



# Errata for the 2007 Oregon Mechanical Specialty Code, first printing

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~~Strikethrough~~ text represents deleted language.

Underlined text represents added language.

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1. Page 5, Section 106.5.2, the second “Note:”  
“Note: Section ~~105.3~~ 106.5.3 is not adopted by the State of Oregon.”

### Chapter 15 – Standards, Pages 105 - 109

The following standards were inadvertently left out of the code or in need of modification.

2. Add the following **ASTM** Standards;  
E 1509 – 04 ..... 904.1  
E 2231 – 02 .....604.3, 1204.1  
E 2336 – 04 ..... 506.3.10
3. Add the following **CSA** Standard;  
CSA America FC – 03 ..... 924.1
4. Add the following **FS** Standard;

**FS** Federal Specification\*  
General Services Administration  
7<sup>th</sup> & D Streets  
Specification Section, Room 6039  
Washington, DC 20407

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Standard Reference Number	Title	section number	Referenced in code
<b>WW-P 325B (1976)</b>	Pipe, Bends, Traps, Caps and Plugs; Lead (for Industrial Pressure and Soil And Waste Application .....	Table 1202.4	

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\* Standards are available from the Supt. Of Documents, US Government Printing Office, Washington, DC 20402-9325



- 5. Add the following **NFPA** Standard;
  - 92B – 05 ..... 513.8
- 6. Add the following **UL** Standards;
  - 508 – 99 ..... 307.2.3
  - 710B – 04 ..... 507.1
  - 1978 – 95 ..... 506.3.2
  - 2221 – 01 ..... 506.3.10
- 7. Delete the following **UL** Standard;
  - ~~197 – 93 ..... 507.1~~
- 8. Modify the following **UL** Standard;
  - 300 – 96 .....~~508.1~~ 509.1

9. Modify Section 509.3 as follows;

**509.3 System actuation.** Each automatic fire suppression system shall have both automatic and manual actuation means. A manual actuation device shall be located at or near a means of egress from the cooking area, a minimum of 10 feet (3048 mm) and a maximum of 20 feet (6096 mm) from the kitchen exhaust system. The manual actuation device shall be located a minimum of ~~X~~3 feet 6 inches (1372 mm) and a maximum of ~~X~~4 feet (1524 mm) above the floor. The manual actuation shall require a maximum force of 40 pounds (178 N) and a maximum movement of 14 inches (356 mm) to actuate the fire suppression system.

**Exception:** Automatic sprinkler systems shall not be required to be equipped with manual actuation means.

10. Modify Section 306 as follows;

**(Items highlighted in red were unintentionally left out of the 2007 OMSC.)**

**306.5 Equipment and appliances on roofs or elevated structures.** Where equipment and appliances requiring access are installed on roofs or elevated structures at a height exceeding 16 feet (4877 mm), such access shall be provided by a permanent approved means of access, the extent of which shall be from grade or floor level to the equipment and appliances' level service space. Such access shall not require climbing over obstructions greater than 30 inches (762 mm) high or walking on roofs having a slope greater than 4 units vertical in 12 units horizontal (33-percent slope). Where access involves climbing over parapet walls, the height shall be measured to the top of the parapet wall.

Permanent ladders installed to provide the required access shall comply with the following minimum design criteria:

1. The side railing shall extend above the parapet or roof edge not less than 30 inches (762 mm).
2. Ladders shall have rung spacing not to exceed 14 inches (356 mm) on center.
3. Ladders shall have a toe spacing not less than 6 inches (152 mm) deep.
4. There shall be a minimum of 18 inches ( 457 mm) between rails.
5. Rungs shall have a minimum 0.75-inch (19 mm) diameter and be capable of withstanding a 300-pound (136.1 kg) load.
6. Ladders over 30 feet (9144 mm) in height shall be provided with offset sections and landings capable of withstanding 100 pounds (488.2 kg/m<sup>2</sup>) per square foot.

Landing dimensions shall be not less than 18 inches (457 mm) and not less than the width of the ladder served. A guard rail shall be provided on all open sides of the landing.

7. Ladders shall be protected against corrosion by approved means.

Catwalks installed to provide the required access shall be not less than 24 inches (610 mm) wide and shall have railings as required for service platforms.

**Exception:**

1. This section shall not apply to the replacement, repair or maintenance of an existing appliance or piece of equipment lawfully in existence at the time of the adoption of this code.

2. This section shall not apply to Group R-3 occupancies.

**306.5.1 Sloped roofs.** Where appliances, equipment, fans or other components that require service are installed on a roof having a slope of 3 units vertical in 12 units horizontal (25-percent slope) or greater and having an edge more than 30 inches (762 mm) above grade at such edge, a level platform shall be provided on each side of the appliance or equipment to which access is required by the manufacturer's installation instructions for service, repair or maintenance. The platform shall not be less than 30 inches (762 mm) in any dimension and shall be provided with guards. The guards shall extend not less than 42 inches (1067 mm) above the platform, shall be constructed so as to prevent the passage of a 21-inch-diameter (533 mm) sphere and shall comply with the loading requirements for guards specified in the *Building Code*. Access shall not require walking on roofs having a slope greater than four units vertical in 12 units horizontal (33-percent slope). Where access involves obstructions greater than 30 inches (762 mm) in height, such obstructions shall be provided with ladders installed in accordance with Section 306.5 or stairs installed in accordance with the requirements specified in the *Building Code* in the path of travel to and from appliances, fans or equipment requiring service.

**Exception:** The section shall not apply to the replacement, repair or maintenance of an existing appliance or piece of equipment lawfully in existence at the time of the adoption of this code.

**306.5.2 Electrical requirements.** A receptacle outlet shall be provided at or near the equipment location in accordance with the *Electrical Code*.