



RULE-MAKING ORDER

CR-03 (June 2004)
(Implements RCW 34.05.360)

Agency: **State Building Code Council**

- Permanent Rule**
 Emergency Rule

Effective date of rule:

Permanent Rules

- 31 days after filing.
 Other (specify) July 1, 2006 (If less than 31 days after filing, a specific finding under RCW 34.05.380(3) is required and should be stated below)

Effective date of rule:

Emergency Rules

- Immediately upon filing.
 Later (specify) _____

Any other findings required by other provisions of law as precondition to adoption or effectiveness of rule?

- Yes No If Yes, explain:

Purpose: To amend the Washington State Amendments to the 2003 International Building Code and ICC A117.1-2003 *Accessible and Usable Buildings and Facilities*; to enact the requirements of Chapter 148 Laws of 2005 requiring automatic fire sprinklers in existing nightclubs; to clarify special inspection requirements for elevator shaft pressurization; provide an exception to allow manually operated sliding doors in spaces with an occupant load less than 10; deletes the requirement for elevator button labeling to conform with the ICC/ANSI A117.1; and requires that wired glass installed in hazardous locations meet the same safety requirements as other types of glass.

Citation of existing rules affected by this order:

Repealed:
 Amended: WAC 51-50, Sections 0200, 0903, 0909, 1008, 1101, and 2406.
 Suspended:

Statutory authority for adoption: RCW 19.27.020, 19.27.031 and 19.27.074

Other authority: RCW 19.27 and RCW 34.05

PERMANENT RULE ONLY (Including Expedited Rule Making)

Adopted under notice filed as WSR 05-17-009 on August 4, 2005 (date).

Describe any changes other than editing from proposed to adopted version: The definition of nightclub was amended to include clarification of the term "paid performing artists" and allows the fire code official to determine the occupant load for application of the automatic sprinkler requirement

If a preliminary cost-benefit analysis was prepared under RCW 34.05.328, a final cost-benefit analysis is available by contacting: N/A

Name: _____ phone () _____
 Address: _____ fax () _____
 e-mail _____

EMERGENCY RULE ONLY

Under 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.
 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:

Date adopted: November 4, 2005

NAME (TYPE OR PRINT)

John Neff

SIGNATURE

TITLE

Council Chair

CODE REVISER USE ONLY

CODE REVISER'S OFFICE
 STATE OF WASHINGTON
 FILED

DEC 5 2005

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TIME _____ (AM) _____ (PM)
 WSR 05-24-070

(COMPLETE REVERSE SIDE)

**Note: If any category is left blank, it will be calculated as zero.
No descriptive text.**

Count by whole WAC sections only, from the WAC number through the history note.
A section may be counted in more than one category.

The number of sections adopted in order to comply with:

Federal statute:	New	_____	Amended	_____	Repealed	_____
Federal rules or standards:	New	_____	Amended	_____	Repealed	_____
Recently enacted state statutes:	New	<u>2</u>	Amended	_____	Repealed	_____

The number of sections adopted at the request of a nongovernmental entity:

New	_____	Amended	<u>4</u>	Repealed	_____
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The number of sections adopted in the agency's own initiative:

New	_____	Amended	_____	Repealed	_____
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The number of sections adopted in order to clarify, streamline, or reform agency procedures:

New	_____	Amended	_____	Repealed	_____
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The number of sections adopted using:

Negotiated rule making:	New	_____	Amended	_____	Repealed	_____
Pilot rule making:	New	_____	Amended	_____	Repealed	_____
Other alternative rule making:	New	_____	Amended	<u>6</u>	Repealed	_____

AMENDATORY SECTION (Amending WSR 04-01-108, filed 12/17/03, effective 7/1/04)

WAC 51-50-0200 Chapter 2--Definitions.

SECTION 202--DEFINITIONS.

ADULT FAMILY HOME. See Section 310.2.

CHILD DAY CARE. See Section 310.2.

CHILD DAY CARE HOME, FAMILY. See Section 310.2.

NIGHTCLUB. An establishment, other than a theater with fixed seating, which includes all of the following:

- 1. Provides live entertainment by paid performing artists or by way of recorded music conducted by a person employed or engaged to do so;
- 2. Has as its primary source of revenue the sale of beverages of any kind for consumption on the premises and/or cover charges;
- 3. Has an occupant load of 100 or more as determined by the fire code official; and
- 4. Includes assembly space without fixed seats considered concentrated or standing space per Table 1004.1.2.

Paid performing artists are those entertainers engaged to perform in a for-profit business establishment.

PORTABLE SCHOOL CLASSROOM. See Section 902.1.

RESIDENTIAL CARE/ASSISTED LIVING FACILITIES. See Section 310.2.

AMENDATORY SECTION (Amending WSR 04-01-108, filed 12/17/03, effective 7/1/04)

WAC 51-50-0903 Section 903--Automatic sprinkler systems.

903.2.1.2 Group A-2. An automatic sprinkler system shall be provided for Group A-2 Occupancies where one of the following conditions exists:

- 1. The fire area exceeds 5,000 square feet (464.5 m²).
- 2. The fire area has an occupant load of 100 or more.
- 3. The fire area is located on a floor other than the level of exit discharge.

903.2.1.6 Nightclub. An automatic sprinkler system shall be provided throughout an occupancy with a nightclub. Existing nightclubs constructed prior to July 1, 2006, shall be provided with automatic sprinklers not later than December 1, 2007. The

fire code official, for the application of this rule, may establish an occupant load based on the observed use of the occupancy in accordance with Table 1004.1.2.

903.2.2 Group E. An automatic sprinkler system shall be provided for Group E Occupancies as follows:

1. Throughout all Group E fire areas greater than 20,000 square feet (1858 m²) in area.

2. Throughout every portion of educational buildings below the level of exit discharge.

EXCEPTION: An automatic sprinkler system is not required in any fire area or area below the level of exit discharge where every classroom throughout the building has at least one exterior exit door at ground level.

3. Throughout all newly constructed Group E Occupancies having an occupant load of 50 or more for more than 12 hours per week or four hours in any one day. A minimum water supply meeting the requirements of NFPA 13 shall be required. The fire code official may reduce fire flow requirements for buildings protected by an approved automatic sprinkler system.

For the purpose of this section, additions exceeding 60 percent of the value of such building or structure, or alterations and repairs to any portion of a building or structure within a twelve-month period that exceeds 100 percent of the value of such building or structure shall be considered new construction. In the case of additions, fire walls shall define separate buildings.

EXCEPTIONS: 1. Portable school classrooms, provided aggregate area of clusters of portable school classrooms does not exceed 5,000 square feet (1465 m²); and clusters of portable school classrooms shall be separated as required in Chapter 5 of the building code.
2. Group E day care.

When not required by other provisions of this chapter, a fire-extinguishing system installed in accordance with NFPA 13 may be used for increases and substitutions allowed in Section 504.2, 506.3, and Table 601 of the building code.

903.2.10.3 Buildings over 75 feet in height. An automatic sprinkler system shall be installed throughout buildings with a floor level having an occupant load of 30 or more that is located 75 feet (22 860 mm) or more above the lowest level of fire department vehicle access.

EXCEPTIONS: 1. Airport control towers.
2. Open parking structures.
3. Occupancies in Group F-2.

AMENDATORY SECTION (Amending WSR 04-01-108, filed 12/17/03, effective 7/1/04)

WAC 51-50-0909 Section 909--Smoke control systems.

909.6.3 Elevator shaft pressurization. Where elevator shaft pressurization is required to comply with Exception 5 of Section

707.14.1, the pressurization system shall comply with the following.

909.6.3.1 Standards and testing. Elevator shafts shall be pressurized to not less than 0.10 inch water column relative to atmospheric pressure. Elevator pressurization shall be measured with the elevator cars at the designated primary recall level with the doors in the open position. The test shall be conducted at the location of the calculated maximum positive stack effect in the elevator shaft. The measured pressure shall be sufficient to provide 0.10 inch of water column as well as accounting for the stack and wind effect expected on the mean low temperature January day.

909.6.3.2 Activation. The elevator shaft pressurization system shall be activated by a fire alarm system which shall include smoke detectors or other approved detectors located near the elevator shaft on each floor as approved by the building official and fire chief. If the building has a fire alarm panel, detectors shall be connected to, with power supplied by, the fire alarm panel.

909.6.3.3 Separation. Elevator shaft pressurization equipment and its ductwork located within the building shall be separated from other portions of the building by construction equal to that required for the elevator shaft.

909.6.3.4 Location of intakes. Elevator shaft pressurization air intakes shall be located in accordance with Section 909.10.3. Such intakes shall be provided with smoke detectors which upon detection of smoke, shall deactivate the pressurization fan supplied by that air intake.

909.6.3.5 Power system. The power source for the fire alarm system and the elevator shaft pressurization system shall be in accordance with Section 909.11.

909.6.3.6 Hoistway venting. Hoistway venting required by Section 3004 need not be provided for pressurized elevator shafts.

909.6.3.7 Machine rooms. Elevator machine rooms required to be pressurized by Section 3006.3 need not be pressurized where separated from the hoistway shaft by construction in accordance with Section 707.

909.6.3.8 Special inspection. Special inspection for performance shall be required in accordance with Section 909.18.8(~~.3 and Section 1704~~). System acceptance shall be in accordance with Section 909.19.

AMENDATORY SECTION (Amending WSR 04-01-108, filed 12/17/03, effective 7/1/04)

WAC 51-50-1008 Section 1008--Doors, gates and turnstiles.

1008.1.2 Door swing. Egress doors shall be side-hinged swinging.

- EXCEPTIONS:
1. Private garages, office areas, factory and storage areas with an occupant load of 10 or less.
 2. Group I-3 Occupancies used as a place of detention.
 3. Doors within or serving a single dwelling unit in Groups R-2 and R-3 as applicable in Section 101.2.
 4. In other than Group H Occupancies, revolving doors complying with Section 1008.1.3.1.
 5. In other than Group H Occupancies, horizontal sliding doors complying with Section 1008.1.3.3 are permitted as a means of egress.
 6. Power-operated doors in accordance with Section 1008.1.3.1.
 7. In other than Group H Occupancies, manually operated horizontal sliding doors are permitted in a means of egress from occupied spaces with an occupant load of 10 or less.

Doors shall swing in the direction of egress travel where serving an occupant load of 50 or more persons or a Group H Occupancy.

The opening force for interior side-swinging doors without closers shall not exceed a 5-pound force. For other side-swinging, sliding, and folding doors, the door latch shall release when subjected to a 15-pound force. The door shall be set in motion when subjected to a 30-pound force. The door shall swing to a full-open position when subjected to a 15-pound force. Forces shall be applied to the latch side. Within an accessible route, at exterior doors where environmental conditions require a closing pressure greater than 8.5 pounds, power operated doors shall be used within the accessible route of travel.

AMENDATORY SECTION (Amending WSR 05-01-014, filed 12/2/04, effective 7/1/05)

WAC 51-50-1101 Section 1101--General.

1101.2 Design. Buildings and facilities shall be designed and constructed to be accessible in accordance with this code and ICC A117.1, except those portions of ICC A117.1 amended by this section.

1101.2.1 (ICC A117.1 Section 403) Landings for walking surfaces. The maximum rise for any run is 30 inches (762 mm). Landings shall be provided at the top and bottom of any run. Landings shall be level and have a minimum dimension measured in the direction of travel of not less than 60 inches (1525 mm).

1101.2.2 (ICC A117.1 Section 403.5) Clear width of accessible route. Clear width of an accessible route shall comply with ICC A117.1 Table 403.5. For exterior routes of travel, the minimum clear width shall be 44 inches (1118 mm).

1101.2.3 (ICC A117.1 Section 404.2.9) Door-opening force. Fire doors shall have the minimum opening force allowable by the

appropriate administrative authority. The maximum force for pushing open or pulling open doors other than fire doors shall be as follows:

1. Interior hinged door: 5.0 pounds (22.2 N)
2. Sliding or folding doors: 5.0 pounds (22.2 N)

At exterior doors where environmental conditions require a closing pressure greater than 8.5 pounds, power operated doors shall be used within the accessible route of travel.

These forces do not apply to the force required to retract latch bolts or disengage other devices that hold the door in a closed position.

1101.2.4 (ICC A117.1 Section 407.4.6.2.2) Arrangement. This section is not adopted.

1101.2.5 (ICC A117.1 Sections 603.4 and 604.11) Coat hooks, shelves, dispensers, and other fixtures. Coat hooks provided shall accommodate a forward reach or side reach complying with ICC A117.1 Section 308. Where provided, shelves shall be installed so that the top of the shelf is 40 inches (1015 mm) maximum above the floor or ground. Drying equipment, towel or other dispensers, and disposal fixtures shall be located 40 inches (1015 mm) maximum above the floor or ground to any rack, operating controls, receptacle or dispenser.

1101.2.6 (ICC A117.1 Section 604.6) Flush controls. Hand operated flush controls for water closets shall be mounted not more than 44 inches (1118 mm) above the floor.

1101.2.9 (ICC A117.1 Section 703.6.3.1) International Symbol of Accessibility. Where the International Symbol of Accessibility is required, it shall be proportioned complying with ICC A117.1 Figure 703.7.2.1. All interior and exterior signs depicting the International Symbol of Accessibility shall be white on a blue background.

1101.2.11 (ICC A117.1 Section 404.3.5) Control switches. Control switches shall be mounted 32 to 40 inches above the floor and not less than 18 inches nor more than 36 inches horizontally from the nearest point of travel of the moving doors.

NEW SECTION

WAC 51-50-2406 Section 2406--Safety glazing.

2406.1.2 Wired glass. This section is not adopted.