

2007 Oregon Fire Code
“Mid-Cycle Amendments”
Effective Date: October 1, 2008

Contact: John Caul
Deputy State Fire Marshal
john.caul@state.or.us
(503) 934-8269

The following code sections have been amended by the State:

1. Amend Section 102.3 to change **fire code official** to **building official**.
2. Amend Section 202. Group I-4, day care facility and R-3 to correlate with the OSSC.
3. Amend Section 307.1.1, to clarify when open burning is prohibited by the fire code.
4. Amend Section 605.10, Exception, to eliminate the heating element and tip over switch language.
5. Amend Section 902.1, definition for substantial alteration and substantial damage.
6. Amend Sections 903.2.7.2, fire sprinkler requirements in substantially damaged or substantially altered existing nonsprinklered apartment buildings.
7. Amend the heading of Code Section 1019.2 and Table 1019.2, replace Table 1019.2 and footnotes.
8. Add Section 1305, Dust Collection, to make reference to the Mechanical Code.
9. Amend Appendix SR, Section SR107.3 and SR108.3.2, fire alarm provisions to correlate with the Oregon Structural Specialty Code.
10. Update References:
 - NFPA 10, ~~2002~~ **2007**
 - NFPA 11, ~~2000~~ **2005**
 - NFPA 13, ~~2002~~ **2007**
 - NFPA 13R, ~~2002~~ **2007**
 - NFPA 13D, ~~2002~~ **2007**
 - NFPA 14, ~~2003~~ **2007**
 - NFPA 40, ~~2001~~ **2007**
 - NFPA 58, ~~2004~~ **2008**
 - NFPA 72, ~~2002~~ **2007**
 - NFPA 101, ~~2003~~ **2006**
 - NFPA 409, ~~2001~~ **2004**

Items 1 through 10 have been prepared as insert pages for the 2007 OFC. Pages are formatted so that when inserted, the amendments will face the page containing the existing code language.

ADMINISTRATION
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102.3 Change of use or occupancy. No change shall be made in the use or occupancy of any structure that would place the structure in a different division of the same group or occupancy or in a different group of occupancies, unless such structure is made to comply with the requirements of this code and the *International Building Code*. Subject to the approval of the ~~fire code official~~ **building code official**, the use or occupancy of an existing structure shall be allowed to be changed and the structure is allowed to be occupied for purposes in other groups without conforming to all the requirements of this code and the *International Building Code* for those groups, provided the new or proposed use is less hazardous, based on life and fire risk, than the existing use.

DEFINITIONS

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Group I-4, day care facilities. This group shall include buildings and structures occupied by persons of any age who receive custodial care for less than 24 hours by individuals other than parents or guardians, relatives by blood, marriage or adoption, and in a place other than the home of the person cared for. A facility such as the above with six or fewer persons, or ~~group~~ **Family Child Care Homes** or ~~family child care homes~~ (located in a private residence) as defined in ~~ORS Chapter 657 A,~~ **Section 310.2 of the Oregon Structural Specialty Code**, shall be classified as a Group R-3 or shall comply with the *Residential Code* in accordance with Section 101.2 **of the Oregon Structural Specialty Code**. Places of worship during religious functions are not included

DEFINITIONS
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R-3 Residential occupancies where the occupants are primarily permanent in nature and not classified as R-1, R-2, R-4 or I, including:

Buildings that do not contain more than two dwelling units.

Adult care facilities that provide accommodations for six or fewer persons of any age for less than 24 hours.

Child care facilities that provide accommodations for six or fewer persons of any age for less than 24 hours.

Congregate care facilities with 16 or fewer persons.

Adult foster homes as defined in ORS Chapter 443, ~~or group and family~~ Family Child Care Homes (located in a private residence) as defined in ~~ORS 657A~~ **Section 310.2 of the Oregon Structural Specialty Code.**

Adult **foster homes** and **Family Child Care Home** facilities that are within a single-family ~~home~~ **dwelling** are permitted to comply with the ~~International Residential Code~~ **Oregon Residential Specialty Code** in accordance with Section 101.2.

NOTE: Remainder of section to remain the same.

GENERAL PRECAUTIONS AGAINST FIRE

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307.1.1 Prohibited open burning. Open burning ~~that is offensive or objectionable because of smoke or odor emissions or~~ when atmospheric conditions or local circumstances make such fires hazardous shall be prohibited.

BUILDING SERVICES AND SYSTEMS

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605.10 Portable, electric space heaters. Portable, electric space heaters shall comply with Section 605.10.1 through 605.10.4. The use of portable space heating devices in Group I and SR occupancies shall be prohibited.

Exception: Portable space heating devices may be permitted to be used in non-sleeping staff and employee areas. ~~Where the heating elements of such devices do not exceed 212^oF (100^oC) and such devices shall have a tip-over switch.~~

FIRE PROTECTION SYSTEMS
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SUBSTANTIAL ALTERATION. Any alteration where the total cost of all alterations (including but not limited to electrical, mechanical, plumbing and structural changes) for a building or facility within any 12-month period amounts to ~~40~~ **25** percent or more of the assessed value of the structure before the alterations occurred. For the purposes of this chapter, standard building maintenance, residing or reroofing are not considered as alterations.

SUBSTANTIAL DAMAGE. Any damage of any origin to a structure whereby the cost of restoring the structure to its original condition would be equal to or exceeding ~~40~~ **25** percent of the assessed value of the structure before the alteration occurred.

FIRE PROTECTION SYSTEMS
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903.2.7.1 Alternate fire sprinkler system requirements. The requirements of Section 903.2.7.2 are adopted by the Building Codes Division of the State of Oregon for optional use in municipalities.

NOTE: "For optional use in municipalities" means when included in the local building department adoption ordinance of the *Oregon Structural Specialty Code*.

903.2.7.2 903.2.7.1 Requirements. When substantial alterations are made or substantial damage occurs to an existing non-sprinkled Group R-2 **apartment house building**, designed and constructed under the provisions of this code, an approved automatic ~~multipurpose~~ sprinkler system complying with NFPA ~~13D~~ **13R** shall be installed only in the substantially altered or damaged dwelling units. When more than 50 percent of the dwelling units within a building are substantially altered or damaged, the entire ~~Group R apartment house occupancy~~ shall be provided with an NFPA ~~13D~~ **13R sprinkler system or equivalent**.

For the purposes of this section, when a NFPA 13R sprinkler system is installed, a fire department connection shall not be required

MEANS OF EGRESS
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TABLE 1019.2
BUILDINGS STORIES WITH ONE EXIT

<u>STORY ABOVE GRADE PLANE</u>	<u>OCCUPANCY</u>	<u>MAXIMUM OCCUPANTS (OR DWELLING UNITS) PER FLOOR AND TRAVEL DISTANCE TO EXIT</u>
<u>FIRST STORY OR BASEMENT</u>	<u>A, B^d, E^c, F^d, M, U, S^d</u>	<u>49 occupants and 75 feet travel distance</u>
	<u>H-2, H-3</u>	<u>3 occupants and 25 feet travel distance</u>
	<u>H-4, H-5, I, R</u>	<u>10 occupants and 75 feet travel distance</u>
	<u>S^a</u>	<u>29 occupants and 100 feet travel distance</u>
<u>SECOND STORY</u>	<u>B^b, F, M, S^a</u>	<u>29 occupants and 75 feet travel distance</u>
	<u>R-2</u>	<u>4 dwelling units and 75 feet travel distance</u>
<u>THIRD STORY</u>	<u>R-2^c</u>	<u>4 dwelling units and 50 feet travel distance</u>

For SI: 1 foot = 304.8 mm

- a. For the required number of exits for parking structures, see Section 1019.1.1.
- b. For the required number of exits for air traffic control towers, see Section 412.1
- c. Buildings classified as Group R-2 equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 or 903.3.1.2 and provided with emergency escape and rescue openings in accordance with Section 1026.
- d. Group B, F and S occupancies in buildings equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1 shall have a maximum occupant load of 10.
- e. Day care occupancies shall have a maximum occupant load of 10.

1019.2 Buildings Stories with one exit. Only one exit shall be required in buildings as described below:

1. ~~Buildings described in Table 1019.2, provided that the building has not more than one level below the first story above grade plane.~~ Stories meeting the limitations of Table 1019.2.
2. Buildings of Group R-3 occupancy.
3. ~~Single-level buildings with the occupied space at the level of exit discharge provided that the story or space complies with Section 1015.1 as a space with one means of egress.~~

COMBUSTIBLE DUST-PRODUCING OPERATIONS

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SECTION 1305
DUST COLLECTION

1305.1 Dust collection. Dust collections systems shall be designed and installed in accordance with Section 510 of the *International Mechanical Code*. Electrical ventilation fan motor shall be interlocked in accordance with section 503.1 of the *International Mechanical Code*.

APPENDIX SR

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SR107.3 Fire alarm systems. An approved manual and automatic, supervised fire alarm system shall be installed ~~throughout~~ **in** all Group SR occupancies. **Detection shall be required only in the areas specified in Section SR107.3.1 when an automatic sprinkler system is installed throughout the building, in accordance with 903.3.1 and connected to the building fire alarm system.**

Exceptions:

1. Manual fire alarm boxes located in resident sleeping areas shall not be required at exits if located at all constantly attended staff locations provided such locations are visible and continually accessible and that travel distances required in Section 907.3.1 are not exceeded.
2. Approved household fire alarm systems with automatic and manual provisions are permitted in Group SR-3 occupancies when installed in accordance with NFPA 72.

APPENDIX SR

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SR108.3.2 Controlled egress fire alarm requirements.

An approved automatic fire alarm system shall be provided **for partial coverage** in accordance with ~~Section 907~~, NFPA 72 and this appendix.

The fire alarm system shall include smoke detectors in all sleeping areas and common living spaces of the facility.

Exception: Smoke detectors shall not be installed within three feet of any of the following:

1. A door to a kitchen.
2. A door to a bathroom containing a bathtub or shower compartment.
3. The ~~supply~~ registers of a forced air HVAC system.

REFERENCED STANDARDS
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10- 02 <u>07</u>	Portable Fire Extinguishers.....	Table 901.6.1, 906.2, 906.3, Table 906.3(1), table 906.3(2), 2106.3
11- 02 <u>05</u>	Low-, Medium, High-expansion Foam.....	904.7, 3404.2.9.1.2

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13- 02 07	Installation of Fire Sprinkler Systems... Table 704.1, 903.3.1.1, 903.3.2, 903.3.5.1.1, 903.3.5.2, 904.11, 905.3.4, 907.9, 2301.1, 2304.2, Table 2306.2, 2306.9, 2307.2, 2307.2.1, 2308.2.2, 2308.2.2.1, 2310.1, 2501.1, 2804.1, 2806.5.7, 3404.3.3.9, Table 3404.3.6.3(7), 3404.3.7.5.1, 3404.3.8.4
13D – 02 07	Installation of Sprinkler Systems in One- and Two- Family Dwellings and Manufactured Homes...903.1.3, 903.3.5.1.1
13R – 02 07	Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height.....903.3.1.2, 903.3.5.1.1, 903.3.5.1.2, 903.4
14 – 03 07	Installation of Standpipe and Hose System.....905.2, 905.3.4, 905.4.2, 905.8
40 – 04 07	Storage and Handling of Cellulose Nitrate Film.....306.2
58- 04 08	Liquefied Petroleum Gas Code.....3801.1, 3803.1, 3803.2.1, 3803.2.1.2, 3803.2.1.7, 3803.2.2, 3804.1, 3804.3.1, 3804.4, 3806.2, 3806.3, 3807.2, 3808.1, 3808.2, 3809.11.2, 3811.3
72 – 02 07	National Fire Alarm Code.....509.1, Table 901.6.1, 903.4.1, 904.3.5, 907.2, 907.2.1.1, 907.2.10, 907.2.10.4, 907.2.11.2, 907.2.11.3, 907.2.12.2.3, 907.2.12.3, 907.3, 907.5, 907.6, 907.10.2, 907.11, 907.15, 907.17, 907.18, 907.20, 907.20.2, 907.20.5
101 – 03 06	Life Safety Code.....1025.6.2

Centers for Medicare & Medicaid Federally licensed facilities in the State of Oregon must meet the applicable provisions of the 2000 edition of the Life Safety Code of the National Fire Protection Association.

The Director of the Office of the Federal Register has approved the NFPA 101, 2000 edition of the Life Safety Code, issued January 14, 2000, for incorporation by reference in accordance with 5 U.S.C. 552(a) and 1 CFR part 51.

Copies may be obtained from the National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269. If any changes in this edition of the Code are incorporated by reference, CMS will publish notice in the FEDERAL REGISTER to announce the changes.

REFERENCED STANDARDS
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409 – ~~04~~ **04** Aircraft Hangars.....914.8.2, 914.8.5