-11-007 92-07-001	326-40-040 326-40-050	NEW-P NEW-P	92-09-151 92-09-151	332-130-010	AMD	92-03-007 92-03-007
326-20-170 326-20-170	AMD-E RESCIND	92-07-001	326-40-060	NEW-P	92-09-151	332-130-020 332-130-025	AMD NEW	92-03-007
326-20-170	AMD-E	92-07-102	326-40-070	NEW-P	92-09-151	352-130-023	AMD-P	92-16-097
326-20-170	AMD-P	92-07-103	326-40-075	NEW-P	92-09-151	352-12-010	AMD	92-19-098
326-20-170	AMD	92-11-007	326-40-080	NEW-P	92-09-151	352-12-020	AMD-P	92-16-097
326-20-171	AMD-E	92-07-001	326-40-090	NEW-P	92-09-151	352-12-020	AMD	92-19-098
326-20-171	RESCIND	92-07-102	326-40-100	AMD-P	92-09-151	352-12-030	AMD-P	92-16-097
326-20-171	AMD-E	92-07-102	332-08-125	AMD-P	92-15-137	352-12-030	AMD	92-19-098
326-20-171	AMD-P	92-07-103	332-08-315	AMD-P	92-15-137	352-12-040	AMD-P	92-16-097
326-20-171 326-20-172	AMD AMD-E	92-11-007 92-07-001	332-08-405 332-08-515	AMD-P AMD-P	92-15-137 92-15-137	352-12-040 352-12-060	AMD NEW-P	92-19-098 92-16-097
326-20-172	RESCIND	92-07-102	332-08-545	AMD-P	92-15-137	352-12-060	NEW	92-19-098
326-20-172	AMD-E	92-07-102	332-10-041	NEW-E	92-16-053	352-20-010	AMD-P	92-16-097
326-20-172	AMD-P	92-07-103	332-10-041	NEW-P	92-16-056	352-20-010	AMD	92-19-098
326-20-172	AMD	92-11-007	332-10-170	AMD-P	92-12-074	352-20-020	AMD-P	92-16-097
326-20-173	AMD-E	92-07-001	332-18-010	AMD-W	92-10-068	352-20-020	AMD	92-19-098
326-20-173	RESCIND	92-07-102	332-18-120	AMD-P	92-15-138	352-20-030	AMD-P	92-16-097
326-20-173	AMD-E	92-07-102 92-07-103	332-18-130 332-18-130	NEW-W NEW-P	92-10-068 92-15-138	352-20-030 352-20-040	AMD AMD-P	92-19-098 92-16-097
326-20-173 326-20-173	AMD-P AMD	92-07-103 92-11-007	332-18-130	AMD	92-13-138	352-20-040	AMD-F	92-19-098
326-20-173	AMD-E	92-07-001	332-22-020	AMD-W	92-12-075	352-20-050	AMD-P	92-16-097
326-20-180	RESCIND	92-07-102	332-22-070	NEW-W	92-12-075	352-20-050	AMD	92-19-098
326-20-180	AMD-E	92-07-102	332-22-100	AMD-W	92-12-075	352-20-070	NEW-P	92-16-097
326-20-180	AMD-P	92-07-103	332-22-105	AMD-W	92-12-075	352-20-070	NEW	92-19-0 <del>9</del> 8
326-20-180	AMD	92-11-007	332-22-160	NEW	92-06-003	352-32-011	AMD	92-04-072
326-20-185	AMD-E	92-07-001	332-22-170	NEW	92-06-003	352-32-030	AMD-P	92-16-097
326-20-185	RESCIND	92-07-102	332-22-180	NEW	92-06-003 92-06-003	352-32-030 352-32-035	AMD AMD-P	92-19-098 92-16-097
326-20-185 326-20-185	AMD-E AMD-P	92-07-102 92-07-103	332-22-190 332-22-200	NEW NEW	92-06-003	352-32-035	AMD-F	92-19-098
326-20-185	AMD-P	92-07-103	332-22-200	NEW	92-06-003	352-32-040	AMD-P	92-16-097
326-20-190	AMD-E	92-07-001	332-22-210	NEW	92-06-003	352-32-040	AMD	92-19-098
326-20-190	RESCIND	92-07-102	332-22-230	NEW	92-06-003	352-32-050	AMD-P	92-16-097
326-20-190	AMD-E	92-07-102	332-22-240	NEW	92-06-003	352-32-050	AMD	92-19-098
326-20-190	AMD-P	92-07-103	332-24-201	AMD-P	92-11-075	352-32-053	AMD-P	92-16-097
326-20-190	AMD	92-11-007	332-24-201	AMD	92-14-096	352-32-053	AMD	92-19-098
326-20-200	REP-E	92-07-001	332-24-205	AMD-P	92-11-075	352-32-056	AMD-P	92-16-097 92-19-098
326-20-200	RESCIND	92-07-102	332-24-205	AMD B	92-14-096	352-32-056	AMD AMD-P	92-19-0 <del>98</del> 92-16-097
326-20-200	REP-E	92-07-102 92-07-103	332-24-211 332-24-211	AMD-P AMD	92-11-075 92-14-096	352-32-060 352-32-060	AMD-P AMD	92-19-098
326-20-200 326-20-200	REP-P REP	92-07-103 92-11-007	332-24-211	REP-P	92-14-096 92-11-075	352-32-000	AMD-P	92-19-098
326-20-200	AMD-E	92-11-007	332-24-215	REP	92-11-075	352-32-070	AMD	92-19-098
326-20-220	RESCIND	92-07-102	332-24-217	NEW-P	92-11-075	352-32-075	AMD-P	92-16-097
326-20-220	AMD-E	92-07-102	332-24-217	NEW	92-14-096	352-32-075	AMD	92-19-098
326-20-220	AMD-P	92-07-103	332-24-221	AMD-P	92-11-075	352-32-080	AMD-P	92-16-097
326-20-220	AMD	92-11-007	332-24-221	AMD	92-14-096	352-32-080	AMD	92-19-098
				[ 33 ]				Table

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
.ca aa aaa	4.) (D. D.	02.16.007	356-10-030	AMD-P	92-16-075	365-80-120	NEW-P	92-09-1
352-32-090 352-32-090	AMD-P AMD	92-16-097 92-19-0 <del>9</del> 8	356-14-220	AMD-P	02-18-058	365-80-120	NEW-E	92-09-1
352-32-090 352-32-100	AMD-P	92-19-098	356-15-030	AMD-P	92-18-058	365-80-120	NEW	92-15-0
352-32-100	AMD	92-19-098	356-15-033	NEW-P	92-18-058	365-80-130	NEW-P	92-09-1
352-32-110	AMD-P	92-16-097	356-15-050	AMD-P	92-18-058	365-80-130	NEW-E	92-09-1
352-32-110	AMD	92-19-098	356-15-060	AMD-P	92-06-090	365-80-130	NEW	92-15-0
352-32-155	AMD-P	92-16-097	356-15-060	AMD-C	92-10-012	365-80-140	NEW-P	92-09-1
352-32-155	AMD	92-19-098	356-15-060	AMD-C	92-12-029	365-80-140	NEW-E	92-09-1
52-32-157	AMD-P	92-16-097	356-15-060	AMD	92-14-063	365-80-140	NEW D	92-15-0
52-32-157	AMD	92-19-098	356-15-063	AMD-P	92-08-092	365-80-150	NEW-P NEW-E	92-09-1 92-09-1
52-32-195	AMD-P	92-16-097	356-15-063	AMD-C AMD	92-12-031 92-14-064	365-80-150 365-80-150	NEW-E	92-09-1
52-32-195	AMD D	92-19-098	356-15-063 356-15-080	AMD-P	92-14-004	365-80-160	NEW-P	92-13-0
52-32-220 52-32-220	AMD-P AMD	92-16-097 92-19-098	356-15-100	AMD-P	92-18-058	365-80-160	NEW-E	92-09-1
52-32-220	AMD-P	92-19-098	356-15-125	AMD-P	92-16-073	365-80-160	NEW	92-15-0
52-32-230	AMD	92-19-098	356-15-130	AMD-P	92-18-060	365-80-170	NEW-P	92-09-1
52-32-235	AMD-P	92-12-080	356-18-060	AMD	92-03-098	365-80-170	NEW-E	92-09-1
52-32-235	AMD	92-15-118	356-18-116	AMD	92-03-101	365-80-170	NEW	92-15-0
352-32-235	-AMD-P	92-16-097	356-18-220	AMD-P	92-08-091	365-80-180	NEW-P	92-09-1
52-32-235	AMD	92-19-098	356-18-220	AMD	92-12-033	365-80-180	NEW-E	92-09-1
52-32-250	AMD-P	92-07-083	356-22-035	NEW-P	92-10-066	365-80-180	NEW	92-15-0
52-32-250	AMD	92-10-018	356-22-035	NEW	92-14-066	365-80-190	NEW-P	92-09-
52-32-25002	AMD	92-05-002	356-22-036	NEW-P	92-10-066	365-80-190	NEW-E	92-09-
352-32-255	AMD-P	92-16-097	356-22-036	NEW	92-14-066	365-80-190 365-80-200	NEW NEW-P	92-15-0 92-09-
52-32-255	AMD	92-19-098	356-30-240	AMD-P AMD-P	92-14-065 92-16-076	365-80-200	NEW-P	92-09-
352-32-260	AMD-P	92-12-012 92-15-119	356-30-240 356-30-330	AMD-P	92-16-070	365-80-200	NEW-L	92-15-
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352-32-265	AMD-P	92-09-160	356-34-020	AMD-P	92-16-074	365-180-090	AMD	92-03-0
352-32-265	AMD-W	92-11-081	356-34-022	NEW-P	92-16-074	365-195-010	NEW-P	92-18-0
352-32-265	AMD-P	92-16-097	356-34-030	AMD-P	92-16-074	365-195-020	NEW-P	92-18-
352-32-265	AMD	92-19-098	356-34-060	AMD-P	92-04-034	365-195-030	NEW-P	92-18-0
352-32-270	AMD-P	92-09-159	356-34-060	AMD	92-08-009	365-195-040	NEW-P	92-18-
352-32-270	AMD-W	92-12-052	356-35-010	AMD-P	92-18-059	365-195-050	NEW-P	92-18-
352-32-270	AMD-P	92-12-081	356-47-040	AMD	92-03-100	365-195-060	NEW-P	92-18-
352-32-270	AMD	92-15-120	356-47-045	AMD-P	92-10-065	365-195-070 365-195-200	NEW-P NEW-P	92-18-4 92-18-4
352-32-295	AMD-P	92-09-158 92-11-025	356-47-045 356-47-060	AMD AMD-P	92-14-067 92-10-065	365-195-210	NEW-P	92-18-
352-32-295 352-32-295	AMD-W AMD-P	92-11-023 92-12-082	356-47-060	AMD-F	92-14-067	365-195-220	NEW-P	92-18-
352-32-295 352-32-295	AMD-F AMD	92-15-121	365-80-010	REP-P	92-09-146	365-195-300	NEW-P	92-18-
352-32-310	NEW-P	92-16-097	365-80-010	REP-E	92-09-147	365-195-305	NEW-P	92-18-
352-32-310	NEW	92-19-098	365-80-010	REP	92-15-047	365-195-310	NEW-P	92-18-
352-37-030	AMD-P	92-16-097	365-80-020	REP-P	92-09-146	365-195-315	NEW-P	92-18-
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352-37-080	AMD-P	92-16-097	365-80-020	REP	92-15-047	365-195-325	NEW-P	92-18-
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352-37-090	AMD-P	92-16-097	365-80-030	REP-E	92-09-147	365-195-335	NEW-P	92-18-
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352-37-100	AMD B	92-19-098	365-80-040 365-80-040	REP-E REP	92-09-147 92-15-047	365-195-410	NEW-P	92-18-
352-37-110 352-37-110	AMD-P AMD	92-16-097 92-19-098	365-80-050	REP-P	92-13-047	365-195-420	NEW-P	92-18-
352-37-110 352-37-130	AMD-P	92-19-098	365-80-050	REP-E	92-09-147	365-195-430	NEW-P	92-18-
352-37-130	AMD	92-19-098	365-80-050	REP	92-15-047	365-195-500	NEW-P	92-18-
352-37-180	REP-P	92-16-097	365-80-060	REP-P	92-09-146	365-195-510	NEW-P	92-18-
352-37-180	REP	92-19-098	365-80-060	REP-E	92-09-147	365-195-520	NEW-P	92-18-
352-37-220	NEW-P	92-16-097	365-80-060	REP	92-15-047	365-195-530	NEW-P	92-18-
352-37-220	NEW	92-19-098	365-80-070	REP-P	92-09-146	365-195-540	NEW-P	92-18-
352-40-090	AMD-P	92-07-062	365-80-070	REP-E	92-09-147	365-195-600	NEW-P	92-18-
352-40-090	AMD	92-10-019	365-80-070	REP	92-15-047	365-195-610	NEW-P	92-18-
356-05-048	REP-P	92-16-073	365-80-080	REP-P	92-09-146	365-195-620	NEW-P	92-18-
356-05-160	REP-P	92-18-058	365-80-080	REP-E	92-09-147	365-195-630	NEW-P	92-18-
356-05-214	NEW	92-03-099	365-80-080	REP	92-15-047	365-195-640	NEW-P	92-18-
356-05-275	REP-P	92-16-073	365-80-090	REP-P	92-09-146	365-195-700	NEW-P	92-18-
356-05-355	AMD-P	92-04-034	365-80-090	REP-E	92-09-147	365-195-710	NEW-P NEW-P	92-18-
356-05-355 356-05-370	AMD B	92-08-009	365-80-090	REP NEW-P	92-15-047 92-09-146	365-195-720 365-195-800	NEW-P	92-18- 92-18-
356-05-370 356-06-055	AMD-P AMD-P	92-16-073 92-06-089	365-80-100 365-80-100	NEW-P NEW-E	92-09-146 92-09-147	365-195-800	NEW-P	92-18- 92-18-
356-06-055	AMD-P AMD-C	92-06-089 92-10-011	365-80-100	NEW-E	92-09-147 92-15-047	365-195-820	NEW-P	92-18-
356-06-055	AMD-C	92-10-011	365-80-110	NEW-P	92-13-047	365-195-830	NEW-P	92-18-
							NEW-P	92-18-
356-06-055	AMD	92-14-068	365-80-110	NEW-E	92-09-147	365-195-840	1477 44 -1	72-10.

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365-200-020	NEW	92-06-005	388-14-020	AMD-P	92-08-001	388-28-439	AMD-P	92-13-031
365-200-030 365-200-040	NEW NEW	92-06-005 92-06-005	388-14-020 388-14-200	AMD AMD-P	92-13-026 92-08-001	388-28-439	AMD-E	92-13-033
365-200-050	NEW	92-06-005	388-14-200	AMD-F	92-08-001	388-28-439 388-28-440	AMD AMD-P	92-16-014 92-13-031
365-200-060	NEW	92-06-005	388-14-203	NEW-P	92-08-001	388-28-440	AMD-E	92-13-031
365-200-070	NEW	92-06-005	388-14-203	NEW	92-13-026	388-28-440	AMD	92-16-014
374-50-010	NEW-P	92-06-060	388-14-205	AMD-P	92-08-001	388-28-450	AMD-P	92-13-031
374-50-010 374-50-020	NEW D	92-09-091 92-06-060	388-14-205	AMD	92-13-026	388-28-450	AMD-E	92-13-033
374-50-020 374-50-020	NEW-P NEW	92-09-091	388-14-270 388-14-270	AMD-P AMD	92-08-001 92-13-026	388-28-450 388-28-473	AMD AMD-P	92-16-014
374-50-020	NEW-P	92-06-060	388-14-273	NEW-P	92-08-001	388-28-473	AMD-P	92-13-031 92-13-033
374-50-030	NEW	92-09-091	388-14-273	NEW	92-13-026	388-28-473	AMD	92-16-014
374-50-040	NEW-P	92-06-060	388-14-275	AMD-P	92-08-001	388-28-474	AMD-P	92-13-031
374-50-040	NEW B	92-09-091	388-14-275	AMD	92-13-026	388-28-474	AMD-E	92-13-033
374-50-050 374-50-050	NEW-P NEW	92-06-060 92-09-091	388-14-300 388-14-300	AMD-P AMD	92-08-001 92-13-026	388-28-474 388-28-475	AMD	92-16-014
374-50-060	NEW-P	92-06-060	388-14-310	AMD-P	92-08-001	388-28-475	AMD-P AMD-E	92-13-031 92-13-033
374-50-060	NEW	92-09-091	388-14-310	AMD	92-13-026	388-28-475	AMD	92-16-014
374-50-070	NEW-P	92-06-060	388-14-415	AMD-P	92-08-001	388-28-481	AMD-P	92-13-031
374-50-070	NEW	92-09-091	388-14-415	AMD	92-13-026	388-28-481	AMD-E	92-13-033
374-50-080 374-50-080	NEW-P NEW	92-06-060 92-09-091	388-14-425 388-14-425	AMD-P AMD	92-08-001 92-13-026	388-28-481 388-28-482	AMD	92-16-014
374-50-090	NEW-P	92-06-060	388-14-460	NEW-P	92-13-026	388-28-482	AMD-P AMD-E	92-13-031 92-13-033
374-50-090	NEW	92-09-091	388-14-460	NEW	92-13-026	388-28-482	AMD	92-16-014
383-07-020	AMD-P	92-04-077	388-14-470	NEW-P	92-08-001	388-28-483	AMD-P	92-15-131
383-07-020	AMD	92-09-048	388-14-470	NEW-W	92-13-025	388-28-483	AMD-E	92-15-132
383-07-030 383-07-030	AMD-P AMD	92-04-077 92-09-048	388-14-480 388-14-480	NEW-P NEW	92-08-001 92-13-026	388-28-483	AMD	92-18-038
383-07-040	AMD-P	92-04-077	388-14-490	NEW-P	92-13-026	388-28-484 388-28-484	AMD-P AMD-E	92-13-031 92-13-033
383-07-040	AMD	92-09-048	388-14-490	NEW	92-13-026	388-28-484	AMD-E	92-16-014
383-07-045	AMD-P	92-04-077	388-15-170	AMD-E	92-08-029	388-28-500	AMD-P	92-16-028
383-07-045	AMD	92-09-048	388-15-170	AMD-P	92-08-030	388-28-500	AMD	92-19-043
383-07-050	AMD-P AMD	92-04-077 92-09-048	388-15-170	AMD	92-11-062	388-28-535	AMD	92-03-090
383-07-050 383-07-060	AMD-P	92-09-048 92-04-077	388-15-610 388-15-615	AMD-P NEW-P	92-17-036 92-15-130	388-28-570 388-28-570	AMD-P AMD-E	92-04-013 92-04-014
383-07-060	AMD	92-09-048	388-15-615	NEW-E	92-15-142	388-28-570	AMD-L AMD	92-08-033
383-07-070	AMD-P	92-04-077	388-15-615	RESCIND	92-16-103	388-28-575	AMD-P	92-05-005
383-07-070	AMD	92-09-048	388-15-615	NEW	92-18-041	388-28-575	AMD-E	92-05-008
383-07-080	AMD-P AMD	92-04-077 92-09-048	388-22-030	AMD-P	92-07-051	388-28-575	AMD	92-09-029
383-07-080 383-07-090	AMD-P	92-04-077	388-22-030 388-24-044	AMD AMD-P	92-10-050 92-15-143	388-28-590 388-28-590	AMD-P AMD-E	92-13-031 92-13-033
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383-07-100	AMD-P	92-04-077	388-24-044	AMD	92-18-039	388-29-001	AMD-P	92-07-050
383-07-100	AMD	92-09-048	388-24-074	AMD-C	92-04-024	388-29-001	AMD	92-10-048
383-07-115 383-07-115	NEW-P NEW	92-04-077 92-09-048	388-24-074 388-24-074	AMD B	92-08-041	388-29-001 388-29-001	AMD-P	92-17-031
383-07-120	AMD-P	92-04-077	388-24-074	AMD-P AMD	92-10-034 92-14-031	388-29-005	AMD-E REP-P	92-17-033 92-11-002
383-07-120	AMD	92-09-048	388-24-125	AMD-P	92-08-005	388-29-005	REP-C	92-14-050
383-07-130	AMD-P	92-04-077	388-24-125	AMD-E	92-08-006	388-29-005	REP-C	92-15-059
383-07-130	AMD	92-09-048	388-24-125	AMD	92-11-056	388-29-005	REP-W	92-17-012
388-11 388-11-015	AMD-C AMD-P	92-04-021 92-08-001	388-24-250 388-24-250	AMD-P AMD	92-03-113 92-09-021	388-29-100 388-29-100	AMD-P AMD-E	92-17-031 92-17-033
388-11-015	AMD-P	92-08-001	388-24-250	AMD-P	92-09-021 92-15-074	388-29-100	AMD-E AMD-P	92-17-033 92-05-035
388-11-032	NEW-P	92-08-001	388-24-250	AMD	92-18-040	388-29-270	AMD	92-09-033
388-11-032	NEW	92-13-026	388-24-252	NEW-P	92-03-114	388-29-295	AMD-P	92-15-027
388-11-040	AMD-P	92-08-001	388-24-252	NEW	92-09-022	388-29-295	AMD-E	92-15-029
388-11-040 388-11-043	AMD NEW-P	92-13-026 92-08-001	388-24-253 388-24-253	AMD-P AMD	92-03-115 92-09-023	388-29-295 388-33-015	AMD B	92-18-027
388-11-043	NEW-W	92-13-025	388-24-254	AMD-P	92-09-023	388-33-015	AMD-P AMD	92-07-049 92-10-047
388-11-048	NEW-P	92-08-001	388-24-254	AMD	92-09-024	388-33-377	REP-P	92-11-002
388-11-048	NEW	92-13-026	388-24-255	AMD-P	92-03-117	388-33-377	REP-C	92-14-050
388-11-055	AMD	92-08-034	388-24-255	AMD	92-09-025	388-33-377	REP-C	92-15-059
388-11-060	AMD-P	92-08-001	388-24-265	AMD-P	92-03-118	388-33-377	REP-W	92-17-012
388-11-060 388-11-065	AMD AMD-P	92-13-026 92-08-001	388-24-265 388-28-430	AMD REP-P	92-09-026 92-13-031	388-33-379 388-33-379	NEW-P NEW-C	92-11-002 92-14-050
388-11-065	AMD	92-13-026	388-28-430	REP-E	92-13-031	388-33-379	NEW-C	92-14-050
388-11-140	AMD	92-08-034	388-28-430	REP	92-16-014	388-33-379	NEW-W	92-17-012
388-11-155	AMD-P	92-08-001	388-28-435	AMD-P	92-13-031	388-33-389	AMD-P	92-11-002
388-11-155	AMD	92-13-026	388-28-435	AMD-E	92-13-033	388-33-389	AMD-C	92-14-050
388-11-195 388-11-200	REP .	92-08-034 92-08-034	388-28-435 388-28-438	AMD AMD-P	92-16-014 92-13-031	388-33-389 388-33-389	AMD-C AMD-W	92-15-059 92-17-012
388-11-205	AMD	92-08-034	388-28-438	AMD-E	92-13-033	388-33-460	AMD-W AMD	92-03-089
388-11-210	AMD	92-08-034	388-28-438	AMD	92-16-014	388-33-480	REP	92-03-085
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WAC#		W3K #			W 3V #			WSK#
88-37-031	REP-P	92-07-048	388-49-500	AMD-P	92-05-043	388-73-034	AMD	92-08-056
88-37-031	REP	92-10-049	388-49-500	AMD-E	92-05-045	388-73-036	AMD	92-08-056
88-37-038	AMD-P	92-02-102	388-49-500	AMD	92-09-031	388-73-038	AMD	92-08-056
88-37-038	AMD-C	92-04-023	388-49-500	AMD-P	92-19-078	388-73-042	AMD	92-08-056
88-37-038	AMD	92-08-036	388-49-505	AMD-P	92-19-078	388-73-052	AMD	92-08-050
88-37-039	NEW-P	92-07-048	388-49-510	AMD-P	92-19-078	388-73-054	AMD	92-08-050
38-37-039	NEW	92-10-049	388-49-520	AMD	92-03-086	388-73-056	AMD	92-08-056
88-37-135	AMD	92-03-047	388-49-520	AMD-P	92-13-051	388-73-057	AMD	92-08-050
38-37-300	NEW-P	92-14-094	388-49-520	AMD	92-16-018	388-73-060	AMD	92-08-050
88-37-300	NEW-E	92-14-095	388-49-530	AMD-P	92-13-052	388-73-060	AMD-P	92-12-009
88-37-300	NEW	92-17-006	388-49-530	AMD	92-16-017	388-73-060	AMD	92-15-043
88-37-310	NEW-P	92-14-094	388-49-560	AMD-P	92-12-041	388-73-062	AMD	92-08-05
88-37-310	NEW-E	92-14-095	388-49-560	AMD	92-15-039	388-73-064	AMD	92-08-050
88-37-310	NEW	92-17-006	388-49-580	AMD-C	92-04-020	388-73-069	AMD-P	92-12-009
88-37-320	NEW-P	92-14-094	388-49-580	AMD	92-08-035	388-73-069	AMD	92-15-04
88-37-320	NEW-E	92-14-095	388-49-590	AMD-P	92-09-066	388-73-070	AMD	92-08-05
88-37-320	NEW	92-17-006	388-49-590	AMD	92-12-042	388-73-077	AMD	92-08-05
88-37-330	NEW-P	92-14-094	388-49-590	AMD-P	92-19-119	388-73-078	AMD	92-08-05
88-37-330	NEW-E	92-14-095	388-49-590	AMD-E	92-19-122	388-73-080	AMD	92-08-05
88-37-330	NEW	92-17-006	388-49-630	AMD-P	92-13-053	388-73-100	AMD	92-08-05
88-37-340	NEW-P	92-14-094	388-49-630	AMD	92-16-016	388-73-102	AMD	92-08-05
38-37-340	NEW-E	92-14-095	388-49-640	AMD-P	92-09-037	388-73-102	AMD-P	92-12-00
88-37-340	· NEW	92-17-006	388-49-640	AMD	92-12-043	388-73-102	AMD	92-15-04
88-37-350	NEW-P	92-14-094	388-49-660	AMD-P	92-09-028	388-73-103	AMD	92-08-05
88-37-350	NEW-E	92-14-095	388-49-660	AMD	92-12-044	388-73-104	AMD	92-08-05
88-37-350	NEW	92-17-006	388-49-700	AMD-P	92-09-066	388-73-106	AMD	92-08-05
88-37-360	NEW-P	92-14-094	388-49-700	AMD	92-12-042	388-73-108	AMD	92-08-05
88-37-360	NEW-E	92-14-095	388-51-010	AMD-P	92-04-013	388-73-108	AMD-P	92-12-00
88-37-360	NEW	92-17-006	388-51-010	AMD-E	92-04-014	388-73-108	AMD	92-15-04
88-37-370	NEW-P	92-14-094	388-51-010	AMD	92-08-033	388-73-110	AMD	92-08-05 92-08-05
88-37-370	NEW-E	92-14-095	388-51-100	REP-P	92-04-013	388-73-112	AMD	92-08-05
88-37-370	NEW	92-17-006	388-51-100	REP-E	92-04-014	388-73-116	AMD	92-08-05
88-37-380	NEW-P	92-14-094	388-51-100	REP	92-08-033	388-73-118	AMD D	92-08-03
88-37-380	NEW-E	92-14-095	388-51-110	NEW-P NEW-E	92-04-013 92-04-014	388-73-118 388-73-118	AMD-P AMD	92-12-00
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888-42-020	AMD-P	92-13-041	388-51-110 388-51-115	NEW-P	92-04-013	388-73-126	AMD	92-08-05
88-42-020	AMD-E	92-13-044 92-16-015	388-51-115	NEW-F	92-04-013	388-73-128	AMD	92-08-05
88-42-020	·AMD AMD-P	92-10-013 92-13-041	388-51-115	NEW	92-08-033	388-73-130	AMD	92-08-05
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388-42-025		92-10-013	388-51-120	NEW -E	92-08-033	388-73-136	AMD	92-08-05
388-42-030 388-42-030	AMD-P AMD-E	92-13-041	388-51-123	NEW-P	92-04-013	388-73-138	AMD	92-08-05
88-42-030	AMD-E	92-15-044	388-51-123	NEW-E	92-04-014	388-73-140	AMD	92-08-05
88-42-150	AMD-P	92-10-013	388-51-123	NEW	92-08-033	388-73-142	AMD	92-08-05
88-42-150	AMD-F	92-13-044	388-51-125	NEW-P	92-04-013	388-73-143	AMD	92-08-05
88-42-150	AMD-E	92-15-044	388-51-125	NEW-E	92-04-014	388-73-144	AMD	92-08-05
88-47-070	AMD-P	92-15-028	388-51-125	NEW	92-08-033	388-73-146	AMD	92-08-05
88-47-070	AMD-I	92-18-022	388-51-130	NEW-P	92-04-013	388-73-202	AMD	92-08-05
88-47-115	AMD-P	92-09-081	388-51-130	NEW-E	92-04-014	388-73-208	AMD	92-08-05
88-47-115	AMD	92-12-045	388-51-130	NEW	92-08-033	388-73-210	AMD	92-08-05
88-49-020	AMD-P	92-08-010	388-51-132	NEW-P	92-04-013	388-73-210	AMD-P	92-12-00
88-49-020	AMD-E	92-08-014	388-51-132	NEW-E	92-04-014	388-73-210	AMD	92-15-04
88-49-020	AMD	92-11-059	388-51-132	NEW-W	92-17-004	388-73-212	AMD	92-08-0
88-49-110	AMD-P	92-05-044	388-51-135	NEW-P	92-04-013	388-73-212	AMD-P	92-12-00
88-49-110	AMD-E	92-05-046	388-51-135	NEW-E	92-04-014	388-73-212	AMD	92-15-04
88-49-110	AMD-L AMD	92-09-032	388-51-135	NEW	92-08-033	388-73-213	NEW	92-08-05
88-49-180	AMD-P	92-07-047	388-51-140	NEW-P	92-04-013	388-73-214	AMD	92-08-05
88-49-180	AMD	92-09-116	388-51-140	NEW-E	92-04-014	388-73-216	AMD	92-08-0
88-49-310	AMD-P	92-10-028	388-51-140	NEW	92-08-033	388-73-216	AMD-P	92-12-00
88-49-310	AMD-E	92-10-029	388-73	AMD-C	92-04-035	388-73-216	AMD	92-15-04
88-49-310	AMD-L AMD	92-14-030	388-73	AMD-C	92-06-011	388-73-302	AMD	92-08-0
88-49-330	AMD-P	92-08-012	388-73	AMD	92-15-043	388-73-304	AMD	92-08-05
188-49-330	AMD-P AMD-E	92-08-012	388-73-012	AMD	92-08-056	388-73-306	AMD	92-08-0
388-49-330	AMD	92-11-058	388-73-014	AMD	92-08-056	388-73-308	AMD	92-08-0
		92-06-042	388-73-016	AMD	92-08-056	388-73-310	AMD	92-08-0
388-49-410	AMD-P AMD-E	92-06-042 92-06-045	388-73-018	AMD	92-08-056	388-73-312	AMD	92-08-0
388-49-410		92-06-045 92-09-117	388-73-018	AMD-P	92-08-036	388-73-400	AMD-P	92-08-0
388-49-410	AMD	92-09-117 92-03-119	388-73-01950	AMD-P AMD	92-12-009	388-73-400	AMD-P	92-12-0
188-49-470	AMD B			AMD AMD	92-13-043 92-08-056	388-73-409	AMD	92-13-04
388-49-470	AMD-P	92-08-108	388-73-024 388-73-026	AMD AMD	92-08-056	388-73-414	AMD	92-08-03
388-49-470 388-49-470	AMD-E	92-08-109	388-73-026 388-73-028	AMD AMD	92-08-056	388-73-414	REP-P	92-08-03
488-49-4 /II	AMD	92-11-063	300-/3-020					
388-49-470	AMD-P	92-19-089	l 388-73-030	AMD	92-08-056	l 388-73-420	REP	92-15-04

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388-73-422	REP	92-15-043	388-76-390	AMD-P	92-15-144	388-86-019	AMD	92-03-120
388-73-423 388-73-423	REP-P REP	92-12-009 92-15-043	388-76-405 388-76-410	NEW-P	92-15-144	388-86-021	AMD-W	92-13-001
388-73-424	REP-P	92-13-043	388-76-420	AMD-P AMD-P	92-15-144 92-15-144	388-86-022 388-86-022	AMD-P AMD-E	92-19-014 92-19-015
388-73-424	REP	92-15-043	388-76-430	AMD-P	92-15-144	388-86-047	AMD-P	92-19-013
388-73-426	REP-P	92-12-009	388-76-435	AMD-P	92-15-144	388-86-047	AMD-E	92-10-077
388-73-426	REP	92-15-043	388-76-440	AMD-P	92-15-144	388-86-047	AMD	92-13-030
388-73-428 388-73-428	REP-P REP	92-12-009 92-15-043	388-76-465 388-76-467	AMD-P NEW-P	92-15-144 92-15-144	388-86-059 388-86-059	NEW-P	92-19-121
388-73-450	REP-P	92-12-009	388-76-475	AMD-P	92-15-144	388-86-073	NEW-E AMD-W	92-19-123 92-13-001
388-73-450	REP	92-15-043	388-76-480	AMD-P	92-15-144	388-86-080	AMD-P	92-03-041
388-73-452	REP-P	92-12-009	388-76-490	AMD-P	92-15-144	388-86-080	AMD-E	92-03-043
388-73-452 388-73-454	REP REP-P	92-15-043 92-12-009	388-76-500 388-76-520	AMD-P AMD-P	92-15-144	388-86-080	AMD	92-07-026
388-73-454	REP	92-15-043	388-76-530	AMD-P	92-15-144 92-15-144	388-86-090 388-86-095	AMD-W AMD-E	92-13-001 92-17-043
388-73-458	REP-P	92-12-009	388-77-256	REP	92-04-003	388-86-095	AMD-P	92-17-043
388-73-458	REP	92-15-043	388-80-005	AMD-W	92-04-019	388-86-09601	AMD	92-03-120
388-73-460 388-73-460	REP-P REP	92-12-009 92-15-043	388-80-005 388-80-005	RESCIND AMD-P	92-04-019	388-86-09601	AMD-P	92-14-079
388-73-504	AMD	92-08-056	388-80-005	AMD-P	92-13-054 92-16-043	388-86-09601 388-86-09601	AMD-E AMD	92-14-081 92-17-005
388-73-506	AMD	92-08-056	388-81-017	NEW	92-05-050	388-86-098	AMD-W	92-17-003
388-73-512	AMD	92-08-056	388-81-038	NEW	92-03-084	388-86-100	AMD-W	92-13-001
388-73-602	AMD	92-08-056	388-81-038	AMD-P	92-17-013	388-86-110	AMD-P	92-14-078
388-73-604 388-73-606	AMD AMD	92-08-056 92-08-056	388-81-038 388-81-047	AMD-E AMD-P	92-17-039 92-03-112	388-86-110 388-86-120	AMD AMD-W	92-16-104 92-13 <b>-0</b> 01
388-73-608	REP	92-08-056	388-81-047	AMD-E	92-03-112	388-86-120	AMD-W AMD-P	92-13-001
388-73-610	AMD	92-08-056	388-81-047	AMD	92-07-029	388-87-027	AMD-P	92-14-078
388-73-702	AMD	92-08-056	388-81-050	AMD-P	92-03-042	388-87-027	AMD	92-16-104
388-73-704 388-73-706	AMD AMD	92-08-056 92-08-056	388-81-050 388-81-050	AMD-E AMD	92-03-044 92-07-028	388-87-032	NEW-P	92-08-107
388-73-708	AMD	92-08-056	388-82-115	AMD	92-07-028	388-87-032 388-87-070	NEW AMD-P	92-11-003 92-16-041
388-73-710	AMD	92-08-056	388-82-140	AMD-P	92-08-080	388-87-070	AMD-E	92-16-041
388-73-712	AMD	92-08-056	388-82-140	AMD-E	92-08-081	388-87-070	RESCIND	92-19-045
388-73-714 388-73-716	AMD REP	92-08-056 92-08-056	388-82-140	AMD	92-11-057	388-87-070	AMD-W	92-19-046
388-73-710	AMD	92-08-056	388-82-160 388-82-160	AMD-P AMD-E	92-08-080 92-08-081	388-87-079 388-87-079	NEW-P NEW-E	92-19-121 92-19-123
388-73-722	AMD	92-08-056	388-82-160	AMD	92-11-057	388-87-095	AMD-E	92-19-123
388-73-804	AMD	92-08-056	388-83-010	AMD-P	92-15-007	388-87-095	AMD-P	92-17-044
388-73-815	NEW	92-08-056	388-83-010	AMD-E	92-14-009	388-87-105	AMD-P	92-19-104
388-73-820 388-73-901	AMD NEW	92-08-056 92-08-056	388-83-010 388-83-012	AMD AMD-P	92-18-036 92-08-013	388-88-001 388-88-001	AMD-P AMD	92-03-015 92-08-074
388-73-901	AMD-P	92-12-009	388-83-012	AMD-E	92-08-013	388-88-075	AMD-P	92-08-074
388-73-901	AMD	92-15-043	388-83-012	AMD	92-11-061	388-88-075	AMD	92-08-074
388-73-902	AMD	92-08-056	388-83-013	AMD	92-03-087	388-88-080	AMD-P	92-03-015
388-76-030 388-76-040	AMD-P AMD-P	92-15-144 92-15-144	388-83-013 388-83-013	AMD-P AMD-E	92-15-007 92-14-009	388-88-080 388-88-081	AMD AMD-P	92-08-074
388-76-045	AMD-P	92-15-144	388-83-013	AMD-E	92-14-009	388-88-081	AMD-P	92-03-015 92-08-074
388-76-070	AMD-P	92-15-144	388-83-014	AMD-P	92-15-007	388-88-082	REP-P	92-03-015
388-76-080	AMD-P	92-15-144	388-83-014	AMD-E	92-14-009	388-88-082	AMD	92-08-074
388-76-085 388-76-087	AMD-P AMD-P	92-15-144 92-15-144	388-83-014 388-83-032	AMD AMD-P	92-18-036 92-08-080	388-88-083	REP-P	92-03-015
388-76-090	AMD-P	92-15-144	388-83-032	AMD-F	92-08-081	388-88-083 388-88-084	REP REP-P	92-08-074 92-03-015
388-76-100	AMD-P	92-15-144	388-83-032	AMD	92-11-057	388-88-084	REP	92-08-074
388-76-110	AMD-P	92-15-144	388-83-033	AMD	92-03-083	388-88-095	AMD-P	92-03-015
388-76-130 388-76-155	AMD-P AMD-P	92-15-144 92-15-144	388-83-033 388-83-033	AMD-P	92-08-080	388-88-095	AMD	92-08-074
388-76-160	AMD-P	92-15-144 92-15-144	388-83-033	AMD-E AMD-E	92-08-081 92-09-019	388-88-097 388-88-097	AMD-P AMD	92-03-015 92-08-074
388-76-170	AMD-P	92-15-144	388-83-033	AMD	92-11-057	388-88-098	AMD-P	92-03-015
388-76-180	AMD-P	92-15-144	388-83-036	AMD-P	92-11-054	388-88-098	AMD	92-08-074
388-76-185	AMD-P	92-15-144	388-83-036	AMD-E	92-12-047	388-88-099	AMD-P	92-03-015
388-76-200 388-76-220	AMD-P AMD-P	92-15-144 92-15-144	388-83-036 388-83-041	AMD AMD-P	92-14-052 92-05-006	388-88-099	AMD DED D	92-08-074
388-76-240	AMD-P	92-15-144	388-83-041	AMD-P AMD-E	92-05-006	388-88-100 388-88-100	REP-P REP	92-03-015 92-08-074
388-76-250	AMD-P	92-15-144	388-83-041	AMD	92-09-030	388-88-101	REP-P	92-03-015
388-76-260	AMD-P	92-15-144	388-86-005	AMD	92-03-084	388-88-101	REP	92-08-074
388-76-280 388-76-290	AMD-P AMD-P	92-15-144 92-15-144	388-86-00901 388-86-00901	REP-P	92-10-074	388-88-102	AMD-P	92-03-015
388-76-300	AMD-P	92-15-144 92-15-144	388-86-00901	REP-E REP	92-10-076 92-13-029	388-88-102 388-88-125	AMD NEW-P	92-08-074 92-03-015
388-76-310	AMD-P	92-15-144	388-86-00902	NEW-P	92-10-074	388-88-125	NEW-F	92-03-013
388-76-340	AMD-P	92-15-144	388-86-00902	NEW-E	92-10-076	388-88-130	NEW-P	92-03-015
388-76-350 388-76-360	AMD-P AMD-P	92-15-144 92-15-144	388-86-00902 388-86-011	NEW NEW-P	92-13-029	388-88-130	NEW D	92-08-074
200-10-200	UMD-L	74-1J-1 <del>44</del>	1 100-00-011	HEW-P	92-08-107	l 388-88-135	NEW-P	92-03-015

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WAC#		WSR #	WAC#		WSR #	WAC#		WSR #
200 00 125	NEW	92-08-074	388-100-035	AMD-E	92-14-081	390-18-050	NEW-P	92-19-13
388-88-135 388-88-140	NEW-P	92-03-015	388-100-035	AMD-E	92-17-005	390-24-202	NEW-S	92-05-07
388-88-145	NEW-P	92-03-015	388-151	NEW-C	92-18-064	390-24-202	NEW-E	92-05-08
388-88-145	NEW	92-08-074	388-151-010	NEW-P	92-18-019	390-24-202	NEW	92-08-10
388-92-025	AMD-P	92-11-053	388-151-020	NEW-P	92-18-019	390-28-025	AMD	92-05-08
388-92-025	AMD-E	92-12-046	388-151-040	NEW-P	92-18-019	390-32-020	AMD-P	92-12-08
388-92-025	AMD	92-14-051	388-151-050	NEW-P	92-18-019	390-32-020	AMD	92-18-00
388-92-034	AMD-P	92-08-011	388-151 <b>-</b> 070	NEW-P	92-18-019	392-100	AMD	92-03-13
388-92-034	AMD-E	92-08-016	388-151-080	NEW-P	92-18-019	392-100-100	NEW	92-03-13
388-92-034	AMD	92-11-060	388-151-090	NEW-P	92-18-019	392-100-101	NEW	92-03-13
388-92-041	AMD-E	92-19-102	388-151-100	NEW-P	92-18-019	392-100-101 392-100-102	AMD-P NEW	92-15-12 92-03-13
388-92-041	AMD-P	92-19-103	388-151-110	NEW-P NEW-P	92-18-019 92-18-019	392-100-102	NEW-P	92-03-13
388-92-045 388-92-045	AMD-C AMD	92-04-025 92-08-037	388-151-120 388-151-130	NEW-P	92-18-019	392-105-007	NEW	92-10-01
388-95-320	AMD-P	92-08-037	388-151-150	NEW-P	92-18-019	392-105-013	REP-P	92-06-05
388-95-320	AMD-F AMD-E	92-17-014	388-151-160	NEW-P	92-18-019	392-105-013	REP	92-10-01
388-95-337	AMD-L AMD	92-03-088	388-151-165	NEW-P	92-18-019	392-105-015	AMD-P	92-06-05
388-95-360	AMD-P	92-03-147	388-151-170	NEW-P	92-18-019	392-105-015	AMD	92-10-01
388-95-360	AMD-E	92-03-149	388-151-180	NEW-P	92-18-019	392-105-020	AMD-P	92-06-05
388-95-360	AMD-C	92-07-053	388-151-190	NEW-P	92-18-019	392-105-020	AMD	92-10-01
88-95-360	AMD	92-08-082	388-151-200	NEW-P	92-18-019	392-105-025	AMD-P	92-06-05
388-95-360	AMD-E	92-08-083	388-151-210	NEW-P	92-18-019	392-105-025	AMD	92-10-01
388-95-360	AMD	92-10-046	388-151-220	NEW-P	92-18-019	392-105-030	AMD-P	92-06-05
388-95-400	AMD-P	92-17-014	388-151-230	NEW-P	92-18-019	392-105-030 392-105-035	AMD AMD-P	92-10-01 92-06-05
388-95-440	AMD-E	92-17-016	388-151-240	NEW-P NEW-P	92-18-019 92-18-019	392-105-035	AMD-P	92-10-01
388-96-026	AMD-P	92-13-042 92-13-043	388-151-250 388-151-260	NEW-P	92-18-019	392-105-040	NEW-P	92-06-05
388-96-026 388-96-026	AMD-E AMD	92-13-043 92-16-013	388-151-280	NEW-P	92-18-019	392-105-040	NEW	92-10-01
388-96-032	AMD-P	92-10-013	388-151-290	NEW-P	92-18-019	392-105-045	NEW-P	92-06-05
388-96-032	AMD-E	92-13-043	388-151-310	NEW-P	92-18-019	392-105-045	NEW	92-10-01
388-96-032	AMD-W	92-16-012	388-151-320	NEW-P	92-18-019	392-105-050	NEW-P	92-06-05
388-96-032	RESCIND	92-16-025	388-151-330	NEW-P	92-18-019	392-105-050	NEW	92-10-01
388-96-101	AMD-P	92-13-042	388-151-340	NEW-P	92-18-019	392-105-055	NEW-P	92-06-05
388-96-101	AMD-E	92-13-043	388-151-380	NEW-P	92-18-019	392-105-055	NEW	92-10-01
388-96-101	AMD	92-16-013	388-151-390	NEW-P	92-18-019	392-105-060	NEW-P	92-06-05 92-10-01
388-96-110	AMD-P	92-13-042	388-151-410	NEW-P	92-18-019 92-18-019	392-105-060 392-121-011	NEW NEW-P	92-10-01
388-96-110	AMD-E	92-13-043 92-16-013	388-151-420 388-151-430	NEW-P NEW-P	92-18-019	392-121-011	AMD-P	92-19-13
388-96-110 388-96-113	·AMD AMD-P	92-13-042	388-151-440	NEW-P	92-18-019	392-121-210	AMD-P	92-19-13
388-96-113	AMD-E	92-13-043	388-151-450	NEW-P	92-18-019	392-121-266	NEW-P	92-19-13
388-96-113	AMD	92-16-013	388-151-460	NEW-P	92-18-019	392-121-268	REP-P	92-19-13
388-96-505	AMD-P	92-13-042	388-151-470	NEW-P	92-18-019	392-121-269	REP-P	92-19-13
388-96-505	AMD-E	92-13-043	388-151-480	NEW-P	92-18-019	392-121-270	AMD-P	92-19-13
388-96-505	AMD	92-16-013	388-151-490	NEW-P	92-18-019	392-121-272	AMD-P	92-19-1
388-96-710	AMD-P	92-13-042	388-151-500	NEW-P	92-18-019	392-121-280	AMD-P	92-19-1
388-96-710	AMD-E	92-13-043	388-320-100	AMD-P	92-17-032	392-121-295 392-121-400	AMD-P AMD-P	92-19-11 92-19-11
388-96-710	AMD	92-16-013	388-320-110 388-320-132	REP-W NEW-P	92-09-038 92-17-032	392-121-405	REP-P	92-19-1
388-96-716	AMD-P	92-13-042 92-13-043	388-320-132	REP-W	92-09-038	392-121-403	NEW	92-03-0
388-96-716 388-96-716	AMD-E AMD	92-16-013	388-320-220	AMD-P	92-17-032	392-122-202	NEW	92-03-0
388-96-722	AMD-P	92-13-042	388-330-030	AMD-P	92-02-101	392-122-205	AMD	92-03-0
388-96-722	AMD-E	92-13-043	388-330-030	AMD-E	92-03-148	392-122-206	AMD	92-03-0
388-96-722	AMD	92-16-013	388-330-030	AMD-C	92-04-022	392-122-207	NEW	92-03-0
388-96-745	AMD-P	92-13-042	388-330-030	AMD	92-08-038	392-122-210	AMD	92-03-0
388-96-745	AMD-E	92-13-043	390-05-215	NEW	92-05-081	392-122-211	NEW	92-03-0
388-96-745	AMD	92-16-013	390-05-300	AMD	92-05-080	392-122-212	NEW	92-03-0
388-96-763	AMD-P	92-13-042	390-05-305	AMD	92-05-080	392-122-213	NEW	92-03-0
388-96-763	AMD-E	92-13-043	390-12-040	AMD-W	92-03-005	392-122-214	NEW	92-03-0
388-96-763	AMD	92-16-013	390-16-011	AMD-P	92-12-084	392-122-220	NEW	92-03-0
388-99-020	AMD-P	92-18-020	390-16-011	AMD	92-18-002	392-122-221	NEW	92-03-0 92-03-0
388-99-020	AMD-E	92-18-021	390-16-012	AMD-P	92-12-084	392-122-225	NEW AMD	92-03-0
388-99-030	AMD-P	92-03-111	390-16-012	AMD	92-18-002 92-15-116	392-122-230 392-122-255	AMD	92-03-0
388-99-030	AMD-E	92-03-122	390-16-032	AMD-P AMD	92-13-110	392-122-255	AMD-P	92-05-0
388-99-030 388-99-035	AMD AMD-P	92-07-027 92-19-120	390-16-032 390-16-041	AMD	92-05-080	392-122-255	AMD	92-19-1
388-99-036	NEW-P	92-19-120 92-17-037	390-16-041	AMD-P	92-12-084	392-122-260	AMD	92-03-0
399-99-036	NEW-F	92-17-037	390-16-041	AMD	92-18-002	392-122-265	AMD	92-03-1
388-99-060	AMD-W	92-13-001	390-16-125	AMD	92-05-079	392-122-270	AMD	92-03-0
388-99-060	AMD-P	92-14-079	390-16-125	AMD-P	92-12-084	392-122-275	AMD	92-03-0
388-99-060	AMD-E	92-14-081	390-16-125	AMD	92-18-002	392-122-300	NEW	92-03-1
388-99-060	AMD	92-17-005	390-16-310	AMD	92-05-079	392-122-301	NEW	92-03-1
200 100 025	AMD-W	92-13-001	390-18-040	AMD-P	92-08-104	392-122-302	NEW	92-03-1
388-100-035 388-100-035	AMD-P	92-14-079	390-18-040	AMD	92-12-037	392-122-303	NEW	92-03-13

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200 100 004								
392-122-304 392-122-320	NEW NEW	92-03-138 92-03-138	392-140-438 392-140-439	NEW NEW	92-03-023 92-03-023	392-141-157 392-141-157	NEW-P NEW	92-04-009 92-08-024
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392-122-322 392-122-322	NEW NEW-P	92-03-138 92-15-093	392-140-444 392-140-445	NEW NEW	92-03-023 92-03-023	392-141-160	AMD-P	92-04-009
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392-123-071 392-123-072	AMD AMD	92-03-024 92-03-024	392-140-451	NEW	92-03-023 92-03-023	392-141-170	AMD	92-08-024
392-123-072 392-123-074	AMD	92-03-024	392-140-452 392-140-460	NEW NEW	92-03-023 92-03-023	392-141-175 392-141-175	AMD-P AMD	92-04-009 92-08-024
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392-123-115	AMD	92-03-024	392-140-463	NEW	92-03-023	392-141-185	AMD-P	92-04-009
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392-139-115	AMD-I	92-19-124	392-140-466	NEW	92-03-023	392-141-195	AMD-P AMD	92-04-009 92-08-024
392-139-122	AMD-P	92-15-002	392-140-470	NEW	92-03-023	392-141-200	NEW-P	92-04-009
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392-140-167 392-140-168	REP REP	92-03-023 92-03-023	392-141-135 392-141-135	NEW-P NEW	92-04-009 92-08-024	392-163-215 392-163-220	AMD-P AMD-P	92-10-062 92-10-062
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392-163-310 AMD-P 92-10-062 392-165-322 AMD 92-18-067 434-4 392-163-325 AMD-P 92-10-062 392-165-325 AMD-P 92-11-028 434-1 392-163-325 AMD-P 92-10-062 392-165-327 REP-P 92-11-028 434-1 392-163-400 AMD-P 92-10-062 392-165-327 REP-P 92-11-028 434-1 392-163-400 AMD-P 92-10-062 392-165-327 REP-P 92-11-028 434-1 392-163-401 AMD-P 92-10-062 392-165-327 REP-P 92-11-028 434-1 392-163-410 AMD-P 92-10-062 392-165-330 AMD-P 92-11-028 434-1 392-163-415 AMD-P 92-10-062 392-165-330 AMD-P 92-11-028 434-1 392-163-420 AMD-P 92-10-062 392-165-332 REP-P 92-11-028 434-1 392-163-420 AMD-P 92-10-062 392-165-332 REP-P 92-11-028 434-1 392-163-420 AMD-P 92-10-062 392-165-332 REP-P 92-11-028 434-1 392-163-425 AMD-P 92-10-062 392-165-340 AMD-P 92-11-028 434-1 392-163-445 AMD-P 92-10-062 392-165-340 AMD-P 92-11-028 434-1 392-163-445 AMD-P 92-10-062 392-165-340 AMD-P 92-11-028 434-1 392-163-450 AMD-P 92-10-062 392-165-342 REP-P 92-11-028 434-1 392-163-460 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-1 392-163-460 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-1 392-163-460 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-1 392-163-470 NEW-P 92-10-062 392-165-347 NEW-P 92-11-028 434-1 392-163-480 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-1 392-163-480 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-1 392-163-490 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-1 392-163-505 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-1 392-163-505 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-1 392-163-510 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-1 392-163-510 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-1 392-163-550 NEW-P 92-10-062 392-165-400 NEW-P 92-11-028 434-10-10-10-10-10-10-10-10-10-10-10-10-10-	08-070 N 08-070 N 08-070 N 08-080 N 08-080 N 08-090 N	NEW 9 NEW-P 9	WSR # 92-18-087 92-15-141 92-18-087 92-15-141 92-18-087 92-15-141 92-18-087 92-19-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-10-038 92-10-038
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392-163-320   AMD-P   92-10-062   392-165-327   REP-P   92-11-028   434-432-163-400   AMD-P   92-10-062   392-165-327   REP-P   92-11-028   434-432-163-405   AMD-P   92-10-062   392-165-327   REP-P   92-11-028   434-432-163-405   AMD-P   92-10-062   392-165-330   AMD-P   92-11-028   434-432-163-410   AMD-P   92-10-062   392-165-330   AMD-P   92-11-028   434-432-163-415   AMD-P   92-10-062   392-165-332   REP-P   92-11-028   434-322-163-425   AMD-P   92-10-062   392-165-332   REP-P   92-11-028   434-322-163-425   AMD-P   92-10-062   392-165-340   AMD-P   92-11-028   434-322-163-440   AMD-P   92-10-062   392-165-340   AMD-P   92-11-028   434-322-163-450   AMD-P   92-10-062   392-165-342   REP-P   92-11-028   434-322-163-450   AMD-P   92-10-062   392-165-342   REP-P   92-11-028   434-322-163-450   AMD-P   92-10-062   392-165-342   REP-P   92-11-028   434-322-163-460   AMD-P   92-10-062   392-165-342   REP-P   92-11-028   434-322-163-460   AMD-P   92-10-062   392-165-342   REP-P   92-11-028   434-322-163-460   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-322-163-460   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-322-163-460   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-322-163-475   NEW-P   92-10-062   392-165-347   NEW-P   92-11-028   434-322-163-475   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-322-163-480   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-322-163-480   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-322-163-505   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-322-163-505   NEW-P   92-10-062   392-165-415   NEW-P   92-11-028   434-322-163-505   NEW-P   92-10-062   392-165-425   AMD-P   92-11-028   434-322-163-505   NEW-P   92-10-062   392-165-425   AMD-P   92-11-028   434-322-163-505   NEW-P   92-10-062   392-165-400   NEW-P   92-11-028   434-322-163-505   NEW-P   92-10-062   392-165-400   NEW-P   92-11-028   434-322-163-545   NEW-P   92-10-062   392-165-500   AMD-P   92-11-028   434-322-163-545   NEW-P   92-10-	08-070 N 08-080 N 08-080 N 08-090 N 08-090 N 08-090 N 28-012 A 28-012 A 28-020 A 28-020 A 28-050 N 28-060 N 30-010 N 30-020 N 30-040 N 30-050 N	NEW 9 NEW-P 9 NEW 9 NEW-P 9 NEW 9 NEW 9 NEW 9 NEW 9 NEW-S 9 NEW 9	92-18-087 92-15-141 92-18-087 92-15-141 92-18-087 92-19-081 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-10-038 92-10-038
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392-163-400   AMD-P   92-10-062   392-165-330   AMD-P   92-11-028   434-4302-163-410   AMD-P   92-10-062   392-165-330   AMD-P   92-11-028   434-4302-163-420   AMD-P   92-10-062   392-165-332   REP-P   92-11-028   434-4302-163-420   AMD-P   92-10-062   392-165-332   REP-P   92-11-028   434-4302-163-420   AMD-P   92-10-062   392-165-340   AMD-P   92-11-028   434-332-163-440   AMD-P   92-10-062   392-165-340   AMD-P   92-11-028   434-332-163-450   AMD-P   92-10-062   392-165-340   AMD-P   92-11-028   434-332-163-450   AMD-P   92-10-062   392-165-342   REP-P   92-11-028   434-332-163-465   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-332-163-465   AMD-P   92-10-062   392-165-347   NEW-P   92-11-028   434-332-163-480   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-332-163-480   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-332-163-485   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-332-163-485   NEW-P   92-10-062   392-165-362   NEW-P   92-11-028   434-332-163-490   NEW-P   92-10-062   392-165-362   NEW-P   92-11-028   434-332-163-360   NEW-P   92-10-062   392-165-362   NEW-P   92-11-028   434-332-163-505   NEW-P   92-10-062   392-165-415   NEW-P   92-11-028   434-332-163-505   NEW-P   92-10-062   392-165-425   NEW-P   92-11-028   434-332-163-505   NEW-P   92-10-062   392-165-420   NEW-P   92-11-028   434-332-163-550   NEW-P   92-10-062   392-165-425   AMD-P   92-11-028   434-332-163-550   NEW-P   92-10-062   392-165-400   NEW-P   92-11-028   434-332-163-550   NEW-P   92-10-062   392-165-400   NEW-P   92-11-028   434-332-163-550   NEW-P   92-10-062   392-165-500   AMD-P   92-11-028   434-332-163-550   NEW-P   92-10-062   392-165-500   AMD-P   92-11-028   434-332-163-550   NEW-P   92	08-080 N 08-090 N 08-090 N 08-090 N 28-012 A 28-012 A 28-020 A 28-050 N 28-050 N 28-060 N 30-010 N 30-020 N 30-030 N 30-040 N 30-050 N	NEW 9 NEW-P 9 NEW 9 NEW 9 NEW 9 NEW 9 NEW-S 9 NEW-S 9 NEW 9 NEW-S 9 NEW	92-15-141 92-18-087 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-10-038 92-10-038
392-163-405 AMD-P 92-10-062 392-165-330 AMD-P 92-11-028 434-392-163-415 AMD-P 92-10-062 392-165-332 REP-P 92-11-028 434-392-163-420 AMD-P 92-10-062 392-165-332 REP-P 92-11-028 434-392-163-426 AMD-P 92-10-062 392-165-340 AMD-P 92-11-028 434-392-163-440 AMD-P 92-10-062 392-165-340 AMD-P 92-18-067 434-392-163-450 AMD-P 92-10-062 392-165-342 REP-P 92-11-028 434-392-163-450 AMD-P 92-10-062 392-165-342 REP-P 92-11-028 434-392-163-450 AMD-P 92-10-062 392-165-342 REP-P 92-11-028 434-392-163-450 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-392-163-465 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-392-163-465 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-392-163-465 AMD-P 92-10-062 392-165-347 NEW-P 92-11-028 434-392-163-465 AMD-P 92-10-062 392-165-347 NEW-P 92-11-028 434-392-163-480 NEW-P 92-10-062 392-165-347 NEW-P 92-11-028 434-392-163-480 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-392-163-480 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-392-163-480 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-392-163-490 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-392-163-390 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-392-163-500 AMD-P 92-10-062 392-165-360 NEW-P 92-11-028 434-392-163-500 AMD-P 92-10-062 392-165-360 NEW-P 92-11-028 434-392-163-500 AMD-P 92-10-062 392-165-360 NEW-P 92-11-028 434-392-163-500 NEW-P 92-10-062 392-165-400 NEW-P 92-11-028 434-392-163-500 NEW-P 92-10-062 392-165-500 NEW-P 92-11-028 434-392-163-500 NEW-P 92-10-062 392-165-500 NEW-P 92-11-028 434-392-163-500 NEW-P 92-10-062 392-165-500 NEW-P 92-11-028 434-392-163-500 NEW-P 92-10-062 392-175-000 NEW-P 92-10-062 392-175-00	08-090 N 28-012 A 28-012 A 28-012 A 28-020 A 28-050 N 28-050 N 28-060 N 30-010 N 30-020 N 30-030 N 30-040 N 30-050 N 30-070 N	NEW 9 AMD-S 9 AMD 9 AMD-S 9 AMD 9 AMD-S 9 AMD 9 NEW-S 9 NEW	92-18-087 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-10-038 92-10-038 92-10-038
392-163-420 AMD-P 92-10-062 392-165-332 REP-P 92-11-028 434-392-163-425 AMD-P 92-10-062 392-165-332 REP 92-18-067 434-392-163-425 AMD-P 92-10-062 392-165-340 AMD-P 92-11-028 434-392-163-440 AMD-P 92-10-062 392-165-340 AMD-P 92-11-028 434-392-163-450 AMD-P 92-10-062 392-165-342 REP-P 92-11-028 434-392-163-455 AMD-P 92-10-062 392-165-342 REP-P 92-11-028 434-392-163-455 AMD-P 92-10-062 392-165-342 REP-P 92-11-028 434-392-163-460 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-392-163-465 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-392-163-465 AMD-P 92-10-062 392-165-345 AMD-P 92-11-028 434-392-163-465 AMD-P 92-10-062 392-165-347 NEW-P 92-11-028 434-392-163-470 NEW-P 92-10-062 392-165-347 NEW 92-18-067 434-392-163-485 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-392-163-485 NEW-P 92-10-062 392-165-360 AMD-P 92-11-028 434-392-163-490 NEW-P 92-10-062 392-165-360 NEW-P 92-11-028 434-392-163-490 NEW-P 92-10-062 392-165-362 NEW-P 92-11-028 434-392-163-500 AMD-P 92-10-062 392-165-362 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-415 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-525 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-525 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-530 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-400 AMD-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-175-001 NEW-P 92-10-062 392-165-501 NEW-P 92-10-062 392-165-501 NEW-P 92-10-062 392-165-501 NEW-P	28-012	AMD-S S AMD S AMD-S S AMD S AM	92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-10-038 92-10-038 92-10-038
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392-163-445   AMD-P   92-10-062   392-165-340   AMD   92-18-067   434-392-163-450   AMD-P   92-10-062   392-165-342   REP-P   92-11-028   434-392-163-450   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-392-163-450   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-392-163-465   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-392-163-465   AMD-P   92-10-062   392-165-345   AMD-P   92-11-028   434-392-163-465   AMD-P   92-10-062   392-165-347   NEW-P   92-11-028   434-392-163-475   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-392-163-480   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-392-163-480   NEW-P   92-10-062   392-165-360   AMD-P   92-11-028   434-392-163-480   NEW-P   92-10-062   392-165-362   NEW-P   92-11-028   434-392-163-490   NEW-P   92-10-062   392-165-362   NEW-P   92-11-028   434-392-163-500   AMD-P   92-10-062   392-165-415   NEW-P   92-11-028   434-392-163-505   NEW-P   92-10-062   392-165-415   NEW-P   92-11-028   434-392-163-505   NEW-P   92-10-062   392-165-420   NEW-P   92-11-028   434-392-163-510   NEW-P   92-10-062   392-165-420   NEW-P   92-11-028   434-392-163-520   NEW-P   92-10-062   392-165-420   NEW-P   92-11-028   434-392-163-520   NEW-P   92-10-062   392-165-425   AMD-P   92-11-028   434-392-163-530   NEW-P   92-10-062   392-165-430   AMD-P   92-11-028   434-392-163-530   NEW-P   92-10-062   392-165-430   AMD-P   92-11-028   434-392-163-535   NEW-P   92-10-062   392-165-400   AMD-P   92-11-028   434-392-163-545   NEW-P   92-10-062   392-165-500   AMD-P   92-11-028   434-392-163-550   NEW-P   92-10-062   392-155-500   NEW-P   92-10-062   392-155-500   NEW-P   92-10-062   392-155-500   NEW-P   92-10-063   392-165-500   NEW-P   92-10-062   392-	28-020 A 28-050 N 28-050 N 28-060 N 28-060 N 30-010 N 30-020 N 30-030 N 30-040 N 30-050 N 30-060 N	AMD	92-12-083 92-09-112 92-12-083 92-09-112 92-12-083 92-10-038 92-10-038
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392-163-485 NEW-P 92-10-062 392-165-362 NEW-P 92-11-028 434-392-163-490 NEW-P 92-10-062 392-165-362 NEW 92-18-067 434-392-163-500 AMD-P 92-10-062 392-165-415 NEW-P 92-11-028 434-392-163-505 NEW-P 92-10-062 392-165-415 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-420 NEW 92-18-067 434-392-163-520 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-525 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-525 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-535 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-535 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-545 NEW-P 92-10-062 392-165-400 AMD-P 92-11-028 434-392-163-545 NEW-P 92-10-062 392-165-400 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-556 NEW-P 92-10-062 392-165-500 AMD 92-18-067 434-392-163-556 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-565 NEW-P 92-10-062 392-175-001 NEW-P 92-11-028 434-392-163-570 NEW-P 92-10-062 392-175-001 NEW-P 92-15-071 434-392-163-585 NEW-P 92-10-062 392-175-001 NEW-P 92-15-071 434-392-163-585 NEW-P 92-10-062 392-175-001 NEW-P 92-15-071 434-392-163-585 NEW-P 92-10-062 392-175-010 NEW-P 92-15-071 434-392-163-590 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-020 NEW-P 92-06-053 434-392-163-610	30-050 N 30-060 N 30-070 N	NEW 9	92-10-038
392-163-490 NEW-P 92-10-062 392-165-362 NEW 92-18-067 434-392-163-500 AMD-P 92-10-062 392-165-415 NEW-P 92-11-028 434-392-163-505 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-515 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-520 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-520 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-530 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-535 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-535 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-400 AMD-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD 92-18-067 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD 92-18-067 434-392-163-560 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-560 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-565 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-565 NEW-P 92-10-062 392-175-001 NEW 92-18-067 434-392-163-560 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NE	30-060 N 30-070 N	ALIAN :	92-10-038
392-163-495   NEW-P   92-10-062   392-165-415   NEW-P   92-11-028   434-392-163-500   AMD-P   92-10-062   392-165-420   NEW-P   92-11-028   434-392-163-510   NEW-P   92-10-062   392-165-420   NEW-P   92-11-028   434-392-163-515   NEW-P   92-10-062   392-165-420   NEW-P   92-11-028   434-392-163-515   NEW-P   92-10-062   392-165-420   NEW-P   92-11-028   434-392-163-520   NEW-P   92-10-062   392-165-425   AMD-P   92-11-028   434-392-163-520   NEW-P   92-10-062   392-165-425   AMD-P   92-11-028   434-392-163-535   NEW-P   92-10-062   392-165-430   AMD-P   92-11-028   434-392-163-535   NEW-P   92-10-062   392-165-430   AMD-P   92-11-028   434-392-163-545   NEW-P   92-10-062   392-165-460   AMD-P   92-11-028   434-392-163-555   NEW-P   92-10-062   392-165-500   AMD-P   92-11-028   434-392-163-555   NEW-P   92-10-062   392-165-500   AMD-P   92-11-028   434-392-163-555   NEW-P   92-10-062   392-165-510   NEW-P   92-11-028   434-392-163-560   NEW-P   92-10-062   392-165-510   NEW-P   92-11-028   434-392-163-560   NEW-P   92-10-062   392-165-510   NEW-P   92-11-028   434-392-163-565   NEW-P   92-10-062   392-165-510   NEW-P   92-10-083   392-163-570   NEW-P   92-10-062   392-175-001   NEW-P   92-06-053   434-392-163-580   NEW-P   92-10-062   392-175-001   NEW-P   92-06-053   434-392-163-580   NEW-P   92-10-062   392-175-005   NEW-P   92-06-053   434-392-163-580   NEW-P   92-10-062   392-175-010   NEW-P   92-06-053   434-392-163-590   NEW-P   92-10-062   392-175-010   NEW-P   92-06-053   434-392-163-600   NEW-P   92-10-062   392-175-010   NEW-P   92-06-053   434-392-163-600   NEW-P   92-10-062   392-175-010   NEW-P   92-06-053   434-392-163-610   NEW-P   92-10-062	30-070 N	NEW 9	92-10-038
392-163-500 AMD-P 92-10-062 392-165-415 NEW 92-18-067 434-392-163-505 NEW-P 92-10-062 392-165-420 NEW-P 92-11-028 434-392-163-510 NEW-P 92-10-062 392-165-420 NEW 92-18-067 434-392-163-520 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-525 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-525 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-530 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-535 NEW-P 92-10-062 392-165-400 AMD-P 92-11-028 434-392-163-545 NEW-P 92-10-062 392-165-400 AMD-P 92-11-028 434-392-163-545 NEW-P 92-10-062 392-165-400 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-556 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-155-510 NEW-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-155-510 NEW-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-155-510 NEW-P 92-10-083 434-392-163-550 NEW-P 92-10-062 392-175-001 NEW-P 92-15-071 434-392-163-580 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-020 NEW-P 92-06-053 434-392-163-61	20.000		92-10-038
392-163-505         NEW-P         92-10-062         392-165-420         NEW-P         92-11-028         434-392-163-510         NEW-P         92-10-062         392-165-420         NEW         92-18-067         434-392-163-515         NEW-P         92-10-062         392-165-425         AMD-P         92-11-028         434-392-163-520         NEW-P         92-10-062         392-165-425         AMD-P         92-18-067         434-392-163-525         NEW-P         92-10-062         392-165-425         AMD-P         92-11-028         434-392-163-525         NEW-P         92-10-062         392-165-430         AMD-P         92-11-028         434-392-163-530         NEW-P         92-10-062         392-165-430         AMD-P         92-11-028         434-392-163-535         NEW-P         92-10-062         392-165-430         AMD-P         92-11-028         434-392-163-545         AMD-P         92-11-028         434-392-163-545         AMD-P         92-11-028         434-392-163-545         AMD-P         92-11-028         434-392-163-550         AMD-P         92-11-028 <td>30-060 r</td> <td>NEW 9</td> <td>92-10-038</td>	30-060 r	NEW 9	92-10-038
392-163-510 NEW-P 92-10-062 392-165-420 NEW 92-18-067 434-392-163-515 NEW-P 92-10-062 392-165-425 AMD-P 92-11-028 434-392-163-525 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-530 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-535 NEW-P 92-10-062 392-165-430 AMD-P 92-11-028 434-392-163-535 NEW-P 92-10-062 392-165-460 AMD-P 92-11-028 434-392-163-540 NEW-P 92-10-062 392-165-460 AMD-P 92-11-028 434-392-163-545 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-500 AMD 92-18-067 434-392-163-550 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-560 NEW-P 92-10-062 392-165-510 NEW-P 92-18-067 434-392-163-560 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-570 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-005 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-020 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-020 NEW-P 92-06-053 434-392-163-615 NEW-P 92-10-062 392-175-020 NEW-P 92-06-053 434-392-163-615 NEW-P 92-10-062 392-175-020 NEW-P 92-06-053 434-392-163-61	30-090 N	NEW 9	92-10-038
392-163-515         NEW-P         92-10-062         392-165-425         AMD-P         92-11-028         434-392-163-520           392-163-525         NEW-P         92-10-062         392-165-425         AMD         92-18-067         434-392-163-530           392-163-530         NEW-P         92-10-062         392-165-430         AMD-P         92-11-028         434-392-163-535           392-163-535         NEW-P         92-10-062         392-165-460         AMD-P         92-11-028         434-392-163-540           392-163-540         NEW-P         92-10-062         392-165-460         AMD-P         92-11-028         434-392-163-545           392-163-545         NEW-P         92-10-062         392-165-500         AMD-P         92-11-028         434-392-163-550           392-163-550         NEW-P         92-10-062         392-165-500         AMD-P         92-11-028         434-392-163-550           392-163-550         NEW-P         92-10-062         392-165-500         AMD P         92-11-028         434-392-163-550           392-163-550         NEW-P         92-10-062         392-165-500         AMD P         92-11-028         434-392-163-500           392-163-560         NEW-P         92-10-062         392-175-001         NEW-P         92-1	30-100 N		92-10-038
392-163-525         NEW-P         92-10-062         392-165-430         AMD-P         92-11-028         434-392-163-530         NEW-P         92-10-062         392-165-430         AMD         92-18-067         434-392-163-535         NEW-P         92-10-062         392-165-460         AMD-P         92-11-028         434-392-163-540         AMD-P         92-11-028         434-392-163-540         AMD-P         92-11-028         434-392-163-540         AMD-P         92-11-028         434-392-163-540         AMD-P         92-11-028         434-392-163-550         AMD-P	30-110 N		92-10-038
392-163-530         NEW-P         92-10-062         392-165-430         AMD         92-18-067         434-392-163-535         NEW-P         92-10-062         392-165-460         AMD-P         92-11-028         434-392-163-540         AMD-P         92-11-028         434-392-163-540         AMD-P         92-11-028         434-392-163-540         AMD-P         92-11-028         434-392-163-550         AMD-P         92-11-028         434-392-163-550         AMD-P         92-11-028         434-392-163-550         AMD-P         92-11-028         434-392-163-550         AMD         92-18-067         434-392-163-555         AMD-P         92-11-028         434-392-163-550         AMD         92-18-067         434-392-163-550         AMD         92-18-067         434-392-163-560         AMD-P         92-11-028         434-342-342-342-342-342-342-342-342-342-	30-120 N		92-10-038
392-163-535         NEW-P         92-10-062         392-165-460         AMD-P         92-11-028         434-392-163-540         NEW-P         92-10-062         392-165-460         AMD         92-18-067         434-392-163-545         NEW-P         92-10-062         392-165-500         AMD-P         92-11-028         434-392-163-550         AMD-P         92-11-028         434-392-163-560         AMD-P         92-11-028         434-342-342-342-342-342-342-342-342-342-	30-130 P		92-10-038 92-10-038
392-163-540 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-550 NEW-P 92-10-062 392-165-500 AMD-P 92-11-028 434-392-163-555 NEW-P 92-10-062 392-165-500 AMD 92-18-067 434-392-163-555 NEW-P 92-10-062 392-165-510 NEW-P 92-11-028 434-392-163-560 NEW-P 92-10-062 392-165-510 NEW-P 92-18-067 434-392-163-565 NEW-P 92-10-062 392-175-001 NEW-P 92-06-053 434-392-163-570 NEW-P 92-10-062 392-175-001 NEW 92-15-071 434-392-163-580 NEW-P 92-10-062 392-175-005 NEW-P 92-06-053 434-392-163-580 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-590 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-015 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-015 NEW-P 92-06-053 434-392-163-600 NEW-P 92-10-062 392-175-010 NEW-P 92-06-053 434-392-163-610 NEW-P 92-10-062 392-175-020 NEW-P 92-06-053 434-392-163-61	30-140 I		92-10-038
392-163-545         NEW-P         92-10-062         392-165-500         AMD-P         92-11-028         434-392-163-550         NEW-P         92-10-062         392-165-500         AMD         92-18-067         434-392-163-555         434-392-163-555         NEW-P         92-10-062         392-165-510         NEW-P         92-11-028         434-392-163-560         434-392-163-560         NEW-P         92-10-062         392-165-510         NEW-P         92-18-067         434-392-163-565         434-392-163-565         NEW-P         92-10-062         392-175-001         NEW-P         92-06-053         434-392-163-570         434-392-163-570         NEW-P         92-10-062         392-175-001         NEW-P         92-15-071         434-392-163-580         NEW-P         92-10-062         392-175-005         NEW-P         92-06-053         434-392-163-580         NEW-P         92-10-062         392-175-005         NEW-P         92-06-053         434-392-163-590         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-590         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-600         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-600         NEW-P         92-10-062         392-175-015         NEW	30-160 N		92-10-038
392-163-550         NEW-P         92-10-062         392-165-500         AMD         92-18-067         434-           392-163-555         NEW-P         92-10-062         392-165-510         NEW-P         92-11-028         434-           392-163-560         NEW-P         92-10-062         392-165-510         NEW         92-18-067         434-           392-163-565         NEW-P         92-10-062         392-175-001         NEW-P         92-06-053         434-           392-163-570         NEW-P         92-10-062         392-175-001         NEW         92-15-071         434-           392-163-575         NEW-P         92-10-062         392-175-005         NEW-P         92-06-053         434-           392-163-580         NEW-P         92-10-062         392-175-010         NEW-P         92-15-071         434-           392-163-590         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-           392-163-595         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-           392-163-600         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-           392-163-601         NEW-P	30-170 N		92-10-038
392-163-555         NEW-P         92-10-062         392-165-510         NEW-P         92-11-028         434-392-163-560         434-392-163-560         434-392-163-565         NEW-P         92-10-062         392-165-510         NEW         92-18-067         434-34-392-163-565         434-392-163-565         434-392-163-565         NEW-P         92-10-062         392-175-001         NEW-P         92-06-053         434-34-392-163-570         434-392-163-570         NEW-P         92-10-062         392-175-005         NEW-P         92-15-071         434-392-163-580         434-392-163-580         NEW-P         92-10-062         392-175-005         NEW-P         92-10-071         434-392-163-585         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-590         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-600         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-600         434-392-163-600         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-610         434-392-163-610         434-392-163-610         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-392-163-615         434-392-163-615         434-392-163-615         NEW-P </td <td>30-180 N</td> <td>NEW 9</td> <td>92-10-038</td>	30-180 N	NEW 9	92-10-038
392-163-565         NEW-P         92-10-062         392-175-001         NEW-P         92-06-053         434-392-163-570         NEW-P         92-10-062         392-175-001         NEW-P         92-15-071         434-392-163-575         NEW-P         92-10-062         392-175-005         NEW-P         92-06-053         434-392-163-580         NEW-P         92-10-062         392-175-005         NEW-P         92-15-071         434-392-163-585         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-590         NEW-P         92-10-062         392-175-010         NEW-P         92-15-071         434-392-163-690         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-600         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-600         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-610         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-392-163-610         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-392-163-615         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-392-163-615         NEW-P         92-10-062	30-190 N		92-10-038
392-163-570         NEW-P         92-10-062         392-175-001         NEW         92-15-071         434-           392-163-575         NEW-P         92-10-062         392-175-005         NEW-P         92-06-053         434-           392-163-580         NEW-P         92-10-062         392-175-005         NEW         92-15-071         434-           392-163-585         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-           392-163-590         NEW-P         92-10-062         392-175-010         NEW         92-15-071         434-           392-163-695         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-           392-163-600         NEW-P         92-10-062         392-175-015         NEW         92-15-071         434-           392-163-605         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-           392-163-610         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-           392-163-615         NEW-P         92-10-062         392-175-020         NEW-W         92-19-084         434-           392-163-615         NEW-P	30-200 h		92-10-038
392-163-575         NEW-P         92-10-062         392-175-005         NEW-P         92-06-053         434-392-163-580         434-392-163-580         NEW-P         92-10-062         392-175-005         NEW         92-15-071         434-392-163-585         434-392-163-585         434-392-163-590         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-595         434-392-163-600         434-392-163-605         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-605         434-392-163-615         434-392-163-615         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-615         434-392-163-615         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-392-163-615         434-392-163-615         NEW-P         92-10-062         392-175-020         NEW-W         92-19-084         434-392-163-615         434-392-163-615         NEW-P         92-10-062         392-175-025         NEW-P         92-06-053         434-392-163-615	30-210 N		92-10-038
392-163-580         NEW-P         92-10-062         392-175-005         NEW         92-15-071         434-           392-163-585         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-           392-163-590         NEW-P         92-10-062         392-175-010         NEW         92-15-071         434-           392-163-595         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-           392-163-600         NEW-P         92-10-062         392-175-015         NEW         92-15-071         434-           392-163-605         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-           392-163-610         NEW-P         92-10-062         392-175-020         NEW-W         92-19-084         434-           392-163-615         NEW-P         92-10-062         392-175-025         NEW-P         92-06-053         434-			92-10-038 92-09-112
392-163-585         NEW-P         92-10-062         392-175-010         NEW-P         92-06-053         434-392-163-590         434-392-163-590         NEW-P         92-10-062         392-175-010         NEW         92-15-071         434-392-163-595         434-392-163-600         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-392-163-605         434-392-163-605         NEW-P         92-10-062         392-175-015         NEW-P         92-15-071         434-392-163-610         434-392-163-610         NEW-P         92-10-062         392-175-020         NEW-P         92-19-084         434-392-163-615         434-392-163-615         NEW-P         92-10-062         392-175-025         NEW-P         92-06-053         434-392-163-615	34-010 1		92-12-083
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392-163-595         NEW-P         92-10-062         392-175-015         NEW-P         92-06-053         434-           392-163-600         NEW-P         92-10-062         392-175-015         NEW         92-15-071         434-           392-163-605         NEW-P         92-10-062         392-175-020         NEW-P         92-06-053         434-           392-163-610         NEW-P         92-10-062         392-175-020         NEW-W         92-19-084         434-           392-163-615         NEW-P         92-10-062         392-175-025         NEW-P         92-06-053         434-	34-015		92-12-083
392-163-605     NEW-P     92-10-062     392-175-020     NEW-P     92-06-053     434-       392-163-610     NEW-P     92-10-062     392-175-020     NEW-W     92-19-084     434-       392-163-615     NEW-P     92-10-062     392-175-025     NEW-P     92-06-053     434-	34-020	NEW-S	92-09-112
392-163-610 NEW-P 92-10-062 392-175-020 NEW-W 92-19-084 434- 392-163-615 NEW-P 92-10-062 392-175-025 NEW-P 92-06-053 434-			92-12-083
392-163-615 NEW-P 92-10-062 392-175-025 NEW-P 92-06-053 434-			92-09-112 92-12-083
			92-12-083
			92-12-083
			92-09-112
			92-12-083
392-163-635 NEW-P 92-10-062 392-196-080 AMD 92-05-068 434-			92-09-112
572 103 040 11211 72 10 002			92-12-083
3/2 103 013			92-09-112 92-12-083
3/2 103 103			92-12-083
372 103 103			92-12-083
			92-09-112
			92-12-083
	-34-060	NEW-S	92-09-112
392-165-130 AMD-P 92-11-028 399-30-042 AMD 92-03-052 434-			92-12-083
372 103 130			92-09-112
572 105 170 711112 1 72 11 020			92-12-083
272 100 110			92-09-112 92-12-083
572 105 210			92-12-083
			92-12-083
			92-09-112
			92-12-083
392-165-304 AMD 92-18-067 415-115-080 AMD-P 92-12-048 434	-34-085	NEW-S	92-09-112
392-165-310 AMD-P 92-11-028 415-115-080 AMD 92-16-032 434			92-12-083
3,2 1.05 3.0			92-09-112
372 103 520			92-12-083
72 105 520	24 005		92-09-112 92-12-083
392-165-322 AMD-P 92-11-028   434-08-060 NEW-P 92-15-141   434		141544	74-14-003

Table [ 40 ]

Table of WAC Sections Affected

WAC #		WSR #	WAC #		WSR #	WAC #		WSR #
434-34-100	NEW-S	92-09-112	434-53-320	NEW	92-12-083	434-166-1	170 NEW-E	92-02-103
434-34-100	NEW	92-12-083	434-53-330	NEW-W	92-12-076	434-166-1		92-02-104
434-34-105	NEW-S	92-09-112	434-53-340	NEW-W	92-12-076	434-166-1	170 NEW	92-10-023
434-34-105 434-34-110	NEW NEW-S	92-12-083	434-61-010	NEW	92-10-038	434-166-1		92-02-103
434-34-110	NEW-S	92-09-112 92-12-083	434-61-020 434-61-030	NEW NEW	92-10-038 92-10-038	434-166-1 434-166-1		92-02-104
434-34-115	NEW-S	92-09-112	434-61-040	NEW	92-10-038	434-166-1		92-10-023 92-02-103
434-34-115	NEW	92-12-083	434-61-050	NEW	92-10-038	434-166-1		92-02-104
434-40-025	NEW-P	92-15-140	434-61-060	NEW	92-10-038	434-166-1	90 NEW	92-10-023
434-40-025 434-53-010	NEW NEW-S	92-18-093 92-09-112	434-62-150 434-62-150	NEW-S NEW	92-09-112	434-166-2		92-02-103
434-53-010	NEW-3	92-12-083	434-62-160	NEW-S	92-12-083 92-09-112	434-166-2 434-166-2		92-02-104 92-10-023
434-53-020	NEW-S	92-09-112	434-62-160	NEW	92-12-083	434-166-2		92-10-023
434-53-020	NEW	92-12-083	434-62-170	NEW-S	92-09-112	434-166-2		92-02-104
434-53-030 434-53-030	NEW-S	92-09-112	434-62-170	NEW	92-12-083	434-166-2	210 NEW	92-10-023
434-53-030 434-53-040	NEW NEW-S	92-12-083 92-09-112	434-62-180 434-62-180	NEW-S NEW	92-09-112 92-12 <b>-</b> 083	434-166-2		92-02-103
434-53-040	NEW S	92-12-083	434-62-190	NEW-S	92-12-083 92-09-112	434-166-2 434-166-2		92-02-104 92-10-023
434-53-050	NEW-S	92-09-112	434-62-190	NEW	92-12-083	434-166-2		92-10-023
434-53-050	NEW	92-12-083	434-62-200	NEW-S	92-09-112	434-166-2	30 NEW-P	92-02-104
434-53-060 434-53-060	NEW-S	92-09-112	434-62-200	NEW	92-12-083	434-166-2		92-10-023
434-53-000	NEW NEW-S	92-12-083 92-09-112	434-75-240 434-75-240	AMD-P AMD	92-05-023 92-08-032	434-166-2 434-166-2		92-02-103
434-53-070	NEW	92-12-083	434-75-250	AMD-P	92-05-032	434-166-2		92-02-104 92-10-023
434-53-080	NEW-S	92-09-112	434-75-250	AMD	92-08-032	434-166-2		92-02-103
434-53-080	NEW	92-12-083	434-166-010	NEW-E	92-02-103	434-166-2	50 NEW-P	92-02-104
434-53-090 434-53-090	NEW-S	92-09-112	434-166-010	NEW-P	92-02-104	434-166-2		92-10-023
434-53-100	NEW NEW-S	92-12-083 92-09-112	434-166-010 434-166-020	NEW NEW-E	92-10-023 92-02-103	434-166-2 434-166-2		92-02-103
434-53-100	NEW	92-12-083	434-166-020	NEW-P	92-02-103	434-166-2		92-02-104 92-10-023
434-53-110	NEW-S	92-09-112	434-166-020	NEW	92-10-023	434-166-2		92-02-103
434-53-110	NEW	92-12-083	434-166-030	NEW-E	92-02-103	434-166-2	70 NEW-P	92-02-104
434-53-120 434-53-120	NEW-S NEW	92-09-112 92-12 <b>-</b> 083	434-166-030 434-166-030	NEW-P	92-02-104	434-166-2		92-10-023
434-53-120	NEW-S	92-09-112	434-166-040	NEW NEW-E	92-10-023 92-02-103	434-166-2 434-166-2		92-02-103 92-02-104
434-53-130	NEW	92-12-083	434-166-040	NEW-P	92-02-104	434-166-2		92-10-023
434-53-140	NEW-S	92-09-112	434-166-040	NEW	92-10-023	434-166-2	90 NEW-E	92-02-103
434-53-140 434-53-150	NEW NEW-S	92-12-083 92-09-112	434-166-050	NEW-E	92-02-103	434-166-2		92-02-104
434-53-150	NEW-3	92-09-112	434-166-050 434-166-050	NEW-P NEW	92-02-104 92-10-023	434-166-2 434-166-3		92-10-023
434-53-160	NEW-S	92-09-112	434-166-060	NEW-E	92-02-103	434-166-3		92-02-103 92-02-104
434-53-160	NEW	92-12-083	434-166-060	NEW-P	92-02-104	434-166-3		92-10-023
434-53-170	NEW-S	92-09-112	434-166-060	NEW	92-10-023	434-166-3		92-02-103
434-53-170 434-53-180	NEW NEW-S	92-12-083 92-09-112	434-166-070 434-166-070	NEW-E NEW-P	92-02-103 92 <b>-</b> 02-104	434-166-3 434-166-3		92-02-104
434-53-180	NEW	92-12-083	434-166-070	NEW	92-10-023	434-166-3		92-10-023 92-02-103
434-53-190	NEW-S	92-09-112	434-166-080	NEW-E	92-02-103	434-166-32	20 NEW-P	92-02-103
434-53-190	NEW	92-12-083	434-166-080	NEW-P	92-02-104	434-166-32		92-10-023
434-53-200 434-53-200	NEW-S NEW	92-09-112 92-12-083	434-166-080	NEW NEW-E	92-10-023	434-166-33		92-02-103
434-53-210	NEW-S	92-12-083	434-166-090 434-166-090	NEW-E NEW-P	92-02-103 92-02-104	434-166-33 434-166-33		92-02-104 92-10-023
434-53-210	NEW	92-12-083	434-166-090	NEW	92-10-023	434-166-34		92-10-023
434-53-220	NEW-S	92-09-112	434-166-100	NEW-E	92-02-103	434-166-34	40 NEW-P	92-02-104
434-53-220 434-53-230	NEW C	92-12-083	434-166-100	NEW-P	92-02-104	434-166-34		92-10-023
434-53-230	NEW-S NEW	92-09-112 92-12-083	434-166-100 434-166-110	NEW NEW-E	92-10-023 92-02-103	434-166-35		92-02-103
434-53-240	NEW-S	92-09-112	434-166-110	NEW-P	92-02-103	434-166-35 434-166-35		92-02-104 92-10-023
434-53-240	NEW	92-12-083	434-166-110	NEW	92-10-023	434-166-36		92-02-103
434-53-250	NEW-S	92-09-112	434-166-120	NEW-E	92-02-103	434-166-36		92-02-104
434-53-250 434-53-260	NEW NEW-S	92-12-083 92-09-112	434-166-120	NEW-P	92-02-104	434-166-36		92-15-070
434-53-260	NEW-3	92-12-083	434-166-120 434-166-130	NEW NEW-E	92-10-023 92-02-103	434-630-01 434-630-01		92-09-017
434-53-270	NEW-S	92-09-112	434-166-130	NEW-P	92-02-103	434-630-02		92-18-047 92-09-017
434-53-270	NEW	92-12-083	434-166-130	NEW	92-10-023	434-630-02		92-18-047
434-53-280	NEW-S	92-09-112	434-166-140	NEW-E	92-02-103	434-630-03	30 NEW-P	92-09-017
434-53-280 434-53-290	NEW NEW-S	92-12-083 92-09-112	434-166-140 434-166-140	NEW-P	92-02-104	434-630-03		92-18-047
434-53-290	NEW-S	92-09-112	434-166-150	NEW NEW-E	92-10-023 92-02-103	434-630-04 434-630-04		92-09-017
434-53-300	NEW-S	92-09-112	434-166-150	NEW-P	92-02-103	434-630-05		92-18-047 92-09-017
434-53-300	NEW	92-12-083	434-166-150	NEW	92-10-023	434-630-05	0 NEW	92-18-047
434-53-310	NEW-S	92-09-112	434-166-160	NEW-E	92-02-103	434-630-06		92-09-017
434-53-310 434-53-320	NEW NEW-S	92-12-083 92-09-112	434-166-160 434-166-160	NEW-P NEW	92-02-104 92-10-023	434-630-06		92-18-047
.5. 55 520		/2 U/-112	, 454 100-100	14544	72-10-023	434-635-01	0 NEW-P	92-09-018

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Table

WAC#		WSR #	WAC #		WSR #	WAC #		WSR #
		22.20.040	450 10 000	DDCD	92-04-068	460-33A-050	REP-P	92-14-089
434-635-010	NEW	92-18-048	458-18-020	PREP AMD-P		460-33A-050	REP	92-14-009
434-635-020	NEW-P	92-09-018	458-18-020	AMD-P AMD-E	92-04-078 92-06-038	460-33A-055	AMD-P	92-14-089
434-635-020	NEW	92-18-048	458-18-020	AMD-E AMD	92-15-057	460-33A-055	AMD-F AMD	92-14-009
434-635-030	NEW-P	92-09-018	458-18-020	PREP	92-19-029	460-33A-055	AMD-P	92-14-089
134-635-030	NEW D	92-18-048	458-18-215 458-18-220	AMD-P	92-14-086	460-33A-105	AMD	92-18-009
34-635-040	NEW-P	92-09-018	458-18-220	AMD-F	92-17-027	460-33A-115	AMD-P	92-14-089
34-635-040	NEW	92-18-048	458-20-105	AMD-P	92-03-066	460-33A-115	AMD	92-18-009
34-635-050	NEW-P	92-09-018 92-18-048	458-20-105	AMD-I	92-06-082	460-33A-125	AMD-P	92-14-089
134-635-050	NEW D	92-18-048	458-20-119	PREP	92-19-030	460-33A-125	AMD	92-18-009
34-635-060	NEW-P	92-18-048	458-20-121	REP-P	92-19-036	460-44A-075	AMD-P	92-14-090
134-635-060	NEW NEW	92-16-048	458-20-123	REP-P	92-19-036	460-44A-075	AMD	92-18-008
134-640-010 134-640-020	NEW	92-05-060	458-20-124	PREP	92-19-030	463-06-020	AMD-P	92-02-099
34-640-020	NEW	92-05-060	458-20-132	AMD	92-05-066	463-06-020	AMD	92-09-013
34-677-010	NEW-P	92-04-026	458-20-147	REP-P	92-19-036	463-06-030	AMD-P	92-02-099
34-677-010	NEW-F	92-08-020	458-20-152	REP-P	92-19-036	463-06-030	AMD	92-09-013
34-677-020	NEW-P	92-04-026	458-20-164	AMD-P	92-03-067	463-06-040	AMD-P	92-02-099
34-677-020 34-677-020	NEW	92-08-020	458-20-164	AMD-C	92-15-147A	463-06-040	AMD	92-09-013
34-677-030	NEW-P	92-04-026	458-20-164	AMD	92-19-004	463-06-050	AMD-P	92-02-099
34-677-030	NEW	92-08-020	458-20-166	AMD	92-05-064	463-06-050	AMD	92-09-013
34-677-030 34-677-040	NEW-P	92-04-026	458-20-17901	PREP	92-15-044	463-06-070	AMD-P	92-02-099
34-677-040	NEW-F	92-08-020	458-20-18601	NEW-P	92-03-065	463-06-070	AMD	92-09-013
34-677-0 <del>4</del> 0	NEW-P	92-04-026	458-20-18601	NEW	92-06-081	463-06-150	AMD-P	92-02-099
34-677-050	NEW	92-08-020	458-20-18801	AMD	92-05-065	463-06-150	AMD	92-09-013
134-677-060	NEW-P	92-04-026	458-20-199	AMD	92-03-026	463-26-030	REP-P	92-02-099
134-677-060	NEW	92-08-020	458-20-215	REP-P	92-19-036	463-26-030	REP	92-09-013
134-677-070	NEW-P	92-04-026	458-20-219	REP-P	92-19-036	463-36-100	NEW-P	92-17-055
434-677-070	NEW	92-08-020	458-20-220	REP-P	92-19-036	463-39-005	NEW-P	92-02-099
34-677-080	NEW-P	92-04-026	458-20-228	AMD	92-03-025	463-39-005	NEW	92-09-013
34-677-080	NEW	92-08-020	458-20-229	AMD-P	92-05-017	463-39-010	AMD-P	92-02-099
146-16	PREP	92-13-012A	458-20-229	AMD-C	92-17-029	463-39-010	AMD	92-09-013
46-16-025	AMD-P	92-11-051	458-20-230	PREP	92-15-045	463-39-030	AMD-P	92-02-099
46-16-025	AMD	92-15-014	458-20-260	NEW-E	92-04-015	463-39-030	AMD	92-09-013
146-16-030	AMD-P	92-11-051	458-20-260	PREP	92-05-052	463-39-040	REP-P	92-02-099
146-16-030	AMD	92-15-014	458-20-260	NEW-P	92-07-092	463-39-040	REP	92-09-013
146-16-080	AMD-P	92-11-051	458-20-260	NEW	92-10-006	463-39-050	REP-P	92-02-099
46-16-080	AMD	92-15-014	458-30-262	AMD	92-03-068	463-39-050	REP	92-09-013
46-16-090	AMD-P	92-11-051	458-30-590	AMD-P	92-18-076	463-39-060	REP-P	92-02-099
46-16-090	AMD	92-15-014	458-40-615	NEW-E	92-08-018	463-39-060	REP	92-09-013
46-20-285	AMD-P	92-11-052	458-40-615	PREP	92-10-060	463-39-080	REP-P	92-02-099
146-20-285	AMD	92-15-015	458-40-615	NEW-E	92-14-111	463-39-080	REP	92-09-013
446-20-290	AMD-P	92-11-052	458-40-615	NEW-P	92-14-112	463-39-110	REP-P	92-02-099
146-20-290	AMD	92-15-015	458-40-615	NEW	92-18-030	463-39-110	REP AMD-P	92-09-013 92-02-099
446-20-300	AMD-P	92-11-052	458-40-650	AMD-E	92-06-040	463-39-115	AMD-P	92-09-013
446-20-300	AMD	92-15-015	458-40-650	AMD-E	92-06-057	463-39-115	AMD-P	92-02-099
446-20-420	AMD-P	92-11-052	458-40-650	AMD-P	92-10-061	463-39-120 463-39-120	AMD-F AMD	92-09-013
446-20-420	AMD	92-15-015	458-40-650	AMD	92-14-083 92-06-037	463-39-120	REP-P	92-09-013
446-20-440	AMD-P	92-11-052	458-40-660	PREP	92-06-037 92-06-040	463-39-150	REP-P	92-09-013
146-20-440	AMD	92-15-015	458-40-660	AMD-E AMD-E	92-06-040	463-42-010	AMD-P	92-17-055
446-20-520	AMD-P	92-11-052	458-40-660 458-40-660	AMD-E AMD-P	92-10-061	463-42-012	AMD-P	92-17-055
446-20-520	AMD	92-15-015 92-13-012A	458-40-660	AMD-P AMD	92-10-001	463-42-055	AMD-P	92-02-099
446-30 446-50	PREP PREP	92-13-012A 92-13-012A	458-40-670	PREP	92-06-037	463-42-055	AMD .	92-09-013
446-50 458 12 010	PREP	92-13-012A 92-18-075	458-40-670	AMD-E	92-06-040	463-42-165	AMD-P	92-02-099
458-12-010 458-12-342	PREP	92-18-075 92-18-075	458-40-670	AMD-E	92-06-057	463-42-165	AMD	92-09-013
458-12-342 458-14-015	PREP	92-18-075 92-18-075	458-40-670	AMD-E	92-10-061	463-42-195	AMD-P	92-02-099
	PREP	92-18-075 92-18-075	458-40-670	AMD-P	92-10-001	463-42-195	AMD	92-09-013
458-14-025	PREP	92-18-075 92-18-075	458-40-684	AMD-P	92-14-063	463-42-225	AMD-P	92-02-099
458-14-026 458-14-127	PREP	92-18-075 92-18-075	458-40-684	AMD-F	92-14-083	463-42-225	AMD	92-09-013
458-14-12 <i>1</i> 458-14-170	PREP	92-18-075 92-18-075	460-33A-015	AMD-P	92-14-089	463-42-265	AMD-P	92-02-099
458-14-170 458-14-171	PREP	92-18-075 92-18-075	460-33A-015	AMD	92-18-009	463-42-265	AMD	92-09-013
458-14-171 458-16-013	PREP	92-04-069	460-33A-017	AMD-P	92-14-089	463-42-302	NEW-P	92-17-055
458-16-013 458-16-013	AMD-P	92-04-079	460-33A-017	AMD	92-18-009	463-42-305	REP-P	92-17-055
458-16-013	AMD-F	92-06-039	460-33A-020	AMD-P	92-14-089	463-42-312	NEW-P	92-17-055
458-16-013	AMD-E	92-15-058	460-33A-020	AMD	92-18-009	463-42-315	REP-P	92-17-055
458-16-020	PREP	92-04-069	460-33A-025	AMD-P	92-14-089	463-42-322	NEW-P	92-17-055
458-16-020	AMD-P	92-04-009	460-33A-025	AMD	92-18-009	463-42-325	REP-P	92-17-055
458-16-020	AMD-F	92-06-039	460-33A-030	AMD-P	92-14-089	463-42-332	NEW-P	92-17-055
458-16-020	AMD-E	92-05-059	460-33A-030	AMD	92-18-009	463-42-335	REP-P	92-17-055
458-18-010	PREP	92-04-068	460-33A-035	AMD-P	92-14-089	463-42-342	NEW-P	92-17-055
458-18-010	AMD-P	92-04-008	460-33A-035	AMD	92-18-009	463-42-345	AMD-P	92-02-099
458-18-010	AMD-F AMD-E	92-04-078	460-33A-040	AMD-P	92-14-089	463-42-345	AMD	92-09-013
458-18-010	AMD-E	92-15-057	460-33A-040	AMD	92-18-009	463-42-345	REP-P	92-17-055
-70-10-010	AMID	72-13-031	, 100 3311 010		<del></del>			-
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WAC#		WSR #	WAC#		WSR #	WAC#		WSR #
463-42-352	NEW-P	92-17-055	468-51-080	NEW	92-14-044	478-160-090	REP-P	92-08-065
463-42-355	REP-P	92-17-055	468-51-090	NEW-P	92-10-041	478-160-090	REP	92-12-011
463-42-362	NEW-P	92-17-055	468-51-090	NEW	92-14-044	478-160-105	AMD-P	92-08-065
463-42-365	REP-P	92-17-055	468-51-100	NEW-P	92-10-041	478-160-105	AMD	92-12-011
463-42-372	NEW-P	92-17-055	468-51-100	NEW	92-14-044	478-160-115	AMD-P	92-08-065
463-42-375 463-42-382	REP-P NEW-P	92-17-055 92-17-055	468-51-110 468-51-110	NEW-P NEW	92-10-041 92-14-044	478-160-115	AMD	92-12-011
463-42-395	REP-P	92-17-055 92-17 <b>-</b> 055	468-51-120	NEW-P	92-14-044 92-10-041	478-160-120 478-160-120	AMD-P AMD	92-08-065 92-12-011
463-42-405	REP-P	92-17-055	468-51-120	NEW	92-14-044	478-160-120	AMD-P	92-08-065
463-42-415	REP-P	92-17-055	468-51-130	NEW-P	92-10-041	478-160-130	AMD	92-12-011
463-42-425	REP-P	92-17-055	468-51-130	NEW	92-14-044	478-160-140	AMD-P	92-08-065
463-42-435	AMD-P	92-17-055	468-51-140	NEW-P	92-10-041	478-160-140	AMD	92-12-011
463-42-445	AMD-P	92-02-099	468-51-140	NEW	92-14-044	478-160-150	AMD-P	92-08-065
463-42-445 463-42-445	AMD REP-P	92-09-013 92-17-055	468-51-150 468-51-150	NEW-P NEW	92-10-041 92-14-044	478-160-150	AMD	92-12-011
463-42-455	AMD-P	92-02-099	468-66-010	AMD-P	92-14-044	478-160-155 478-160-155	REP-P REP	92-08-065 92-12-011
463-42-455	AMD	92-09-013	468-66-010	AMD	92-09-043	478-160-160	AMD-P	92-08-065
463-42-455	REP-P	92-17-055	468-66-090	AMD-P	92-06-010	478-160-160	AMD	92-12-011
463-42-465	AMD-P	92-02-099	468-66-090	AMD	92-09-043	478-160-200	REP-P	92-08-065
463-42-465	AMD	92-09-013	468-66-140	AMD-P	92-06-010	478-160-200	REP	92-12-011
463-42-465	REP-P	92-17-055 92-17-055	468-66-140	AMD	92-09-043	478-160-205	REP-P	92-08-065
463-42-475 463-42-485	REP-P REP-P	92-17-055 92-17-055	468-300-010 468-300-010	AMD-P AMD-E	92-14-003 92-14-004	478-160-205 478-160-210	REP	92-12-011
463-42-495	REP-P	92-17-055	468-300-010	AMD-L AMD	92-14-004	478-160-210	AMD-P AMD	92-08-065 92-12-011
463-42-505	REP-P	92-17-055	468-300-020	AMD-P	92-14-003	478-160-215	REP-P	92-08-065
463-42-515	REP-P	92-17-055	468-300-020	AMD-E	92-14-004	478-160-215	REP	92-12-011
463-42-525	AMD-P	92-17-055	468-300-020	AMD	92-18-005	478-160-216	REP-P	92-08-065
463-42-535	AMD-P	92-17-055	468-300-040	AMD-P	92-14-003	478-160-216	REP	92-12-011
463-42-545	REP-P	92-17-055	468-300-040	AMD-E	92-14-004	478-160-220	REP-P	92-08-065
463-42-555 463-42-565	REP-P REP-P	92-17-055 92-17-055	468-300-040 468-300-070	AMD REP-P	92-18-005 92-14-003	478-160-220 478-160-225	REP REP-P	92-12-011
463-42-575	REP-P	92-17-055	468-300-070	REP-E	92-14-003	478-160-225	REP-P	92-08-065 92-12-011
463-42-585	REP-P	92-17-055	468-300-070	REP	92-18-005	478-160-230	AMD-P	92-08-065
463-42-595	AMD-P	92-02-099	468-300-410	REP-P	92-14-003	478-160-230	AMD	92-12-011
463-42-595	AMD	92-09-013	468-300-410	REP-E	92-14-004	478-160-231	AMD-P	92-08-065
463-42-595	REP-P	92-17-055	468-300-410	REP	92-18-005	478-160-231	AMD	92-12-011
463-42-605	REP-P	92-17-055	468-300-510	REP-P	92-14-003	478-160-232	REP-P	92-08-065
463-42-615 463-42-625	REP-P AMD-P	92-17-055 92-02-099	468-300-510 468-300-510	REP-E REP	92-14-004 92-18-005	478-160-232 478-160-240	REP AMD-P	92-12-011 92-08-065
463-42-625	AMD	92-09-013	478-138-010	AMD-P	92-09-154	478-160-240	AMD-F	92-12-011
463-42-625	AMD-P	92-17-055	478-138-010	AMD	92-14-060	478-160-246	AMD-P	92-08-065
463-42-635	REP-P	92-17-055	478-138-020	AMD-P	92-09-154	478-160-246	AMD	92-12-011
463-42-655	AMD-P	92-17-055	478-138-020	AMD	92-14-060	478-160-256	AMD-P	92-08-065
463-42-685	NEW-P	92-02-099	478-138-030	AMD-P	92-09-154	478-160-256	AMD	92-12-011
463-42-685	NEW-P	92-06-070	478-138-030	AMD D	92-14-060	478-160-260	AMD-P	92-08-065
463-42-685 463-42-685	NEW-W NEW	92-07-002 92-10-001	478-138-040 478-138-040	AMD-P AMD	92-09-154 92-14-060	478-160-260 478-160-265	AMD AMD-P	92-12-011 92-08-065
463-42-690	NEW-P	92-02-099	478-138-050	REP-P	92-14-000	478-160-265	AMD-F AMD	92-12-011
463-42-690	NEW	92-09-013	478-138-050	REP	92-14-060	478-160-270	AMD-P	92-08-065
463-47-051	AMD-P	92-02-099	478-138-060	NEW-P	92-09-154	478-160-270	AMD	92-12-011
463-47-051	AMD	92-09-013	478-138-060	NEW	92-14-060	478-160-271	NEW-P	92-08-065
463-47-090	AMD-P	92-02-099	478-160-020	AMD-P	92-08-065	478-160-271	NEW	92-12-011
463-47-090	AMD	92-09-013	478-160-020	AMD	92-12-011	478-160-275	AMD-P	92-08-065
468-38-190 468-38-230	AMD-P AMD-P	92-19-025 92-19-025	478-160-025 478-160-025	AMD-P AMD	92-08-065 92-12-011	478-160-275 478-160-280	AMD AMD-P	92-12-011
468-38-235	AMD-P	92-19-025	478-160-030	AMD-P	92-08-065	478-160-280	AMD-P	92-08-065 92-12-011
468-38-260	AMD-P	92-19-025	478-160-030	AMD	92-12-011	478-160-285	AMD-P	92-08-065
468-38-390	AMD-P	92-19-025	478-160-035	AMD-P	92-08-065	478-160-285	AMD	92-12-011
468-51-010	NEW-P	92-10-041	478-160-035	AMD	92-12-011	478-160-290	AMD-P	92-08-065
468-51-010	NEW	92-14-044	478-160-040	AMD-P	92-08-065	478-160-290	AMD	92-12-011
468-51-020	NEW-P	92-10-041	478-160-040	AMD	92-12-011	478-160-295	AMD-P	92-08-065
468-51-020 468-51-030	NÉW NEW-P	92-14-044 92-10-041	478-160-045 478-160-045	AMD-P AMD	92-08-065	478-160-295	AMD B	92-12-011
468-51-030 468-51-030	NEW-P	92-10-041 92-14-044	478-160-050	AMD-P	92-12-011 92-08-065	478-160-305 478-160-305	AMD-P AMD	92-08-065 92-12-011
468-51-040	NEW-P	92-10-041	478-160-050	AMD-1	92-12-011	478-160-310	AMD-P	92-08-065
468-51-040	NEW	92-14-044	478-160-055	AMD-P	92-08-065	478-160-310	AMD	92-12-011
468-51-050	NEW-P	92-10-041	478-160-055	AMD	92-12-011	478-160-320	AMD-P	92-08-065
468-51-050	NEW	92-14-044	478-160-060	AMD-P	92-08-065	478-160-320	AMD	92-12-011
468-51-060	NEW-P	92-10-041	478-160-060	AMD	92-12-011	479-01-020	AMD-P	92-08-095
468-51-060	NEW D	92-14-044	478-160-065	AMD-P	92-08-065	479-01-020	AMD	92-12-014
468-51-070 468-51-070	NEW-P NEW	92-10-041 92-14-044	478-160-065 478-160-085	AMD AMD-P	92-12-011 92-08-065	480-04-010 480-04-020	REP AMD	92-07-006
468-51-080	NEW-P	92-14-044	478-160-085	AMD-P	92-08-003	480-04-020	AMD	92-07-006 92-07-006
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WAC #		WSR #	WAC #		WSR #	WAC#		WSR #
						400 446 004	NEW C	00.05.00
480-04-040	REP	92-07-006	480-93-010	AMD	92-16-100	480-146-091	NEW-C	92-05-00
480-04-050	AMD	92-07-006	480-93-015	NEW-P	92-06-086	480-146-091	NEW	92-07-009
480-04-060	AMD	92-07-006	480-93-015	NEW	92-16-100	484-10-035	AMD-P	92-13-022
480-04-065	NEW	92-07-006	480-93-017	NEW-P	92-06-086	484-10-035	AMD	92-17-04:
480-04-070	AMD	92-07-006	480-93-017	NEW	92-16-100	484-20-010	AMD-P	92-13-02
480-04-080	REP	92-07-006	480-93-018	NEW-P	92-06-086	484-20-010	AMD	92-17-046
480-04-090	AMD	92-07 <b>-0</b> 06	480-93-018	NEW	92-16-100	484-20-015	AMD-P	92-13-023
480-04-095	NEW	92-07-006	480-93-020	AMD-P	92-06-086	484-20-015	AMD	92-17-04
480-04-110	AMD	92-07-006	480-93-020	AMD	92-16-100	484-20-020	AMD-P	92-13-02
480-04-120	AMD	92-07-006	480-93-030	AMD-P	92-06-086	484-20-020	AMD	92-17-04
480-04-130	AMD	92-07-006	480-93-030	AMD	92-16-100	484-20-023	NEW-P	92-13-02
480-09-100	AMD	92-07-006	480-93-082	NEW-P	92-06-086	484-20-023	NEW	92-17-04
480-09-140	AMD-P	92-13-101	480-93-082	NEW	92-16-100	484-20-025	AMD-P	92-13-02
480-09-140	AMD	92-18-081	480-93-110	AMD-P	92-06-086	484-20-025	AMD	92-17-04
480-09-210	AMD	92-07-006	480-93-110	AMD	92-16-100	484-20-030	AMD-P	92-13-02
480-09-210	AMD-P	92-13-101	480-93-111	NEW-P	92-06-086	484-20-030	AMD	92-17-04
480-09-210	AMD	92-18-081	480-93-111	NEW	92-16-100	484-20-035	AMD-P	92-13-02
480-09-300	AMD-P	92-19-087	480-93-112	NEW-P	92-06-086	484-20-035	AMD	92-17-04
480-09-300	AMD-C	92-19-137	480-93-112	NEW	92-16-100	484-20-040	AMD-P	92-13-02
480-09-310	AMD-P	92-19-087	480-93-115	NEW-P	92-06-086	484-20-040	AMD	92-17-04
480-09-310	AMD-C	92-19-137	480-93-115	NEW	92-16-100	484-20-045	AMD-P	92-13-02
		92-19-137	480-93-120	AMD-P	92-06-086	484-20-045	AMD	92-17-04
480-09-335	NEW-P NEW-C		480-93-120	AMD-F	92-16-100	484-20-050	AMD-P	92-13-02
480-09-335		92-19-137	480-93-124	NEW-P	92-06-086	484-20-050	AMD	92-17-04
480-09-400	AMD-P	92-13-101	480-93-124		92-16-100	484-20-055	AMD-P	92-13-02
480-09-400	AMD	92-18-081		NEW	92-16-100	484-20-055	AMD-F	92-13-02
480-09-420	AMD-P	92-13-101	480-93-140	AMD-P			AMD-P	92-17-04
480-09-420	AMD	92-18-081	480-93-140	AMD	92-16-100	484-20-060	AMD-P	92-13-02
480-09-425	AMD-P	92-13-101	480-93-155	NEW-P	92-06-086	484-20-060	AMD	
480-09-425	AMD	92-18-081	480-93-155	NEW	92-16-100	484-20-065	AMD-P	92-13-02
480-09-460	AMD-P	92-13-101	480-93-161	NEW-P	92-06-086	484-20-065	AMD	92-17-04
480-09-460	AMD	92-18-081	480-93-161	NEW-W	92-19-085	484-20-068	AMD-P	92-13-02
480-09-480	AMD-P	92-13-101	480-93-175	NEW-P	92-06-086	484-20-068	AMD	92-17-04
480-09-480	AMD	92-18-081	480-93-175	NEW	92-16-100	484-20-070	AMD-P	92-13-02
480-09-500	AMD-P	92-13-101	480-93-180	AMD-P	92-06-086	484-20-070	AMD	92-17-04
480-09-500	AMD	92-18-081	480-93-180	AMD	92-16-100	484-20-075	AMD-P	92-13-02
480-09-700	AMD-P	92-13-101	480-93-183	NEW-P	92-06-086	484-20-075	AMD	92-17-04
480-09-700	AMD	92-18-081	480-93-183	NEW	92-16-100	484-20-085	AMD-P	92-13-02
480-09-735	AMD-P	92-13-101	480-93-185	AMD-P	92-06-086	484-20-085	AMD	92-17-04
480-09-735	AMD	92-18-081	480-93-185	AMD	92-16-100	484-20-087	NEW-P	92-13-02
480-09-780	AMD-P	92-13-101	480-93-18601	AMD-P	92-06-086	484-20-087	NEW	92-17-04
480-09-780	AMD	92-18-081	480-93-18601	AMD	92-16-100	484-20-089	NEW-P	92-13-02
480-09-800	AMD-P	92-13-101	480-93-187	AMD-P	92-06-086	484-20-089	NEW	92-17-04
480-09-800	AMD	92-18-081	480-93-187	AMD	92-16-100	484-20-090	AMD-P	92-13-02
480-09-810	AMD-P	92-13-101	480-93-188	AMD-P	92-06-086	484-20-090	AMD	92-17-04
480-09-810	AMD	92-18-081	480-93-188	AMD	92-16-100	484-20-095	AMD-P	92-13-02
480-12-375	AMD-P	92-05-092	480-93-190	AMD-P	92-06-086	484-20-095	AMD	92-17-04
480-12-375	AMD	92-09-014	480-93-190	AMD	92-16-100	484-20-100	AMD-P	92-13-02
480-70-120	AMD-P	92-19-138	480-93-200	AMD-P	92-06-086	484-20-100	AMD	92-17-04
480-70-350	AMD	92-03-082	480-93-200	AMD	92-16-100	484-20-105	AMD-P	92-13-02
480-70-600	REP-P	92-19-086	480-93-210	AMD-P	92-06-086	484-20-105	AMD	92-17-0
480-70-610	REP-P	92-19-086	480-93-210	AMD	92-16-100	484-20-110	AMD-P	92-13-02
480-70-620	REP-P	92-19-086	480-93-230	AMD-P	92-06-086	484-20-110	AMD	92-17-0
480-70-630	REP-P	92-19-086	480-93-230	AMD	92-16-100	484-20-115	AMD-P	92-13-0
	REP-P	92-19-086	480-110-018	NEW-P	92-05-091	484-20-115	AMD .	92-17-0
480-70-640		92-19-060	480-110-018	NEW	92-09-078	484-20-120	AMD-P	92-13-0
480-80-047	AMD-W				92-05-090	484-20-120	AMD-I	92-13-0
480-80-048	NEW	92-07-010	480-110-021	AMD-P				
480-80-049	NEW-P	92-05-089	480-110-021	AMD	92-13-056	484-20-135	AMD-P	92-13-0
480-80-049	NEW	92-08-075	480-110-066	AMD-P	92-05-090	484-20-135	AMD	92-17-0
480-92-011	NEW	92-03-050	480-110-066	AMD	92-13-056	484-20-140	AMD-P	92-13-0
480-92-021	NEW	92-03-050	480-120-021	AMD-P	92-16-019	484-20-140	AMD	92-17-0
480-92-031	NEW	92-03-050	480-120-086	AMD-P	92-16-019	484-20-145	AMD-P	92-13-0
480-92-050	NEW	92-03-050	480-120-087	AMD-P	92-13-101	484-20-145	AMD	92-17-0
480-92-060	NEW	92-03-050	480-120-087	AMD	92-18-081	484-20-150	AMD-P	92-13-0
480-92-070	NEW	92-03-050	480-120-340	NEW	92-03-049	484-20-150	AMD	92-17-0
480-92-080	NEW	92-03-050	480-120-500	NEW-P	92-16-019	495A-104-010	NEW-P	92-07-1
480-92-090	NEW	92-03-050	480-120-505	NEW-P	92-16-019	495A-104-010	NEW-E	92-08-0
480-92-100	NEW	92-03-050	480-120-510	NEW-P	92-16-019	495A-104-010	NEW	92-12-0
480-92-110	NEW	92-03-050	480-120-515	NEW-P	92-16-019	495A-104-020	NEW-P	92-07-1
480-93-002	AMD-P	92-06-086	480-120-520	NEW-P	92-16-019	495A-104-020	NEW-E	92-08-0
			480-120-525	NEW-P	92-16-019	495A-104-020	NEW	92-12-0
480-93-002	AMD B	92-16-100	480-120-525	NEW-P	92-16-019	495A-104-030	NEW-P	92-12-0
480-93-005	AMD-P	92-06-086	480-120-535	NEW-P NEW-P	92-16-019 92-16-019	495A-104-030 495A-104-030	NEW-P	92-07-10
400 00 000								
480-93-005 480-93-010	AMD AMD-P	92-16-100 92-06-086	480-122-060	AMD-P	92-16-099	495A-104-030	NEW	92-12-0

Table [ 44 ]

		<del></del>				<del></del>		
WAC #		WSR #	WAC#		WSR #	WAC#		WSR #
4054 100 010	)							
495A-108-010 495A-108-010	NEW-P NEW-E	92-07-101	495A-120-150	NEW	92-12-017	495A-276-010	NEW-P	92-07-101
495A-108-010	NEW-E	92-08-004 92-12-017	495A-120-160 495A-120-160	NEW-P NEW-E	92-07-101 92-08-004	495A-276-010	NEW-E	92-08-004
495A-108-020	NEW-P	92-07-101	495A-120-160	NEW-E	92-12-017	495A-276-010 495A-276-020	NEW D	92-12-017
495A-108-020	NEW-E	92-08-004	495A-120-170	NEW-P	92-07-101	495A-276-020 495A-276-020	NEW-P NEW-E	92-07-101
495A-108-020	NEW	92-12-017	495A-120-170	NEW-E	92-08-004	495A-276-020	NEW-E	92-08-004 92-12-017
495A-108-030	NEW-P	92-07-101	495A-120-170	NEW	92-12-017	495A-276-030	NEW-P	92-07-101
495A-108-030	NEW-E	92-08-004	495A-120-180	NEW-P	92-07-101	495A-276-030	NEW-E	92-08-004
495A-108-030	NEW	92-12-017	495A-120-180	NEW-E	92-08-004	495A-276-030	NEW	92-12-017
495A-108-040	NEW-P	92-07-101	495A-120-180	NEW	92-12-017	495A-276-040	NEW-P	92-07-101
495A-108-040	NEW-E	92-08-004	495A-120-190	NEW-P	92-07-101	495A-276-040	NEW-E	92-08-004
495A-108-040	NEW	92-12-017	495A-120-190	NEW-E	92-08-004	495A-276-040	NEW	92-12-017
495A-108-050 495A-108-050	NEW-P NEW-E	92-07-101	495A-120-190	NEW	92-12-017	495A-276-050	NEW-P	92-07-101
495A-108-050	NEW-E	92-08-004 92-12-017	495A-120-200 495A-120-200	NEW-P	92-07-101	495A-276-050	NEW-E	92-08-004
495A-108-060	NEW-P	92-07-101	495A-120-200 495A-120-200	NEW-E NEW	92-08-004 92-12-017	495A-276-050	NEW	92-12-017
495A-108-060	NEW-E	92-08-004	495A-122-010	NEW-P	92-07-101	495A-276-060 495A-276-060	NEW-P	92-07-101
495A-108-060	NEW	92-12-017	495A-122-010	NEW-E	92-08-004	495A-276-060	NEW-E NEW	92-08-004 92-12-017
495A-108-070	NEW-P	92-07-101	495A-122-010	NEW	92-12-017	495A-276-070	NEW-P	92-12-017
495A-108-070	NEW-E	92-08-004	495A-122-020	NEW-P	92-07-101	495A-276-070	NEW-E	92-08-004
495A-108-070	NEW	92-12-017	495A-122-020	NEW-E	92-08-004	495A-276-070	NEW	92-12-017
495A-108-080	NEW-P	92-07-101	495A-122-020	NEW	92-12-017	495A-276-080	NEW-P	92-07-101
495A-108-080	NEW-E	92-08-004	495A-122-030	NEW-P	92-07-101	495A-276-080	NEW-E	92-08-004
495A-108-080	NEW	92-12-017	495A-122-030	NEW-E	92-08-004	495A-276-080	NEW	92-12-017
495A-120-010	NEW-P	92-07-101	495A-122-030	NEW	92-12-017	495A-276-090	NEW-P	92-07-101
495A-120-010	NEW-E	92-08-004	495A-130-020	NEW-P	92-07-101	495A-276-090	NEW-E	92-08-004
495A-120-010 495A-120-020	NEW NEW-P	92-12-017 92-07-101	495A-130-020	NEW-E	92-08-004	495A-276-090	NEW	92-12-017
495A-120-020	NEW-P	92-12-017	495A-130-020 495A-131-010	NEW NEW-P	92-12-017	495A-276-100	NEW-P	92-07-101
495A-120-020	NEW-P	92-07-101	495A-131-010	NEW-F	92-07-101 92-08-004	495A-276-100 495A-276-100	NEW-E	92-08-004
495A-120-030	NEW-E	92-08-004	495A-131-010	NEW	92-12-017	495A-276-100 495A-276-110	NEW NEW-P	92-12-017 92-07-101
495A-120-030	NEW	92-12-017	495A-132-010	NEW-P	92-07-101	495A-276-110	NEW-P	92-07-101
495A-120-040	NEW-P	92-07-101	495A-132-010	NEW-E	92-08-004	495A-276-110	NEW-L	92-12-017
495A-120-040	NEW-E	92-08-004	495A-132-010	NEW	92-12-017	495A-276-120	NEW-P	92-07-101
495A-120-040	NEW	92-12-017	495A-133-020	NEW-P	92-07-101	495A-276-120	NEW-E	92-08-004
495A-120-045	NEW-P	92-07-101	495A-133-020	NEW-E	92-08-004	495A-276-120	NEW	92-12-017
495A-120-045	NEW-E	92-08-004	495A-133-020	NEW	92-12-017	495A-276-130	NEW-P	92-07-101
495A-120-045	NEW	92-12-017	495A-134-010	NEW-P	92-07-101	495A-276-130	NEW-E	92-08-004
495A-120-050	NEW-P NEW-E	92-07-101	495A-134-010	NEW-E	92-08-004	495A-276-130	NEW	92-12-017
495A-120-050 495A-120-050	NEW-E NEW	92-08-004 92-12-017	495A-134-010	NEW	92-12-017	495A-276-140	NEW-P	92-07-101
495A-120-060	NEW-P	92-07-101	495A-140-010 495A-140-010	NEW-P NEW-E	92-07-101 92-08-004	495A-276-140 495A-276-140	NEW-E	92-08-004
495A-120-060	NEW-E	92-08-004	495A-140-010	NEW	92-12-017	495A-280-010	NEW NEW-P	92-12-017 92-07-101
495A-120-060	NEW	92-12-017	495A-140-020	NEW-P	92-07-101	495A-280-010	NEW-F	92-08-004
495A-120-070	NEW-P	92-07-101	495A-140-020	NEW-E	92-08-004	495A-280-010	NEW	92-12-017
495A-120-070	NEW-E	92-08-004	495A-140-020	NEW	92-12-017	495A-280-015	NEW-P	92-07-101
495A-120-070	NEW	92-12-017	495A-140-030	NEW-P	92-07-101	495A-280-015	NEW-E	92-08-004
495A-120-080	NEW-P	92-07-101	495A-140-030	NEW-E	92-08-004	495A-280-015	NEW	92-12-017
495A-120-080	NEW-E	92-08-004	495A-140-030	NEW	92-12-017	495A-280-020	NEW-P	92-07-101
495A-120-080	NEW	92-12-017	495A-140-040	NEW-P	92-07-101	495A-280-020	NEW-E	92-08-004
495A-120-090	NEW-P	92-07-101	495A-140-040	NEW-E	92-08-004	495A-280-020	NEW	92-12-017
495A-120-090 495A-120-090	NEW-E NEW	92-08-004 92-12-017	495A-140-040	NEW D	92-12-017	495A-280-030	NEW-P	92-07-101
495A-120-100	NEW-P	92-07-101	495A-140-050 495A-140-050	NEW-P NEW-E	92-07-101	495A-280-030	NEW-E	92-08-004
495A-120-100	NEW-E	92-08-004	495A-140-050	NEW-E	92-08-004 92-12-017	495A-280-030 495A-280-040	NEW D	92-12-017
495A-120-100	NEW	92-12-017	495A-140-060	NEW-P	92-12-017	495A-280-040 495A-280-040	NEW-P NEW-E	92-07-101
495A-120-110	NEW-P	92-07-101	495A-140-060	NEW-E	92-08-004	495A-280-040	NEW-E	92-08-004 92-12-017
495A-120-110	NEW-E	92-08-004	495A-140-060	NEW	92-12-017	495A-280-050	NEW-P	92-07-101
495A-120-110	NEW	92-12-017	495A-140-070	NEW-P	92-07-101	495A-280-050	NEW-E	92-08-004
495A-120-120	NEW-P	92-07-101	495A-140-070	NEW-E	92-08-004	495A-280-050	NEW	92-12-017
495A-120-120	NEW-E	92-08-004	495A-140-070	NEW	92-12-017	495A-280-060	NEW-P	92-07-101
495A-120-120	NEW	92-12-017	495A-140-080	NEW-P	92-07-101	495A-280-060	NEW-E	92-08-004
495A-120-130	NEW-P	92-07-101	495A-140-080	NEW-E	92-08-004	495A-280-060	NEW	92-12-017
495A-120-130	NEW-E	92-08-004	495A-140-080	NEW	92-12-017	495A-280-070	NEW-P	92-07-101
495A-120-130	NEW D	92-12-017	495A-140-090	NEW-P	92-07-101	495A-280-070	NEW-E	92-08-004
495A-120-135	NEW-P	92-07-101	495A-140-090	NEW-E	92-08-004	495A-280-070	NEW	92-12-017
495A-120-135 495A-120-135	NEW-E NEW	92-08-004 92-12-017	495A-140-090	NEW D	92-12-017	495A-280-080	NEW-P	92-07-101
495A-120-133	NEW-P	92-12-017	495A-140-100 495A-140-100	NEW-P NEW-E	92-07-101 92-08-004	495A-280-080	NEW-E	92-08-004
495A-120-140	NEW-F	92-07-101	495A-140-100 495A-140-100	NEW-E NEW	92-08-004 92-12-017	495A-280-080	NEW D	92-12-017
495A-120-140	NEW	92-12-017	495A-140-100	NEW-P	92-12-017	495A-280-090 495A-280-090	NEW-P NEW-E	92-07-101 92-08-004
495A-120-150	NEW-P	92-07-101	495A-140-110	NEW-E	92-08-004	495A-280-090	NEW-E	92-12-017
495A-120-150	NEW-E	92-08-004	495A-140-110	NEW	92-12-017	495A-280-100	NEW-P	92-07-101
				[ 45 ]			<b>-</b>	Table

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## WAC ## WSR ## WAC ## WSR ## WAC ##  #954.280.100 NEW.E 92.08.004 #95C.116-090 NEW.P 92.12.050 #95C.120.150 NEW.P 9455.280.100 NEW.P 92.07.101 #95C.116-090 NEW.P 92.12.017 #95C.120.100 NEW.P 92.12.017 #95C.100.100 NEW.P 92.12.018 NEW.P 92.12.019 NEW.P 92.07.101 NEW.P 92.12.019 NEW.P 92.12.019 NEW.P 92.07.101 NEW.P 92.12.019 NEW.P 92.12.019 NEW.P 92.07.101 NEW.P 92.12.019 NEW.P	WSR #
495.A.280.100   NEW   92.12-017   495.C.116-000   NEW   92.19-131   495.C.120-150   NEW   495.A.280-110   NEW   92.00-101   495.C.116-100   NEW   92.19-131   495.C.120-160   NEW   495.A.280-110   NEW   92.12-017   495.C.116-110   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-110   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-110   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-120   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-120   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-120   NEW   92.12-050   495.A.280-100   NEW   92.12-017   495.C.116-130   NEW   92.12-050   495.A.300-010   NEW   92.07-101   495.C.116-130   NEW   92.12-050   495.A.300-010   NEW   92.12-017   495.C.116-130   NEW   92.12-050   495.A.300-020   NEW   92.12-017   495.C.116-140   NEW   92.12-050   495.A.300-020   NEW   92.12-017   495.C.116-140   NEW   92.12-050   495.A.300-030   NEW   92.12-017   495.C.116-140   NEW   92.12-050   495.A.300-030   NEW   92.12-017   495.C.116-150   NEW   92.12-050   495.A.300-030   NEW   92.12-017   495.C.116-150   NEW   92.12-050   495.A.300-030   NEW   92.07-101   495.C.116-150   NEW   92.12-050   495.A.300-030   NEW   92.07-101   495.C.116-160   NEW   92.12-050   495.A.300-030   NEW   92.07-101   495.C.116-160   NEW   92.12-050   495.A.300-040   NEW   92.12-017   495.C.116-160   NEW   92.12-050   495.A.300-040   NEW   92.02-010   495.C.116-170   NEW   92.19-131   495.C.130-010   NEW   495.A.300-040   NEW   92.02-010   495.C.116-170   NEW   92.19-131   495.C.130-010   NEW   495.A.300-040   NEW   92.02-010   495.C.116-170   NEW   92.19-131   495.C.130-010   NEW   495.A.310-010   NEW   92.02-010   495.C.116-180   NEW   92.19-131   495.C.133-010   NEW   495.A.310-	
495.A.280.100   NEW   92.12-017   495.C.116-000   NEW   92.19-131   495.C.120-150   NEW   495.A.280-110   NEW   92.00-101   495.C.116-100   NEW   92.19-131   495.C.120-160   NEW   495.A.280-110   NEW   92.12-017   495.C.116-110   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-110   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-110   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-120   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-120   NEW   92.12-050   495.A.280-120   NEW   92.12-017   495.C.116-120   NEW   92.12-050   495.A.280-100   NEW   92.12-017   495.C.116-130   NEW   92.12-050   495.A.300-010   NEW   92.07-101   495.C.116-130   NEW   92.12-050   495.A.300-010   NEW   92.12-017   495.C.116-130   NEW   92.12-050   495.A.300-020   NEW   92.12-017   495.C.116-140   NEW   92.12-050   495.A.300-020   NEW   92.12-017   495.C.116-140   NEW   92.12-050   495.A.300-030   NEW   92.12-017   495.C.116-140   NEW   92.12-050   495.A.300-030   NEW   92.12-017   495.C.116-150   NEW   92.12-050   495.A.300-030   NEW   92.12-017   495.C.116-150   NEW   92.12-050   495.A.300-030   NEW   92.07-101   495.C.116-150   NEW   92.12-050   495.A.300-030   NEW   92.07-101   495.C.116-160   NEW   92.12-050   495.A.300-030   NEW   92.07-101   495.C.116-160   NEW   92.12-050   495.A.300-040   NEW   92.12-017   495.C.116-160   NEW   92.12-050   495.A.300-040   NEW   92.02-010   495.C.116-170   NEW   92.19-131   495.C.130-010   NEW   495.A.300-040   NEW   92.02-010   495.C.116-170   NEW   92.19-131   495.C.130-010   NEW   495.A.300-040   NEW   92.02-010   495.C.116-170   NEW   92.19-131   495.C.130-010   NEW   495.A.310-010   NEW   92.02-010   495.C.116-180   NEW   92.19-131   495.C.133-010   NEW   495.A.310-	92-12-050
495.A.280.110   NEW.P   92.07-101   495.C-116-100   NEW.P   92-12-050   495.C-120-160   NEW.P     495.A.280.110   NEW.B   92.12-017   495.C-116-110   NEW.P   92-12-050   495.C-120-170   NEW.P     495.A.280.120   NEW.B   92.08-004   495.C-116-110   NEW.P   92-12-050   495.C-120-170   NEW.P     495.A.280.120   NEW.B   92.08-004   495.C-116-120   NEW.P   92-12-050   495.C-120-170   NEW.P     495.A.280.120   NEW.P   92.07-101   495.C-116-120   NEW.P   92-12-050   495.C-120-180   NEW.P     495.A.300.010   NEW.P   92.07-101   495.C-116-130   NEW.P   92-12-050   495.C-120-180   NEW.P     495.A.300.010   NEW.B   92.08-004   495.C-116-130   NEW.P   92-12-050   495.C-122-010   NEW.P     495.A.300.020   NEW.P   92.07-101   495.C-116-140   NEW.P   92-12-050   495.C-122-010   NEW.P     495.A.300.020   NEW.B   92.08-004   495.C-116-140   NEW.P   92-12-050   495.C-122-020   NEW.P     495.A.300.030   NEW.B   92.08-004   495.C-116-150   NEW.P   92-12-050   495.C-122-030   NEW.P     495.A.300.030   NEW.P   92.07-101   495.C-116-150   NEW.P   92-12-050   495.C-130-010   NEW.P     495.A.300.030   NEW.P   92.07-101   495.C-116-160   NEW.P   92-12-050   495.C-130-010   NEW.P     495.A.300.030   NEW.B   92.08-004   495.C-116-160   NEW.P   92-12-050   495.C-130-010   NEW.P     495.A.300.030   NEW.B   92.08-004   495.C-116-160   NEW.P   92-12-050   495.C-130-010   NEW.P     495.A.300.030   NEW.B   92.08-004   495.C-116-160   NEW.P   92-12-050   495.C-130-010   NEW.P     495.A.300.040   NEW.B   92.08-004   495.C-116-160   NEW.P   92-12-050   495.C-130-010   NEW.P     495.A.300.040   NEW.B   92.08-004   495.C-116-160   NEW.P   92-12-050   495.C-130-010   NEW.P     495.A.300.040   NEW.B   92.08-004   495.C-116-160   NEW.P   92-12-050   495.C-130-020   NEW.P     495.A.310-010   NEW.P   92.07-101   495.C-116-170   NEW.P   92-12-050   495.C-130-020   NEW.P     495.A.310-010   NEW.P   92.07-101   495.C-116-180   NEW.P   92-12-050   495.C-130-020   NEW.P     495.A.310-010   NEW.P   92.07-101   495.C-116-180   NEW.P   92-12-050   495.C-130-02	92-12-030
495.A.280.110   NEW.P   92.08-004   495.C116-100   NEW.P   92.12-050   NEW.P   92.12-017   A95.A.280.120   NEW.P   92.07-101   A95.C116-110   NEW.P   92.12-050   M95.C120-170   NEW.P   495.A.280.120   NEW.P   92.07-101   A95.C116-110   NEW.P   92.12-050   M95.C120-170   NEW.P   495.A.280.120   NEW.P   92.12-017   A95.C116-120   NEW.P   92.12-050   M95.C120-180   NEW.P   495.A.280.010   NEW.P   92.12-017   A95.C116-120   NEW.P   92.12-050   M95.C120-180   NEW.P   495.A.280.010   NEW.P   92.07-101   A95.C116-120   NEW.P   92.12-050   M95.C120-180   NEW.P   495.A.280.010   NEW.P   92.02-010   M95.C116-130   NEW.P   92.12-050   M95.C120-180   NEW.P   495.A.280.010   NEW.P   92.12-017   M95.C116-130   NEW.P   92.12-050   M95.C120-180   NEW.P   495.A.280.010   NEW.P   92.12-017   M95.C116-130   NEW.P   92.12-050   M95.C120-180   NEW.P   495.A.280.020   NEW.P   92.12-017   M95.C116-140   NEW.P   92.12-050   M95.C120-200   NEW.P   495.A.280.020   NEW.P   92.20-101   M95.C116-130   NEW.P   92.12-050   M95.C120-200   NEW.P   495.A.280.020   NEW.P   92.07-101   M95.C116-130   NEW.P   92.12-050   M95.C120-200   NEW.P   495.A.280.020   NEW.P   92.07-101   M95.C116-130   NEW.P   92.12-050   M95.C120-200   NEW.P   M95.A.280.020   NEW.P   92.07-101   M95.C116-130   NEW.P   92.12-050   M95.C120-200   NEW.P   M95.A.280.020   NEW.P   92.07-101   M95.C116-130   NEW.P   92.12-050   M95.C120-000   NEW.P   M95.A.280.020   NEW.P   92.07-101   M95.C116-130   NEW.P   92.12-050   M95.C120-000   NEW.P   M95.A.280.020   NEW.P   92.07-101   M95.C116-130   NEW.P   92.12-050   M95.C120-000   NEW.P   M95.A.280.020   NEW.P   92.12-050   M95.C120-000   NEW.P   92.	92-12-050
495A_280-110 NEW 92-12-017 495C-116-110 NEW 92-12-050 495C-120-170 NEW-P 495A_280-120 NEW-P 92-07-101 495C-116-120 NEW 92-12-050 495C-120-180 NEW-P 495A_280-120 NEW-P 92-12-017 495C-116-120 NEW 92-12-050 495C-120-180 NEW-P 495A_280-010 NEW-P 92-07-101 495C-116-120 NEW 92-12-050 495C-120-180 NEW-P 495A_280-010 NEW-P 92-07-101 495C-116-130 NEW 92-12-050 495C-122-010 NEW-P 495A_200-010 NEW 92-12-017 495C-116-140 NEW 92-12-050 495C-122-010 NEW-P 495A_200-020 NEW-P 92-07-101 495C-116-140 NEW 92-12-050 495C-122-020 NEW-P 495A_200-020 NEW-P 92-07-101 495C-116-140 NEW 92-12-050 495C-122-020 NEW-P 495A_200-020 NEW-P 92-07-101 495C-116-140 NEW 92-12-050 495C-122-020 NEW-P 495A_200-020 NEW-P 92-07-101 495C-116-150 NEW 92-12-050 495C-122-020 NEW-P 495A_200-020 NEW-P 92-07-101 495C-116-150 NEW 92-12-050 495C-130-010 NEW-P 495A_200-030 NEW-P 92-07-101 495C-116-160 NEW 92-12-050 495C-130-010 NEW-P 495A_200-030 NEW 92-12-017 495C-116-160 NEW 92-12-050 495C-130-010 NEW-P 495A_200-040 NEW-P 92-07-101 495C-116-160 NEW 92-12-050 495C-130-010 NEW-P 495A_200-040 NEW-P 92-07-101 495C-116-170 NEW 92-12-050 495C-130-020 NEW-P 495A_200-040 NEW-P 92-07-101 495C-116-180 NEW 92-12-050 495C-130-020 NEW-P 495A_200-040 NEW-P 92-12-050 495C-130-020 NEW-P 92-12-050 495	92-19-091
495.4.280.120   NEW.	92-12-050
495.4.320.120   NEW   92.12.017   495.116.120   NEW   92.19.131   495.122.010   NEW   495.4.300.010   NEW   92.08.004   495.116.130   NEW   92.19.131   495.122.010   NEW   495.4.300.010   NEW   92.12.017   495.116.140   NEW   92.19.131   495.122.010   NEW   495.4.300.020   NEW   92.12.017   495.116.140   NEW   92.12.050   495.122.020   NEW   495.4.300.020   NEW   92.12.017   495.116.140   NEW   92.12.050   495.122.020   NEW   495.4.300.020   NEW   92.12.017   495.116.140   NEW   92.12.050   495.130.000   NEW   92.12.017   495.116.140   NEW   92.12.050   495.130.010   NEW   495.4.300.020   NEW   92.12.017   495.116.150   NEW   92.12.050   495.130.010   NEW   495.4.300.030   NEW   92.12.017   495.116.150   NEW   92.12.050   495.130.010   NEW   495.4.300.040   NEW   92.12.017   495.116.150   NEW   92.12.050   495.130.020   NEW   495.4.310.010   NEW   92.12.017   495.116.150   NEW   92.12.050   495.133.010   NEW   495.4.310.010   NEW   92.12.017   495.116.150   NEW   92.12.050   495.133.010   NEW   495.4.310.010   NEW   92.12.017   495.116.150   NEW   92.12.050   495.133.010   NEW   495.4.310.020   NEW   92.12.017   495.116.150   NEW   92.12.050   495.133.000   NEW   495.4.310.020   NEW   92.12.017   495.116.150   NEW   92.12.050   495.133.000   NEW   495.4.310.020   NEW   92.12.017   495.116.200   NEW   92.12.050   495.133.000   NEW   495.4.310.020   NEW   92.12.017   495.116.200   NEW   92.12.050   495.133.000   NEW   495.4.310.020   NEW   92.12.017   495.116.220   NEW   92.12.050   495.134.010   NEW   495.4.310.020   NEW   92.12.017   495.116.220   NEW   92.12.050   495.134.010   NEW   495.4.310.020   NEW   92.12.017   495.116.220   NEW   92.12.050   495.134.010   NEW   495.4.310.020   NEW   92.12.050   495.134.010   NEW   92.12.050   495.134.010   NEW   92	92-19-091
495A-300-010 NEW-P 92-07-101 495C-116-130 NEW 92-19-131 495C-122-010 NEW-P 495A-300-010 NEW-P 92-07-101 495C-116-140 NEW 92-19-131 495C-122-020 NEW-P 495A-300-020 NEW-P 92-07-101 495C-116-140 NEW 92-12-031 495C-122-020 NEW-P 495A-300-020 NEW-P 92-07-101 495C-116-150 NEW-P 92-12-031 495C-122-020 NEW-P 495A-300-020 NEW-P 92-08-004 495C-116-150 NEW-P 92-12-030 NEW-P 92-07-101 495C-116-160 NEW-P 92-12-030 NE	92-12-050 92-19-091
495A.300.010 NEW. 92.10.017 495A.300.020 NEW.P 92.07.101 495C.116.104 NEW.P 92.12.050 495A.300.020 NEW.P 92.07.101 495C.116.105 NEW.P 92.12.050 495A.300.020 NEW.P 92.07.101 495C.116.105 NEW.P 92.12.050 495A.300.020 NEW.P 92.12.017 495C.116.105 NEW.P 92.12.050 495C.300.030 NEW.P 92.12.017 495C.116.105 NEW.P 92.19.131 495C.122.030 NEW.P 92.12.030 NEW.P 92.10.101 495C.116.105 NEW.P 92.12.050 495C.300.030 NEW.P 92.12.017 495C.116.105 NEW.P 92.19.131 495C.122.030 NEW.P 92.12.050 495C.300.030 NEW.P 92.12.017 495C.116.105 NEW.P 92.19.131 495C.122.030 NEW.P 92.10.030 NEW.P 92.10.101 495C.116.105 NEW.P 92.10.050 495C.300.040 NEW.P 92.10.101 495C.116.105 NEW.P 92.10.101 495C.300.040 NEW.P 92.10.101 495C.300.040 NEW.P 92.10.101 495C.300.040 NEW.P 92.07.101 495C.116.180 NEW.P 92.10.107 495C.300.040 NEW.P 92.07.101 495C.116.180 NEW.P 92.10.107 495C.310.040 NEW.P 92.07.101 495C.310.040 NEW.P 92.10.107 495C.310.040 NEW.P 92.07.101 495C.116.108 NEW.P 92.10.050 495C.310.010 NEW.P 92.07.101 495C.116.108 NEW.P 92.10.050 495C.310.000 NEW.P 92.10.070 495C.310.000 N	92-19-091
495A.300.010 NEW.P 92.12-017 495C.116.140 NEW.P 92.12-050 495A.300.020 NEW.P 92.08-004 495A.300.020 NEW.P 92.08-004 495C.116.150 NEW.P 92.12-050 495A.300.030 NEW.P 92.12-017 495C.116.150 NEW.P 92.12-050 495A.300.030 NEW.P 92.07-101 495C.116.160 NEW.P 92.12-050 495A.300.030 NEW.P 92.07-101 495C.116.160 NEW.P 92.12-050 495A.300.040 NEW.P 92.07-101 495C.116.170 NEW.P 92.12-050 495A.300.040 NEW.P 92.07-101 495C.116.170 NEW.P 92.1131 495C.130-010 NEW.P 495A.300.040 NEW.P 92.07-101 495C.116.180 NEW.P 92.12-050 495A.300.040 NEW.P 92.07-101 495C.116.180 NEW.P 92.12-050 495A.300.040 NEW.P 92.07-101 495C.116.180 NEW.P 92.12-050 495A.310-010 NEW.P 92.07-101 495C.116.190 NEW.P 92.12-050 495A.310-010 NEW.P 92.07-101 495C.116.190 NEW.P 92.1131 495C.1310-010 NEW.P 495A.310-020 NEW.P 92.07-101 495C.116.200 NEW.P 92.12-017 495C.116.200 NEW.P 92.12-018 495A.310-020 NEW.P 92.07-101 495C.116.200 NEW.P 92.12-050 495A.310-040 NEW.P 92.07-101 495C.116.200 NEW.P 92.12-050 495C.104-000 NEW.P 92.07-101 495C.116.200 NEW.P 92.12-050 495C.104-000 NEW.P 92.07-101 495C.116.200 NEW.P 92.12-050 495C.104-000 NEW.P 92.12-050 495C.104-000 NEW.P 92.12-050 495C.104-0	92-19-091
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495A-300-020 NEW- 92-08-004 495C-116-150 NEW-P 92-12-050 495C-122-030 NEW-P 495A-300-030 NEW-P 92-07-101 495C-116-160 NEW-P 92-12-050 495C-130-010 NEW-P 495A-300-030 NEW-P 92-08-004 495C-116-160 NEW-P 92-12-050 495C-130-010 NEW-P 495A-300-030 NEW-P 92-08-004 495C-116-170 NEW-P 92-12-050 495C-130-020 NEW-P 495A-300-040 NEW-P 92-07-101 495C-116-170 NEW-P 92-12-050 495C-130-020 NEW-P 495A-300-040 NEW-P 92-07-101 495C-116-180 NEW-P 92-12-050 495C-130-020 NEW-P 495A-310-010 NEW-P 92-07-101 495C-116-180 NEW-P 92-12-050 495C-131-010 NEW-P 495A-310-010 NEW-P 92-07-101 495C-116-180 NEW-P 92-12-050 495C-131-010 NEW-P 495A-310-010 NEW-P 92-07-101 495C-116-180 NEW-P 92-12-050 495C-131-010 NEW-P 495A-310-010 NEW-P 92-07-101 495C-116-180 NEW-P 92-12-050 495C-132-010 NEW-P 495A-310-020 NEW-P 92-07-101 495C-116-190 NEW-P 92-12-050 495C-133-020 NEW-P 495A-310-020 NEW-P 92-07-101 495C-116-200 NEW-P 92-12-050 495C-133-020 NEW-P 495A-310-020 NEW-P 92-07-101 495C-116-200 NEW-P 92-12-050 495C-133-020 NEW-P 495A-310-030 NEW-P 92-07-101 495C-116-210 NEW-P 92-12-050 495C-134-010 NEW-P 495A-310-030 NEW-P 92-07-101 495C-116-220 NEW-P 92-12-050 495C-134-010 NEW-P 495A-310-030 NEW-P 92-07-101 495C-116-220 NEW-P 92-12-050 495C-134-010 NEW-P 495A-310-040 NEW-P 92-07-101 495C-116-230 NEW-P 92-12-050 495C-134-010 NEW-P 495A-310-040 NEW-P 92-07-101 495C-116-230 NEW-P 92-12-050 495C-140-020 NEW-P 495A-310-040 NEW-P 92-07-101 495C-116-230 NEW-P 92-12-050 495C-140-030 NEW-P 495A-310-040 NEW-P 92-07-101 495C-116-250 NEW-P 92-12-050 495C-140-030 NEW-P 495A-310-040 NEW-P 92-07-101 495C-116-250 NEW-P 92-12-050 495C-140-030 NEW-P 495A-310-040 NEW-P 92-07-101 495C-116-250 NEW-P 92-12-050 495C-140-030 NEW-P 495A-325-010 NEW-P 92-07-101 495C-116-250 NEW-P 92-12-050 495C-140-030 NEW-P 495A-325-010 NEW-P 92-12-050 495C-116-040 NEW-P 92-12-050 495C-140-030 NEW-P 92-12-050 495C-140-090 NE	92-19-091
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495A-310-030         NEW-E         92-08-004         495C-116-220         NEW         92-19-131         495C-140-010         NEW-P           495A-310-030         NEW         92-12-017         495C-116-230         NEW-P         92-12-050         495C-140-020         NEW-P           495A-310-040         NEW-P         92-08-004         495C-116-240         NEW-P         92-12-050         495C-140-030         NEW-P           495A-310-040         NEW-P         92-12-017         495C-116-240         NEW-P         92-12-050         495C-140-030         NEW-P           495A-310-040         NEW-P         92-12-050         495C-140-030         NEW-P         495C-140-030         NEW-P           495A-325-010         NEW-P         92-07-101         495C-116-250         NEW-P         92-12-050         495C-140-040         NEW-P           495A-325-010         NEW-P         92-12-050         495C-116-250         NEW-P         92-12-050         495C-140-040         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-260         NEW-P         92-12-050         495C-140-050         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-270         NEW-P         92-12-050         495C-140-060         NEW-P <td>92-12-050</td>	92-12-050
495A-310-040         NEW-P         92-07-101         495C-116-230         NEW         92-19-131         495C-140-020         NEW-P           495A-310-040         NEW-B         92-08-004         495C-116-240         NEW-P         92-12-050         495C-140-030         NEW-P           495A-310-040         NEW-P         92-07-101         495C-116-250         NEW-P         92-12-050         495C-140-040         NEW-P           495A-325-010         NEW-P         92-08-004         495C-116-250         NEW-P         92-12-050         495C-140-040         NEW-P           495A-325-010         NEW-P         92-12-050         495C-116-260         NEW-P         92-12-050         495C-140-040         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-260         NEW-P         92-12-050         495C-140-050         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-270         NEW-P         92-12-050         495C-140-050         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-270         NEW-P         92-12-050         495C-140-060         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-270         NEW-P         92-12-050         495C-140-	92-19-091
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495A-310-040         NEW         92-12-017         495C-116-240         NEW         92-19-131         495C-140-030         NEW           495A-325-010         NEW-P         92-07-101         495C-116-250         NEW-P         92-12-050         495C-140-040         NEW-P           495A-325-010         NEW-E         92-08-004         495C-116-250         NEW         92-19-131         495C-140-040         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-260         NEW-P         92-12-050         495C-140-050         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-260         NEW-P         92-12-050         MSC-140-050         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-260         NEW-P         92-12-050         495C-140-050         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-270         NEW-P         92-12-050         495C-140-060         NEW-P           495C-104-020         NEW         92-19-091         495C-116-280         NEW-P         92-12-050         495C-140-060         NEW-P           495C-104-030         NEW-P         92-12-050         495C-1140-090         NEW-P         92-12-050         495C-140-070	92-19-091
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495A-325-010         NEW-E         92-08-004         495C-116-250         NEW         92-19-131         495C-140-040         NEW-P           495A-325-010         NEW         92-12-017         495C-116-260         NEW-P         92-12-050         495C-104-010         NEW-P         92-12-050         495C-116-260         NEW-P         92-12-050         MSC-116-270         NEW         92-19-131         495C-140-060         NEW-P           485C-104-020         NEW         92-19-091         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-108-010         NEW-P         92-12-050         495C-110-090         NEW-P         92-12-050         495C-140-080	92-12-050
495A-325-010         NEW         92-12-017         495C-116-260         NEW-P         92-12-050         495C-140-050         NEW-P           495C-104-010         NEW-P         92-12-050         495C-116-260         NEW         92-19-131         495C-140-050         NEW           495C-104-010         NEW         92-19-091         495C-116-270         NEW-P         92-12-050         495C-140-060         NEW-P           495C-104-020         NEW-P         92-12-050         495C-116-270         NEW         92-19-131         495C-140-060         NEW-P           485C-104-020         NEW         92-19-091         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW           495C-108-010         NEW-P         92-12-050         495C-116-290         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-010         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-020         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-090	92-19-091
495C-104-010         NEW-P         92-12-050         495C-116-260         NEW         92-19-131         495C-140-050         NEW           495C-104-010         NEW         92-19-091         495C-116-270         NEW-P         92-12-050         495C-140-060         NEW-P           495C-104-020         NEW-P         92-12-050         495C-116-270         NEW         92-19-131         495C-140-060         NEW-P           495C-104-020         NEW         92-19-091         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-280         NEW         92-19-131         495C-140-070         NEW-P           495C-108-010         NEW-P         92-12-050         495C-116-290         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-010         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-020         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-090         NEW-P           495C-108-020         NEW-P         92-12-050         495C-120-020         NEW-P         92-12-050         495C-140-090	92-12-050
495C-104-020         NEW-P         92-12-050         495C-116-270         NEW         92-19-131         495C-140-060         NEW           485C-104-020         NEW         92-19-091         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-280         NEW         92-19-131         495C-140-070         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-108-010         NEW-P         92-12-050         495C-116-290         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-010         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-090         NEW-P           495C-108-020         NEW-P         92-12-050         495C-120-020         NEW-P         92-12-050         495C-140-090         NEW-P           495C-108-030         NEW-P         92-12-050         495C-120-020         NEW-P         92-12-050         495C-140-100         NEW-P           495C-108-030         NEW-P         92-12-050         495C-120-030         NEW-P         92-12-050         495C-140-100 <td>92-19-091</td>	92-19-091
485C-104-020         NEW         92-19-091         495C-116-280         NEW-P         92-12-050         495C-140-070         NEW-P           495C-104-030         NEW-P         92-12-050         495C-116-280         NEW         92-19-131         495C-140-070         NEW-P           495C-104-030         NEW         92-19-091         495C-116-290         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-010         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-010         NEW         92-19-091         495C-120-010         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-020         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-090         NEW-P           495C-108-020         NEW         92-19-091         495C-120-020         NEW-P         92-12-050         495C-140-090         NEW-P           495C-108-030         NEW-P         92-12-050         495C-120-020         NEW-P         92-12-050         495C-140-100         NEW-P           495C-108-040         NEW-P         92-12-050         495C-120-030         NEW-P         92-12-050         495C-168-010	92-12-050
495C-104-030         NEW-P         92-12-050         495C-116-280         NEW         92-19-131         495C-140-070         NEW           495C-104-030         NEW         92-19-091         495C-116-290         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-010         NEW-P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-010         NEW P         92-12-050         495C-120-010         NEW-P         92-12-050         495C-140-080         NEW-P           495C-108-020         NEW-P         92-12-050         495C-120-010         NEW P         92-12-050         495C-140-090         NEW-P           495C-108-020         NEW P         92-12-050         495C-120-020         NEW P         92-12-050         495C-140-090         NEW-P           495C-108-030         NEW P         92-12-050         495C-120-020         NEW P         92-12-050         495C-140-100         NEW-P           495C-108-030         NEW P         92-12-050         495C-120-030         NEW P         92-12-050         495C-140-100         NEW-P           495C-108-040         NEW P         92-12-050         495C-120-030         NEW P         92-12-050         495C-168-010<	92-19-091 92-12-050
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495C-108-040         NEW         92-19-091         495C-120-040         NEW         92-19-091         495C-168-010         NEW-P           495C-108-050         NEW-P         92-12-050         495C-120-045         NEW-P         92-12-050         495C-168-010         NEW-P           495C-108-050         NEW         92-19-091         495C-120-045         NEW         92-19-091         495C-168-020         NEW-P           495C-108-060         NEW-P         92-12-050         495C-120-050         NEW-P         92-12-050         495C-168-020         NEW           495C-108-060         NEW         92-19-091         495C-120-050         NEW         92-19-091         495C-168-030         NEW-P           495C-108-070         NEW-P         92-12-050         495C-120-060         NEW-P         92-12-050         495C-168-040         NEW-P           495C-108-080         NEW-P         92-12-050         495C-120-070         NEW-P         92-12-050         495C-168-040         NEW-P	92-19-091
495C-108-050         NEW-P         92-12-050         495C-120-045         NEW-P         92-12-050         495C-168-010         NEW           495C-108-050         NEW         92-19-091         495C-120-045         NEW         92-19-091         495C-168-020         NEW-P           495C-108-060         NEW-P         92-12-050         495C-120-050         NEW-P         92-12-050         495C-168-020         NEW-P           495C-108-060         NEW         92-19-091         495C-120-050         NEW-P         92-19-091         495C-168-030         NEW-P           495C-108-070         NEW         92-19-091         495C-120-060         NEW         92-19-091         495C-168-030         NEW-P           495C-108-080         NEW-P         92-12-050         495C-120-060         NEW-P         92-19-091         495C-168-040         NEW-P	92-12-050
495C-108-060         NEW-P         92-12-050         495C-120-050         NEW-P         92-12-050         495C-168-020         NEW           495C-108-060         NEW         92-19-091         495C-120-050         NEW         92-19-091         495C-168-030         NEW-P           495C-108-070         NEW-P         92-12-050         495C-120-060         NEW-P         92-12-050         495C-168-030         NEW           495C-108-070         NEW         92-19-091         495C-120-060         NEW         92-19-091         495C-168-040         NEW-P           495C-108-080         NEW-P         92-12-050         495C-120-070         NEW-P         92-12-050         495C-168-040         NEW	92-19-091
495C-108-060     NEW     92-19-091     495C-120-050     NEW     92-19-091     495C-168-030     NEW-P       495C-108-070     NEW-P     92-12-050     495C-120-060     NEW-P     92-12-050     495C-168-030     NEW-P       495C-108-070     NEW     92-19-091     495C-120-060     NEW     92-19-091     495C-168-040     NEW-P       495C-108-080     NEW-P     92-12-050     495C-120-070     NEW-P     92-12-050     495C-168-040     NEW-P	92-12-050
495C-108-070     NEW-P     92-12-050     495C-120-060     NEW-P     92-12-050     495C-168-030     NEW       495C-108-070     NEW     92-19-091     495C-120-060     NEW     92-19-091     495C-168-040     NEW-P       495C-108-080     NEW-P     92-12-050     495C-120-070     NEW-P     92-12-050     495C-168-040     NEW	92-19-091 92-12-050
495C-108-070 NEW 92-19-091 495C-120-060 NEW 92-19-091 495C-168-040 NEW-P 495C-108-080 NEW-P 92-12-050 495C-120-070 NEW-P 92-12-050 495C-168-040 NEW	92-12-030
495C-108-080 NEW-P 92-12-050 495C-120-070 NEW-P 92-12-050 495C-168-040 NEW	92-12-050
	92-19-091
	92-12-050
495C-116-010 NEW-P 92-12-050   495C-120-080 NEW-P 92-12-050   495C-168-050 NEW	92-19-091
495C-116-010 NEW 92-19-131 495C-120-080 NEW 92-19-091 495C-168-060 NEW-P	92-12-050
495C-116-020 NEW-P 92-12-050 495C-120-090 NEW-P 92-12-050 495C-168-060 NEW 495C-116-020 NEW 92-19-131 495C-120-090 NEW 92-19-091 495C-276-010 NEW-P	92-19-091 92-12-050
495C-116-020 NEW 92-19-131 495C-120-090 NEW 92-19-091 495C-276-010 NEW-P 495C-116-030 NEW-P 92-12-050 495C-120-100 NEW-P 92-12-050 495C-276-010 NEW	92-12-030
495C-116-030 NEW-P 92-12-030 1495C-120-100 NEW-P 92-12-030 1495C-276-020 NEW-P	92-12-050
495C-116-040 NEW-P 92-12-050 495C-120-110 NEW-P 92-12-050 495C-276-020 NEW	92-19-091
495C-116-040 NEW 92-19-131 495C-120-110 NEW 92-19-091 495C-276-030 NEW-P	92-12-050
495C-116-050 NEW-P 92-12-050 495C-120-120 NEW-P 92-12-050 495C-276-030 NEW	92-19-091
495C-116-050 NEW 92-19-131 495C-120-120 NEW 92-19-091 495C-276-040 NEW-P	92-12-050
495C-116-060 NEW-P 92-12-050 495C-120-130 NEW-P 92-12-050 495C-276-040 NEW 495C-116-060 NEW 92-19-131 495C-120-130 NEW 92-19-091 495C-276-050 NEW-P	92-19-091 92-12-050
495C-116-060 NEW 92-19-131 495C-120-130 NEW 92-19-091 495C-276-050 NEW-P 495C-116-070 NEW-P 92-12-050 495C-120-135 NEW-P 92-12-050 NEW-P	92-12-030
495C-116-070 NEW 92-12-030 495C-120-135 NEW 92-19-091 495C-276-060 NEW-P	92-13-051
495C-116-080 NEW-P 92-12-050 495C-120-140 NEW-P 92-12-050 495C-276-060 NEW	92-19-091
495C-116-080 NEW 92-19-131 495C-120-140 NEW 92-19-091 495C-276-070 NEW-P	92-12-050

Table [ 46 ]

WAC#		WSR #	WAC#		WSR #	WAC#		WSR #
					-			
495C-276-070	NEW	92-19-091	495D-108-050	NEW-P	92-12-049	495D-120-050	NEW	92-15-081
495C-276-080	NEW-P	92-12-050	495D-108-050	NEW	92-15-081	495D-120-060	NEW-P	92-12-049
495C-276-080	NEW	92-19-091	495D-108-060	NEW-P	92-12-049	495D-120-060	NEW	92-15-081
495C-276-090	NEW-P	92-12-050	495D-108-060	NEW D	92-15-081	495D-120-070	NEW-P	92-12-049
495C-276-090 495C-276-100	NEW NEW-P	92-19-091 92-12-050	495D-108-070 495D-108-070	NEW-P NEW	92-12-049 92-15-081	495D-120-070 495D-120-080	NEW NEW-P	92-15-081 92-12-049
495C-276-100	NEW	92-19-091	495D-108-080	NEW-P	92-13-049	495D-120-080	NEW	92-15-081
495C-276-110	NEW-P	92-12-050	495D-108-080	NEW	92-15-081	495D-120-090	NEW-P	92-12-049
495C-276-110	NEW	92-19-091	495D-116-010	NEW-P	92-12-049	495D-120-090	NEW	92-15-081
495C-276-120	NEW-P	92-12-050	495D-116-010	NEW	92-15-081	495D-120-100	NEW-P	92-12-049
495C-276-120	NEW	92-19-091	495D-116-020	NEW-P	92-12-049	495D-120-100	NEW	92-15-081
495C-276-130 495C-276-130	NEW-P NEW	92-12-050 92-19-091	495D-116-020 495D-116-030	NEW NEW-P	92-15-081 92-12-049	495D-120-110 495D-120-110	NEW-P NEW	92-12-049 92-15-081
495C-276-140	NEW-P	92-12-050	495D-116-030	NEW	92-15-081	495D-120-110	NEW-P	92-13-081
495C-276-140	NEW	92-19-091	495D-116-040	NEW-P	92-12-049	495D-120-120	NEW	92-15-081
495C-280-010	NEW-P	92-12-050	495D-116-040	NEW	92-15-081	495D-120-130	NEW-P	92-12-049
495C-280-010	NEW	92-19-131	495D-116-050	NEW-P	92-12-049	495D-120-130	NEW	92-15-081
495C-280-015	NEW-P	92-12-050	495D-116-050	NEW D	92-15-081	495D-120-140	NEW-P	92-12-049
495C-280-015 495C-280-020	NEW NEW-P	92-19-131 92-12-050	495D-116-060 495D-116-060	NEW-P NEW	92-12-049 92-15-081	495D-120-140 495D-120-150	NEW NEW-P	92-15-081 92-12-049
495C-280-020	NEW	92-19-131	495D-116-070	NEW-P	92-12-049	495D-120-150	NEW	92-15-081
495C-280-030	NEW-P	92-12-050	495D-116-070	NEW	92-15-081	495D-120-160	NEW-P	92-12-049
495C-280-030	NEW	92-19-131	495D-116-080	NEW-P	92-12-049	495D-120-160	NEW	92-15-081
495C-280-040	NEW-P	92-12-050	495D-116-080	NEW	92-15-081	495D-120-170	NEW-P	92-12-049
495C-280-040	NEW	92-19-131	495D-116-090	NEW-P	92-12-049	495D-120-170	NEW	92-15-081
495C-280-050 495C-280-050	NEW-P NEW	92-12-050 92-19-131	495D-116-090 495D-116-100	NEW NEW-P	92-15-081 92-12-049	495D-120-180 495D-120-180	NEW-P NEW	92-12-049 92-15-081
495C-280-060	NEW-P	92-19-131	495D-116-100	NEW-F	92-15-081	495D-120-180 495D-120-190	NEW-P	92-13-061
495C-280-060	NEW	92-19-131	495D-116-110	NEW-P	92-12-049	495D-120-190	NEW	92-15-081
495C-280-070	NEW-P	92-12-050	495D-116-110	NEW	92-15-081	495D-120-200	NEW-P	92-12-049
495C-280-070	NEW	92-19-131	495D-116-120	NEW-P	92-12-049	495D-120-200	NEW	92-15-081
495C-280-080	NEW-P	92-12-050	495D-116-120	NEW	92-15-081	495D-122-010	NEW-P	92-12-049
495C-280-080 495C-280-090	NEW NEW-P	92-19-131 92-12-050	495D-116-130 495D-116-130	NEW-P NEW	92-12-049 92-15-081	495D-122-010 495D-122-020	NEW NEW-P	92-15-081 92-12-049
495C-280-090	NEW-P	92-12-030	495D-116-140	NEW-P	92-12-049	495D-122-020	NEW	92-15-081
495C-280-100	NEW-P	92-12-050	495D-116-140	NEW	92-15-081	495D-122-030	NEW-P	92-12-049
495C-280-100	NEW	92-19-131	495D-116-150	NEW-P	92-12-049	495D-122-030	NEW	92-15-081
495C-280-110	NEW-P	92-12-050	495D-116-150	NEW	92-15-081	495D-130-010	NEW-P	92-12-049
495C-280-110	NEW D	92-19-131 92-12-050	495D-116-160 495D-116-160	NEW-P	92-12-049 92-15-081	495D-130-010 495D-130-015	NEW NEW-P	92-15-081 92-12-049
495C-280-120 495C-280-120	NEW-P NEW	92-12-030 92-19-131	495D-116-160 495D-116-170	NEW NEW-P	92-13-049	495D-130-015	NEW-P	92-12-049
495C-300-010	NEW-P	92-12-050	495D-116-170	NEW	92-15-081	495D-130-020	NEW-P	92-12-049
495C-300-010	NEW	92-19-091	495D-116-180	NEW-P	92-12-049	495D-130-020	NEW	92-15-081
495C-300-020	NEW-P	92-12-050	495D-116-180	NEW	92-15-081	495D-131-010	NEW-P	92-12-049
495C-300-020	NEW	92-19-091	495D-116-200	NEW-P	92-12-049	495D-131-010	NEW	92-15-081
495C-300-030 495C-300-030	NEW-P NEW	92-12-050 92-19-091	495D-116-200 495D-116-210	NEW NEW-P	92-15-081 92-12-049	495D-132-010 495D-132-010	NEW-P NEW	92-12-049 92-15-081
495C-300-040	NEW-P	92-19-091	495D-116-210	NEW	92-15-081	495D-132-010 495D-133-020	NEW-P	92-13-081
495C-300-040	NEW	92-19-091	495D-116-220	NEW-P	92-12-049	495D-133-020	NEW	92-15-081
495C-310-010	NEW-P	92-12-050	495D-116-220	NEW	92-15-081	495D-134-010	NEW-P	92-12-049
495C-310-010	NEW	92-19-091	495D-116-230	NEW-P	92-12-049	495D-134-010	NEW	92-15-081
495C-310-020	NEW-P	92-12-050	495D-116-230	NEW	92-15-081	495D-140-010	NEW-P	92-12-049 92-15-081
495C-310-020 495C-310-030	NEW NEW-P	92-19-091 92-12-050	495D-116-240 495D-116-240	NEW-P NEW	92-12-049 92-15-081	495D-140-010 495D-140-020	NEW NEW-P	92-13-081
495C-310-030	NEW	92-12-030	495D-116-250	NEW-P	92-12-049	495D-140-020	NEW	92-15-081
495C-310-040	NEW-P	92-12-050	495D-116-250	NEW	92-15-081	495D-140-030	NEW-P	92-12-049
495C-310-040	NEW	92-19-091	495D-116-260	NEW-P	92-12-049	495D-140-030	NEW	92-15-081
495C-325-010	NEW-P	92-12-050	495D-116-260	NEW	92-15-081	495D-140-040	NEW-P	92-12-049
495C-325-010	NEW	92-19-091	495D-116-270	NEW-P	92-12-049	495D-140-040	NEW	92-15-081
495D-104-010	NEW-P	92-12-049 92-15-081	495D-116-270 495D-116-280	NEW NEW-P	92-15-081 92-12-049	495D-140-050 495D-140-050	NEW-P NEW	92-12-049 92-15-081
495D-104-010 495D-104-020	NEW NEW-P	92-13-081	495D-116-280	NEW-F	92-15-081	495D-140-060	NEW-P	92-12-049
495D-104-020	NEW	92-15-081	495D-120-010	NEW-P	92-12-049	495D-140-060	NEW	92-15-081
495D-104-030	NEW-P	92-12-049	495D-120-010	NEW	92-15-081	495D-140-070	NEW-P	92-12-049
495D-104-030	NEW	92-15-081	495D-120-020	NEW-P	92-12-049	495D-140-070	NEW	92-15-081
495D-108-010	NEW-P	92-12-049	495D-120-020	NEW	92-15-081	495D-140-080	NEW-P	92-12-049
495D-108-010	NEW D	92-15-081 92-12-049	495D-120-030 495D-120-030	NEW-P NEW	92-12-049 92-15-081	495D-140-080 495D-140-090	NEW NEW-P	92-15-081 92-12-049
495D-108-020 495D-108-020	NEW-P NEW	92-12-049 92-15-081	495D-120-030 495D-120-040	NEW-P	92-13-081	495D-140-090 495D-140-090	NEW-F	92-12-049
495D-108-030	NEW-P	92-13-081	495D-120-040	NEW	92-15-081	495D-140-100	NEW-P	92-12-049
495D-108-030	NEW	92-15-081	495D-120-045	NEW-P	92-12-049	495D-140-100	NEW	92-15-081
495D-108-040	NEW-P	92-12-049	495D-120-045	NEW	92-15-081	495D-140-110	NEW-P	92-12-049
495D-108-040	NEW	92-15-081	l 495D-120-050	NEW-P	92-12-049	l 495D-140-110	NEW	92-15-081
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Table

WAC#		WSR #	WAC#		WSR #	WAC#	WSR
495D-168-010	NEW-P	92-12-049	495D-300-030	NEW	92-15-081		
195D-168-010	NEW	92-15-081	495D-300-040	NEW-P	92-12-049	ł	
195D-168-020	NEW-P	92-12-049	495D-300-040	NEW	92-15-081	[	
195D-168-020	NEW	92-15-081	495D-325-010	NEW-P	92-12-049	ł	
195D-168-030	NEW-P	92-12-049	495D-325-010	NEW	92-15-081		
195D-168-030	NEW	92-15-081	508-12-280	REP-P	92-06-091		
195D-168-040	NEW-P	92-12-049	508-12-280	REP	92-12-055		
195D-168-040	NEW	92-15-081	508-12-290	REP-P	92-06-091	i .	
195D-168-050	NEW-P	92-12-049	508-12-290	REP	92-12-055	1 "'	
195D-168-050	NEW D	92-15-081	508-12-300	REP-P	92-06-091		
495D-168-060 495D-168-060	NEW-P NEW	92-12-049 92-15-081	508-12-300 508-12-310	REP REP-P	92-12-055 92-06-091		
495D-108-000 495D-276-010	NEW-P	92-13-061	508-12-310	REP	92-12-055		
195D-276-010	NEW-P	92-12-049	508-12-320	REP-P	92-12-033	1	
495D-276-020	NEW-P	92-13-061	508-12-320	REP	92-12-055		
495D-276-020	NEW	92-15-081	508-12-330	REP-P	92-06-091	Ť	
195D-276-030	NEW-P	92-12-049	508-12-330	REP	92-12-055	1	
195D-276-030	NEW	92-15-081	508-12-340	REP-P	92-06-091		
195D-276-040	NEW-P	92-12-049	508-12-340	REP	92-12-055	<b>.</b>	
195D-276-040	NEW	92-15-081	508-12-350	REP-P	92-06-091	1	
195D-276-050	NEW-P	92-12-049	508-12-350	REP	92-12-055		
195D-276-050	NEW	92-15-081	508-12-360	REP-P	92-06-091		
495D-276-060	NEW-P	92-12-049	508-12-360	REP	92-12-055	İ	
495D-276-060	NEW	92-15-081	508-12-370	REP-P	92-06-091	1	
495D-276-070 495D-276-070	NEW-P	92-12-049	508-12-370	REP	92-12-055		
195D-276-070 195D-276-080	NEW NEW-P	92-15-081	508-12-380	REP-P REP	92-06-091	1	
495D-276-080 495D-276-080	NEW-P	92-12-049 92-15-081	508-12-380 516-12-400	AMD	92-12-055 92-06-068		
495D-276-080 495D-276-090	NEW-P	92-13-081	516-12-430	AMD	92-06-068		
195D-276-090	NEW	92-15-081	516-13-080	AMD	92-06-068		
195D-276-100	NEW-P	92-12-049	516-13-090	NEW	92-06-068		
95D-276-100	NEW	92-15-081				<b>†</b>	
95D-276-110	NEW-P	92-12-049					
95D-276-110	NEW	92-15-081					
95D-276-120	NEW-P	92-12-049				İ	
95D-276-120	NEW	92-15-081				1	
195D-276-130	NEW-P	92-12-049				1	
95D-276-130	NEW D	92-15-081 92-12-049				1	
195D-276-140 195D-276-140	NEW-P NEW	92-12-049				1	
195D-280-010	NEW-P	92-13-031			•	1	
95D-280-010	NEW	92-15-081					
195D-280-015	NEW-P	92-12-049				ł	
95D-280-015	NEW	92-15-081					
95D-280-020	NEW-P	92-12-049					
95D-280-020	NEW	92-15-081				[	
95D-280-030	NEW-P	92-12-049					
95D-280-030	NEW	92-15-081				<b>†</b>	
95D-280-040	NEW-P	92-12-049					
95D-280-040	NEW	92-15-081					
95D-280-050 95D-280-050	NEW-P NEW	92-12-049					
95D-280-050 95D-280-060	NEW-P	92-15-081 92-12-049					
95D-280-060	NEW-F	92-12-049					
95D-280-000	NEW-P	92-13-081	ļ				
95D-280-070	NEW	92-15-081					
95D-280-080	NEW-P	92-12-049				İ	
95D-280-080	NEW	92-15-081				1	
95D-280-090	NEW-P	92-12-049					
95D-280-090	NEW	92-15-081	ĺ			1	
95D-280-100	NEW-P	92-12-049				1	
95D-280-100	NEW	92-15-081				1	
195D-280-110	NEW-P	92-12-049					
195D-280-110	NEW	92-15-081					
195D-280-120	NEW-P	92-12-049					
495D-280-120	NEW D	92-15-081					
195D-300-010 195D-300-010	NEW-P NEW	92-12-049					
195D-300-010 195D-300-015	NEW NEW-P	92-15-081 92-12-049					
195D-300-015	NEW-P NEW	92-12-049 92-15-081					
195D-300-013	NEW-P	92-13-081					
95D-300-020	NEW	92-15-081					
195D-300-030	NEW-P	92-12-049	1			1	

Table

ACCOUNTANCY, BOARD OF	DD OD	00 17 005	marketing order		92-14-117
CPA examination Definitions	PROP PROP	92-17-085	Tree and about the decomposition	PROP	92-17-042
Experience requirement for license	PROP	92-17-083 92-03-062	Fees and charges for department services		92-03-104
Fees	PROP	92-03-062			92-07-023 92-11-073
Meetings	PROP	92-17-084			92-11-073
Officers	PROP	92-17-084	Food distributors		92-13-040
			licenses		92-07-070
AGRICULTURE, DEPARTMENT OF			Food processors		
Alfalfa			licenses		92-07-070
certification		92-09-150			92-15-060
		92-13-027			92-15-061
Animal importation	DDOD	00 10 000	- · ·	PERM	92-19-044
regulations Annual bluegrass quarantine	PROP	92-18-062	Fruits and vegetables		
Annual bluegrass quarantine		92-09-150 92-13-027	movement from production area		02 01 121
Apparatus display signs		92-13-027	inspection requirements		92-01-121 92-06-085
Apparatus dispiny signs		92-15-001	small quantities sold through fruit stands		92-00-063
Apple advertising commission		)2 13 00.	and farmers' markets		
meetings		92-01-024	inspection requirements,		
Apples			exemption		92-13-064
apple ermine moth quarantine		92-02-071	•		92-15-117
		92-06-024		PERM	92-18-103
apple maggot survey and detection program			Fryer commission		
funds		92-02-069	meetings		92-06-026
		92-04-032	Grain and commodity inspection points		92-11-073
and atandards		92-06-022 92-11-074	C		92-15-046
grade standards		92-11-074 92-15-056	Grass certification		92-09-150
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Aquate and wettane weed quarantine		92-07-024	sod quality standards		92-09-150
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