



**RULE-MAKING ORDER**  
(RCW 34.05.360)

**CR-103** (10/1/89)

Agency: State Building Code Council

Permanent Rule  
 Emergency Rule

(1) Date of adoption: November 8, 1991

(2) Purpose:  
To adopt guidelines for building code exemptions for housing for indigent persons.

(3) Citation of existing rules affected by this order:  
Repealed: WAC 51-16-040, 51-16-050, 51-16-060, 51-16-070, 51-16-100  
Amended: WAC 51-16-010, 51-16-020, 51-16-030, 51-16-080  
Suspended:

(4) Authority for adoption: 19.27.074  
Statute: Chapter 19.27. RCW  
Other Authority: Chapter 139, Session Laws of 1991.

(5.1) **PERMANENT RULE ONLY**  
Pursuant to notice filed as WSR 91-20-174 on October 2, 1991 (date).  
Describe any changes other than editing from proposed to adopted version:

(5.2) **EMERGENCY RULE ONLY**  
Pursuant to RCW 34.05.350 the agency for good cause finds:  
 (a) 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.  
 (b) 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:

(5.3) Any other findings required by other provisions of law as precondition to adoption or effectiveness of rule?  
 Yes  No If yes, explain:

(6) Effective date of rule:  
**Permanent Rules**                      **Emergency Rules**  
 31 days after filing                       Immediately  
 Other (specify) July 1, 1992                       Later (specify) \_\_\_\_\_  
\*(If less than 31 days after filing, specific finding in 5.3 under RCW 34.05.380(3) is required)

**CODE REVISER USE ONLY**  
CODE REVISER'S OFFICE  
STATE OF WASHINGTON  
FILED  
DEC 13 1991  
TIME: 11:16  
WSR 92-01-069

NAME (TYPE OR PRINT)  
Gene J. Colin  
SIGNATURE  
*[Signature]*  
TITLE  
Chair  
DATE  
11/8/91

## Chapter 51-16 WAC

STATE BUILDING CODE ((UPDATE-AND-AMENDMENT--ADOPTION-OF-THE-1988 EDITIONS-OF-THE-UNIFORM-CODES)) GUIDELINES

AMENDATORY SECTION (Amending Order 88-11, filed 12/1/88, effective 7/1/89)

WAC 51-16-010 AUTHORITY. These ((rules)) guidelines are adopted under the authority of chapter 19.27 RCW.

AMENDATORY SECTION (Amending Order 88-11, filed 12/1/88, effective 7/1/89)

WAC 51-16-020 PURPOSE. The purpose of these ((rules--is-to implement-the-provisions-of-chapter-19.27-RCW,-which-provides-that-the state-building-code-council-shall-maintain-the-State-Building-Code--in a--status--which--is--consistent--with-the-purpose-as-set-forth-in-RCW 19.27.020,-in-maintaining--the--codes--the--council--shall--regularly review--updated-versions-of-the-codes-adopted-under-the-act,-and-other pertinent-information,-and-shall-amend-the-codes-as-deemed-appropriate by-the-council)) guidelines is to provide local governments with amendatory language for specific applications. The guidelines are not required to be adopted and enforced by local governments.

AMENDATORY SECTION (Amending WSR 91-01-117, filed 12/19/90, effective 7/1/91)

WAC 51-16-030 ((UNIFORM-BUILDING-CODE-AND-UNIFORM-BUILDING--CODE STANDARDS)) EXEMPTIONS FOR INDIGENT HOUSING GUIDELINES. ((The-1988 edition-of-the-Uniform-Building-Code,-and-the-1988-edition-of-the-Uniform-Building-Code-Standards-as-published-by-the-International-Conference-of--Building--Officials--and--available--from--the--International Conference-of--Building--Officials,-5360--South--Workman--Mill-Road, Whittier,-California-90601-are-hereby-adopted-by--reference--with--the following-additions,-deletions-and-exceptions:

400--The-following-amendments-are-adopted-to-IBC-chapter-4:

Sec-404--Add-the-following-definitions:

CHILD-DAY-CARE,--shall,--for-the-purposes-of-these-regulations, mean-the-care-of-children-during-any-period-of-a-24-hour-day,

CHILD-DAY-CARE--HOME,--FAMILY--is--a--child--day--care--facility, licensed--by--the--state,-located-in-the-family-abode-of-the-person-or persons-under-whose-direct-care-and-supervision-the-child--is--placed, for--the--care--of--twelve--or--fewer-children,-including-children-who reside-at-the-home,

Sec-407--Add-the-following-definitions:

FAMILY-ABODE-means-a-single-dwelling-unit-and-accessory-buildings occupied-for-living-purposes-by-a-family-which-provides-permanent-provisions-for-living,-sleeping,-eating,-cooking,-and-sanitation.

Sec. 409. -- Revise the definition of health hazard as follows:

Health hazard is a classification of a chemical for which there is statistically significant evidence based on at least one reproducible study conducted in accordance with established scientific principles that acute health effects may occur in exposed persons. The term "health hazard" includes chemicals which are toxic or highly toxic agents, irritants, corrosives, hepatotoxins, nephrotoxins, neurotoxins, agents which can have an acute effect on the hematopoietic system, and agents that have acute effects on the lungs, skin, eyes or mucous membranes.

Sec. 414. -- Add the following definition:

MULTIFAMILY RESIDENTIAL BUILDING is a common wall dwelling or apartment house that consists of four or fewer dwelling units that do not exceed two stories in height and that are less than five thousand square feet in total area.

Sec. 420. -- Add the following definition:

SINGLE FAMILY RESIDENTIAL BUILDING is a dwelling containing only one dwelling unit.

800. -- The following amendments are adopted to UBC chapter 8:

Sec. 801. -- Revise the definition of "Division 3" and add an exception as follows:

Division 3. -- Any building or portion thereof used for day care purposes for more than six children.

Exception: -- Family child day care homes shall be considered Group R Division 3 Occupancies.

For occupancy separation see Table No. 5-B.

Sec. 802 (c). -- Revise as follows:

(c) Special provisions. -- Rooms in Division 1 and 2 Occupancies used for kindergarten, first or second grade pupils and Division 3 Occupancies shall not be located above or below the first story.

EXCEPTION: -- 1. -- Rooms on floors which have exits to the exterior of the building which require no more than 4 feet of vertical travel from the floor level to the level of the exterior finished surface of the ground, paving or sidewalk.

2. -- In buildings equipped with an automatic sprinkler system throughout, rooms used for kindergarten, first and second grade children or for day care purposes may be located on the second story, provided there are at least two exits directly into separate exiting systems as defined in Section 3319(a).

3. -- Division 3 Occupancies located above the second story, shall be in buildings equipped with an automatic sprinkler system throughout and of Type I or Type II fire resistive construction when:

A. -- Division 3 Occupancies above the fourth floor shall not have more than 12 children per floor; and,

B. -- The entire story on which the day care facility is located is equipped with an approved fire alarm and smoke detection system as set forth in the Fire Code. Actuation of the system shall sound an alarm audible throughout the entire story; and,

C. The day-care facility is divided into not less than two areas of approximately the same size, separated from each other by not less than one-hour fire-resistive construction. Openings between the two areas shall be protected by an automatic-closing smoke and draft control assembly, having a fire-protection rating of not less than 20 minutes, which will close automatically upon actuation of the fire alarm or detection systems; and,

D. Each separated area is provided with air-moving equipment independent of that serving the other; and,

E. Each separated area has not less than two exits, one of which is permitted to be through the adjoining separated area; and,

F. The exits from the Division 3 Occupancy shall be into separate exiting systems as defined in Section 3319.

Balance of section to remain unchanged.

900. The following amendments are adopted to UBC chapter 9.

Sec. 901(a). Revise as follows:

Sec. 901(a) General. For definitions, identification and control of hazardous materials, display of nonflammable solid and nonflammable or noncombustible liquid hazardous materials in Group B, Division 2 Occupancies used for retail sales, and storage and use of Class 3 solid and liquid oxidizers in Groups I, M and R Occupancies, see the Fire Code. For application and use of control areas, see Footnote 1 of Tables Nos. 9-A and 9-B. The primary use of a building will be considered as a Group H, Division 1, 2, or 3 or 7 Occupancy when its primary use is for storage, and the aggregate quantity of hazardous materials in the building is in excess of Tables Nos. 9-A or 9-B. Group H Occupancies shall be:

Sec. 901(a). Division 2.6. Revise Exception as follows:

EXCEPTIONS: 1. Rooms or areas used for woodworking where no more than three fixed in-place woodworking appliances are utilized may be classified as a Group B, Division 2 Occupancy, provided the appliances are equipped with dust collectors sufficient to remove dust generated by the appliance.

Sec. 901(a). Division 7. Revise as follows:

Occupancies having quantities of materials in excess of those listed in Table No. 9-B that are health hazards, including but not limited to:

1. Corrosives.
2. Highly toxic materials.
3. Irritants.

Sec. 901(f). Revise as follows:

EXCEPTION: When an HMMP is required, the applicant may submit the report(s) used for compliance with requirements of 40 CFR "Hazardous Chemical Reporting and Community Right to Know Regulations" under Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA).

Sec. 902(g). Revise as follows:

(g) Standby power. A standby power system shall be provided for required mechanical exhaust ventilation, treatment, temperature control, liquid level limit control, pressure control, alarm, and detection or other required electrically operated systems in Group H,



Divisions 1, 2 and 3 Occupancies, and in Group H, Division 7 Occupancies in which there is use or storage of corrosives, highly toxic solids and liquids, irritants, sensitizers or other health hazard materials. For required systems, see the Fire Code. The standby power system shall be designed and installed in accordance with the Electrical Code to automatically supply power to all electrical equipment required by the Fire Code when the normal electrical supply system is interrupted.

Sec. 902(h).--Revise as follows:

(h) Emergency power.--An emergency power system shall be provided for required mechanical exhaust ventilation, treatment, temperature control, liquid level limit control, pressure control, alarm and detection or other required electrically operated systems in Group H, Division 6 Occupancies, and in Group H, Division 7 Occupancies in which highly toxic or toxic gases are stored or used. For required systems, see the Fire Code. The emergency power system shall be designed and installed in accordance with the Electrical Code to automatically supply power to the exhaust ventilation system when the normal electrical supply system is interrupted.

Sec. 902(k).--Delete exception.

Sec. 903.--Revise first paragraph as follows:

Group H Occupancies shall be located on property in accordance with Section 504, Tables Nos. 9-C and 9-D and other provisions of this chapter. In Group H, Division 2 or Division 3 Occupancies, not less than 25 percent of the perimeter wall of the occupancy shall be an exterior wall.

Sec. 904(b).--Revise first paragraph as follows:

(b) Ventilation in Hazardous Locations.--Areas or spaces in which explosive, corrosive, combustible, flammable or highly toxic dusts, mists, fumes, vapors or gases are or may be emitted due to the processing, use, handling or storage of materials shall be mechanically ventilated as required by the Fire Code and the Mechanical Code.

Sec. 906.--Revise title as follows:

Shaft and exit enclosures

Sec. 906.--Add a new paragraph as follows:

In buildings with Group H, Division 6 Occupancies, a fabrication area may have mechanical, duct and piping penetrations which extend through not more than two floors within that fabrication area. The annular space around penetrations for cables, cable trays, tubing, piping, conduit or ducts shall be sealed at the floor level to restrict the movement of air. The fabrication area, including the areas through which the ductwork and piping extend, shall be considered a single conditioned environment.

Sec. 908.--Revise paragraph 5 as follows:

Combustible fiber storage rooms with a fiber storage capacity not exceeding 500 cubic feet, shall be separated from the remainder of the building by a one-hour fire resistive occupancy separation. Combustible fiber storage vaults having a fiber storage capacity of more than 500 cubic feet, shall be separated from the remainder of the building by a two-hour fire resistive occupancy separation.

Sec. 909.--Revise as follows:

Sec. 909. An approved fire alarm system shall be installed in Group H Occupancies as specified in the Fire Code.

Sec. 910. Revise first paragraph as follows:

Explosion control

Sec. 910. Explosion control; equivalent protective devices; suppression systems or barricades shall be provided to control or vent the gases resulting from deflagrations of dusts, gases or mists in rooms, buildings or other enclosures as required by the Fire Code so as to minimize structural or mechanical damage. If detonation rather than deflagration is considered likely, protective devices or systems such as fully contained barricades shall be provided, except that explosion venting to minimize damage from less than 2.9 grams of TNT (equivalence) is permitted. Walls, floors and roofs separating a use from an explosion exposure shall be designed to resist a minimum internal pressure of 100 pounds per square foot in addition to the loads required by Chapter 23.

Sec. 911 (f) 1. Revise as follows:

(f) Piping and tubing, 1. General. HPM piping and tubing shall comply with this subsection and shall be installed in accordance with nationally recognized standards. Piping and tubing systems shall be metallic unless the material being transported is incompatible with such system. Systems supplying gaseous HPM having a health hazard ranking of 3 or 4 shall be welded throughout, except for connections, valves and fittings, to the systems which are within a ventilated enclosure. HPM supply piping or tubing in service corridors shall be exposed to view.

Table No. 9-A. Revise as follows:

Delete all (dash marks) in the columns and replace with N.A. Add a reference at the end of the table before "N.L." as follows: N.A. = Not Applicable.

Table No. 9-A. Revise Footnote No. 5 as follows:

5. Quantities may be increased 100 percent when stored in approved storage cabinets, gas cabinets, fume hoods, exhausted enclosures or safety cans as specified in the Fire Code. When Footnote No. 4 also applies, the increase for both footnotes may be applied.

Table No. 9-A. Add new Footnotes Nos. 11 and 12 as follows:

Solid ----- Liquid  
Lbs.<sup>11</sup> and Gallons<sup>12</sup>

11. The aggregate quantity of nonflammable solid and nonflammable or noncombustible liquid hazardous materials within a single control area of a Group B, Division 2 Occupancies used for retail sales may exceed the exempt amounts when such areas are in compliance with the Fire Code.

Oxidizer, Class 3<sup>12</sup>

12. A maximum quantity of 200 pounds of solid or 20 gallons of liquid Class 3 oxidizers may be permitted in Groups I, M and R Occupancies when such materials are necessary for maintenance purposes or operation of equipment. See the Fire Code.

Table No. 9-B. Revise as follows:

Delete all (dash marks) in the right hand column and replace with 0 (zeros).

Table No. 9-B. Revise Footnote No. 6 as follows:

6--Quantities--may--be--increased--100-percent--when--stored--in--approved--storage--cabinets,--gas--cabinets,--fume--hoods,--exhausted--enclosures--or--safety--cans--as--specified--in--the--Fire--Code. When--Footnote--No. 5--also--applies,--the--increase--for--both--footnotes--may--be--applied.

Under HSE<sup>3</sup>--CLOSED--SYSTEMS--Gas,--add--Footnote--No. 6--to--all--items,--except--for--Highly--Toxic.

Table--No. 9-B. Add--a--new--Footnote--No. 9--as--follows:

Solid-----Liquid  
(lbs) 45, 90--and--Gallons 45, 90

9--The--aggregate--quantity--of--nonflammable--solid--and--nonflammable--or--noncombustible--liquid--health--hazard--materials--within--a--single--control--area--of--a--Group--B,--Division--2--Occupancies--used--for--retail--sales--may--exceed--the--exempt--amounts--when--such--areas--are--in--compliance--with--the--Fire--Code.

Table--No. 9-C. Revise--as--follows:

OCCUPANCY GROUP	MINIMUM DISTANCE FROM PROPERTY LINE <sup>1</sup>	FIRE RESISTANCE OF EXTERIOR WALLS	OPENINGS IN EXTERIOR WALLS <sup>2</sup>
H-2-3 Not in a detached building	When area does not exceed 1,000 sq. ft.	4 hours less than 5 feet, 2 hours less than 10 feet, 1 hour less than 20 feet	Not permitted less than 5 feet, protected less than 20 feet
H-2-3 Not in a detached building	30 feet when the area exceeds 1,000 sq. ft. <sup>2</sup>	No requirement based on location <sup>2</sup>	No requirement based on location <sup>2</sup>

Sec. 913. Add--the--following--section.

Sec. 913. The amendments, revisions and changes to Chapter 9 of the Uniform Building Code which are contained in the 1989 Supplement to the Uniform Building Code are hereby adopted.

1200. The following amendments are adopted to UBC chapter 12.

Sec. 1201. Amend Division 3 as follows:

Division 3--Dwellings,--family--child--day--care--homes--and--lodging--houses.

Sec. 1204. Revise--as--follows:

Sec. 1204. Stairs,--exits--and--smokeproof--enclosures--shall--be--as--specified--in--Chapter--33.

Exception:--Only--one--exit--door--from--a--family--child--day--care--home--need--comply--with--the--requirements--of--Section--3304(b).

For family child day care homes with more than six children, each floor level used for family child day care purposes shall be served by two remote exits. Outside exit doors shall be operable from the inside without the use of keys or any special knowledge or effort.

Basements located more than four feet below grade level shall not be used for family child day care homes unless one of the following conditions exist:

(a) Exit stairways from the basement open directly to the exterior of the building without entering the first floor; or

(b) One of the two required exits discharges directly to the exterior from the basement level, and a self-closing door is installed at the top or bottom of the interior stair leading to the floor above; or

(c) One of the two required exits is an operable window or door, approved for emergency escape or rescue, that opens directly to a public street, public alley, yard or exit court is provided; or



(d) A residential sprinkler system is provided throughout the entire building in accordance with National Fire Protection Association Standard 13d.

Floors located more than four feet above grade level shall not be occupied by children in family child day care homes.

Exceptions: 1. Use of toilet facilities while under supervision of an adult staff person.

2. Family child day care homes may be allowed on the second story if one of the following conditions exist:

(a) Exit stairways from the second story open directly to the exterior of the building without entering the first floor; or

(b) One of the two required exits discharges directly to the exterior from the second story level; and a self-closing door is installed at the top or bottom of the interior stair leading to the floor below; or

(c) A residential sprinkler system is provided throughout the entire building in accordance with National Fire Protection Association Standard 13d.

Every sleeping or napping room in a family child day care home shall have at least one operable window for emergency rescue.

Exception: Sleeping or napping rooms having doors leading to two separate exits ways, or a door leading directly to the exterior of the building.

Basements in dwelling units and every sleeping room below the fourth story shall have at least one operable window or door approved for emergency escape or rescue which shall open directly into a public street, public alley, yard or exit court. The units shall be operable from the inside to provide a full clear opening without the use of separate tools.

All escape or rescue windows shall have a minimum net clear openable area of 5.7 square feet. The minimum net clear openable height dimension shall be 24 inches. The minimum net clear openable width dimension shall be 20 inches. When windows are provided as a means of escape or rescue they shall have a finished sill height not more than 44 inches above the floor.

Bars, grilles, grates or similar devices may be installed on an emergency escape or rescue windows or doors, provided:

1. Such devices are equipped with approved release mechanisms which are operable from the inside without the use of a key or special knowledge or effort; and

2. The building is equipped with smoke detectors installed in accordance with Section 1210.

Sec. 1210. Revise as follows:

Sec. 1210. (a) Smoke detectors: 1. General. Dwelling units and hotel or lodging house guest rooms that are used for sleeping purposes shall be provided with operable smoke detectors. Detectors shall be installed in accordance with the approved manufacturer's instructions.

2. Additions, alterations or repairs to Group R Occupancies. When the valuation of an addition, alteration or repair to a Group R Occupancy exceeds \$1,000.00 and a permit is required, or when one or



more sleeping rooms are added or created in existing Group R occupancies, smoke detectors shall be installed in accordance with Subsections 3, 4 and 5 of this section.

3. Power source. In new construction, required smoke detectors shall receive their primary power from the building wiring when such wiring is served from a commercial source. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. Smoke detectors may be battery operated when installed in existing buildings or in buildings without commercial power, or in buildings which undergo alterations, repairs or additions regulated by Subsection 2 of this section.

4. Location within dwelling units. In dwelling units detectors shall be mounted on the ceiling or wall at a point centrally located in the corridor or area giving access to each separate sleeping area. When the dwelling unit has more than one story and in dwellings with basements, a detector shall be installed on each story and in the basements. In dwelling units where a story or basement is split into two or more levels, the smoke detector shall be installed in the upper level, except that when the lower level contains a sleeping area, a detector shall be located on each level. When sleeping rooms are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway. In dwelling units where the ceiling height of a room open to the hallway serving the bedrooms exceeds that of the hallway by 24 inches or more, smoke detectors shall be installed in the hallway and the adjacent room. Detectors shall sound an alarm audible in all sleeping areas of the dwelling unit, in which they are located.

5. Location in efficiency dwelling units and hotels. In efficiency dwelling units, hotel suites and in hotel sleeping rooms, detectors shall be located on the ceiling or wall of the main room or hotel sleeping rooms. When sleeping rooms within an efficiency dwelling unit or hotel suite are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway. When actuated, the detector shall sound an alarm audible within the sleeping area of the dwelling unit, hotel suite or sleeping room in which it is located.

6. Location within family child day care homes. In family child day care homes operable detectors shall be located in all sleeping and napping areas. When the family child day care home has more than one story, and in family child day care homes with basements, an operable detector shall be installed on each story and in the basements. In family child day care homes where a story or basement is split into two or more levels, the smoke detector shall be installed in the upper level, except that when the lower level contains a sleeping or napping area, an operable detector shall be located on each level. When sleeping rooms are on an upper level, the detector shall be placed at the ceiling of the upper level in close proximity to the stairway. In family child day care homes where the ceiling height of a room open to the hallway serving the bedrooms exceeds that of the hallway by 24 inches or more, smoke detectors shall be installed in the hallway and the adjacent room. Detectors shall sound an alarm audible in all areas of the building.

Balance of section to remain unchanged.

Sec. 1213. Add the following paragraph and exceptions:

Rooms or spaces containing a commercial type cooking kitchen, boiler, maintenance shop, janitor closet, laundry, woodworking shop, flammable or combustible storage, or painting operation shall be separated from the family child day care area by at least one-hour fire-resistive construction.

EXCEPTION:--A fire-resistive separation shall not be required where the food preparation kitchen contains only a domestic cooking range, and the preparation of food does not result in the production of smoke or grease-laden vapors.

2300. The following amendments are adopted to UBC chapter 23.

Section 2312(h)-2. I. Diaphragms. Revise subsection (iv) as follows:

(iv) Where wood diaphragms are used to laterally support concrete or masonry walls, the anchorage shall conform to Section 2312(h)-2. H. above. In Seismic Zones Nos. 1, 2, 3 and 4 anchorage shall not be accomplished by use of toe nails or nails subject to withdrawal, nor shall wood ledgers or framing be used in cross-grain bending or cross-grain tension, and the continuous ties required by paragraph (iii) above shall be in addition to the diaphragm sheathing.

2700. The following amendments are adopted to UBC chapter 27.

Sec. 2722(f)-6. Revise item 1 of the exception as follows:

EXCEPTION:--This requirement need not apply in any of the following cases, provided the compactness limitations for beams given in Section 2722(f)-4 shall apply to columns as well:

1. For columns with  $f_a$  less than  $0.4F_y$  for all load combinations, except for loads specified in Section 2722(d)-1. Such columns shall have allowable stresses reduced 25 percent when one end frames into a joint not complying with Formula 22-3, and 50 percent when both ends frame into joints not complying with Formula 22-3.

Sec. 2722(f)-7. Revise as follows:

7. Trusses in SMRSF. Trusses may be used as horizontal members in SMRSF if the sum of the truss seismic force flexural strength exceeds the sum of the column seismic force flexural strength immediately above and below the truss by a factor of at least 1.25. For this determination the strengths of the members shall be reduced by the gravity load effects. In buildings of more than one story, the column axial stress shall not exceed  $0.4F_y$  and the ratio of the unbraced column height to the least radius of gyration shall not exceed 60. Columns shall have allowable stresses reduced 25 percent when one end frames into a truss, and 50 percent when both ends frame into trusses. The connection of the truss chords to the column shall develop the lesser of the following:

A. The strength of the truss chord.

B. The chord force necessary to develop 125 percent of the flexural strength of the column.

3800. The following amendments are adopted to UBC chapter 38.

Sec. 3801. Add the following subsection (e):

(e) When sprinklers are installed in an insulated ceiling cavity not meeting exceptions of UBC Standard 38-1 or where blocked by ducts or other similar obstructions, a space 6 inches or greater in depth with not less than 12 inches clearance from ducts or other similar obstructions shall be provided under all sprinklers.

Section-3002(h)--Revise-as-follows:

{h)--Group-R-Division-1-Occupancies--An-automatic-sprinkler system-shall-be-installed-throughout-every-apartment-house three-or-more-stories-in-height-or-containing-more-than-15 dwelling-units-and-every-hotel--three-or-more-stories--in height-or-containing-20-or-more-guest-rooms--Residential-or quick-response-standard-sprinkler-heads-shall-be-used-in-the dwelling-unit-and-guest-room-portions-of-the-building--The sprinkler-system-shall-comply-with-the-requirements-of Washington-State-Building-Code-Standard-No.-30-3W.

5100--The-following-amendments-are-adopted-to-UBC-chapter-51.

Sec.-5103--Delete-entire-section.

Sec.-5105--Revise-as-follows:

Elevator-Machine-Room-Floors

Section--5105--Elevator--hoistways--shall--not--be--vented through-an-elevator-machine-room-unless--such--venting--is accomplished--by--an--approved-duct-system-installed-through the-elevator-machine-room--Cable-slots-entering-the-machine room-shall-be-sleeved-beneath-the-machine-room-floor--and extend--to--not-less-than-12-inches-below-the-shaft-vent-to must-be-installed-in-a-manner-that-inhibits-the-passage--of smoke-into-the-machine-room.

3000--The--following-amendments-are-adopted-to-chapter-30-of-the UBC-Standards:

Sec.-30-3W--Add-the-following-new-standard-No.-30-3W.

WASHINGTON-STATE-BUILDING-CODE-STANDARD  
NO.-30-3W

INSTALLATION-OF-SPRINKLER-SYSTEMS-IN  
RESIDENTIAL-OCCUPANCIES

Sec.-30.301W--Except-for-the-limitations--deletions--modifications-or-amendments-set-forth-in-Section-30.302W-of-this-standard--the installation--of--sprinkler-systems-in-residential-occupancies-of-four stories-or-less-when-required-by-the-Uniform-Building-Code-shall-be-in accordance-with-the-"Standard-for-the-Installation-of--Sprinkler--Systems--in--Residential--Occupancies--NFPA--13R-1988"--published-by-the National-Fire-Protection-Association--copyright--1988--Batterymarch Park--Quincy--Massachusetts-02269--as-if-set-out-at-length-herein.

Sec.--30.302W--The-National-Fire-Protection-Association-standard adopted-by-section-30.301W-applies--to--the--selection--installation--inspection--maintenance-and-testing-of-residential-sprinkler-systems--except-as-follows:

1--Table-1-5.1-is-amended-to-read-as-follows:

Table-1-5.1

Materials-and-Dimensions-----Standard

Spec.-for-Black-and-Hot-Dipped-Zinc  
Coated-(Galvanized)-Welded-and  
Seamless-Steel-Pipe-for-Fire  
Protection-Use-----ASTM-A795

Specification-for-Welded-and  
Seamless-Steel-Pipe-----ASTM-A53



Table 1-5.1

Materials and Dimensions	Standard
Wrought Steel Pipe	ANSI-B36.10
Specification for Electric Resistance Welded Steel Pipe	ASTM-A135
Copper Tube (Drawn, Seamless) Specification for Seamless Copper Tube	ASTM-B88
Specification for General Requirements for Wrought Seamless Copper and Copper Alloy Tube	ASTM-B251
Brazing Filler Metal (Classification BCuP-3 or BCuP-4)	AWS-A5.8
Specification for Solder Metal, -9-5 (Tin-Antimony Grade-95TA)	ASTM-B32
Specifications for CPVC Pipe	ASTM-F437 ASTM-F438 ASTM-F439 ASTM-F442
Specification for Polybutylene Tube	ASTM-D-3309

2. Table 1-5.5 is amended to read as follows:

Table 1-5.5

Materials and Dimensions	Standard
Cast Iron --Cast Iron Threaded Fittings --Class 125 and 250	ANSI-B16.4
Cast Iron Pipe Flanges and --Flanged Fittings	ANSI-B16.1
Malleable Iron --Malleable Iron Threaded Fittings --Class 150 and 300	ANSI-B16.3
Steel --Factory-made Threaded Fittings --Class 150 and 300	ANSI-B16.9
Buttwelding ends for Pipe, Valves --Flanges and Fittings	ANSI-B16.25
Spec. for Piping Fittings of Wrought --Carbon Steel and Alloy Steel for --Moderate and Elevated Temperatures	ASTM-A234
Pipe Flanges and Flanged Fittings, --Steel-Nickel Alloy and Other --Special Alloys	ANSI-B16.5
Forged Steel Fittings, Socket --Welded and Threaded	ANSI-B16.11
Copper --Wrought Copper and Copper Alloy --Solder Joint Pressure Fittings	ANSI-B16.22

Table-1-5.5

Materials-and-Dimensions-----Standard

East-Copper-Alloy-Solder-joint	
--Pressure-fittings-----	ANSI-B16.18
Plastic-Fittings-for-CPVC-Pipe-----	ASTM-F437
-----	ASTM-F438
-----	ASTM-F439
-----	ASTM-F442
Plastic-Fittings-for-Polybutylene-tube-----	ASTM-D-3309))

Cities and counties are permitted the option of adopting exemptions from the state building code requirements for buildings whose character of use or occupancy has been changed in order to provide housing for indigent persons. The adoption of an ordinance or resolution by cities and counties for the purpose to provide for occupancy exemptions for indigent housing as outlined in this section, shall not be considered a local government residential amendment requiring approval by the state building code council.

The guideline shall read as follows:

The character of use or occupancy of an existing building located in this state, may be changed in order to provide housing for indigent persons, without conforming to all of the requirements of the State Building Code provided that:

1. The building official has reviewed and approved the proposed exemption; and,
2. The proposed housing for indigent persons is less hazardous than the existing use; and,
3. Any code deficiencies exempted pose no threat to human life, health, or safety; and,
4. The building or buildings exempted are owned or administered by a public agency or non-profit corporation; and,
5. The exemption is authorized for no more than five years, subject to renewal of the exemption by the building official.

AMENDATORY SECTION (Amending WSR 90-13-033, filed 6/13/90, effective 7/23/90)

WAC 51-16-080 PERMIT EXEMPTIONS GUIDELINE. Cities and counties are permitted the option of adopting a one thousand five hundred dollar building permit exemption for certain construction and alteration activities for Group R, Division 3 and Group M, Division 1 Occupancies. To adopt the permit exemption guideline, the following section of the ((1988)) 1991 Uniform Building Code shall be amended as follows:

- (1) Section 301 (b) of the Uniform Building Code shall be amended to read as follows:
  - (b) Exempted work. A building permit shall not be required for the following:
    1. One-story detached accessory buildings used as tool and storage sheds, playhouses and similar uses, provided the projected roof area does not exceed one hundred twenty square feet.
    2. Fences not over six feet high.
    3. Oil derricks.
    4. Movable cases, counters, and partitions not over five feet nine inches high.
    5. Retaining walls which are not over four feet in height measured from the bottom of the footing to the top of the wall, unless supporting a surcharge or impounding Class I, II, or III-A liquids.

6. Water tanks supported directly upon grade if the capacity does not exceed five thousand gallons and the ratio of height to diameter or width does not exceed two to one.

7. Platforms, walks, and driveways not more than thirty inches above grade and not over any basement or story below.

8. Painting, papering, and similar finish work.

9. Temporary motion picture, television, and theater stage sets and scenery.

10. Window awnings supported by an exterior wall of Group R, Division 3, and Group M Occupancies when projecting not more than fifty-four inches.

11. Prefabricated swimming pools accessory to a Group R, Division 3 Occupancy in which the pool walls are entirely above the adjacent grade and if the capacity does not exceed five thousand gallons.

12. Minor construction and alteration activities to Group R, Division 3 and Group M, Division 1 Occupancies, as determined by the building official, which the total valuation, as determined in Section 304 (b) or as documented by the applicant to the satisfaction of the building official, does not exceed one thousand five hundred dollars in any twelve-month period: PROVIDED, That the construction and/or alteration activity does not affect any structural components, or reduce existing egress, light, air, and ventilation conditions. This exemption does not include electrical, plumbing, or mechanical activities. The permit exemption shall not otherwise exempt the construction or alteration from the substantive standards of the codes enumerated in RCW 19.27.031, as amended and maintained by the state building code council under RCW 19.27.070.

Unless otherwise exempted, separate plumbing, electrical, and mechanical permits will be required for the above exempted items.

Exemption from the permit requirements of this code shall not be deemed to grant authorization for any work to be done in any manner in violation of the provisions of this code or any other laws or ordinances of this jurisdiction.

The adoption of an ordinance or resolution by cities and counties for the purpose to provide for a permit exemption as outlined in this section, shall not be considered a local government residential amendment requiring approval by the state building code council.

#### REPEALER

The following sections of the Washington Administrative Code are repealed:

WAC 51-16-040 UNIFORM MECHANICAL CODE.

WAC 51-16-050 UNIFORM FIRE CODE AND UNIFORM FIRE CODE STANDARDS.

WAC 51-16-060 UNIFORM PLUMBING CODE AND UNIFORM PLUMBING CODE STANDARDS.

WAC 51-16-070 EXCEPTIONS.

WAC 51-16-100 REVIEW OF CITY AND COUNTY AMENDMENTS PREVIOUSLY APPROVED BY THE COUNCIL.