

## 2011 OREGON PLUMBING SPECIALTY CODE AMENDMENTS

Updated: 12/16/10

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
1		Adopt the 2009 edition of the UPC as the model code		Approve 5/18/10		Approve 12/16/10	

### CHAPTER 1 - ADMINISTRATION

BCD-1				Approve 5/18/10	N	Approve 12/16/10	Modify by adopting entire Chapter 1 as found in the 2009 UPC, with recommended changes (new language is <u>underlined</u> and deleted language is <del>struck out</del> )
2		101.1		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "Uniform Plumbing" and replacing with "Oregon Plumbing Specialty"
3		101.2		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "ordinance" and replacing with "administrative rule"
4		101.3		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "ordinance and replacing with "rule"
5		101.4.1.2		Approve 5/18/10	N	Approve 12/16/10	Delete section "101.4.1.2 Maintenance"
6		101.4.1.4		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "the mechanical code" and replacing with "other codes"
7		101.4.2		Approve 5/18/10	N	Approve 12/16/10	Modify section by adding "s" to the end of "Section", and "and 101.4.1.1"
8		101.5.4		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "Building" and replacing with "Structural"
9		101.5.5		Approve 5/18/10	N	Approve 12/16/10	Delete section "101.5.5 Maintenance"

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10		102.2.6		Approve 5/18/10	Slight cost savings	Approve 12/16/10	Modify section by deleting last sentence "A suit brought against the Authority Having Jurisdiction or employee because of such act or omission performed in the enforcement of any provision of this code shall be defended by legal counsel provided by this jurisdiction until final termination of such proceedings."
11		102.3.2		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "of a misdemeanor"
12		103.1.1		Approve 5/18/10	Slight cost savings	Approve 12/16/10	Modify section by adding "and OAR 918-780-0035,"
13		103.1.2.1		Approve 5/18/10	Slight cost savings	Approve 12/16/10	Modify section by deleting "any trap," and replacing with "more than five (5) feet of any"
14		103.2.2		Approve 5/18/10	Slight cost savings	Approve 12/16/10	Modify section by adding "When required under OAR 918-780-0040," and replacing "P" with "p" in "plans"
15		103.3.1		Approve 5/18/10	N	Approve 12/16/10	Modify section by adding "appropriate" Modify section by deleting "specified in Section 103.4"
16		103.3.2		Approve 5/18/10	N	Approve 12/16/10	Modify section by adding "When required under OAR 918-780-0040," and replacing "O" with "o" in "one"
17		103.4.1		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "Table 1-1. The fees are to be determined and adopted by the jurisdiction" and replacing with "of the local jurisdiction"
18		103.4.2		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "by Section 103.2.2," and replacing with "under OAR 918-780-0040" Modify section by deleting "shown in Table 1-1" and replacing with "adopted by the local jurisdiction"
19		103.5.1		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "the energy fuel supply,"

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20		103.5.6		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "Table 1-1" and replacing with "those adopted by the local jurisdiction"
21		103.5.6.1		Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "ten (10)" and replacing with "thirty (30)"
22		103.6.1		Approve 5/18/10	N	Approve 12/16/10	Delete sub section "103.6.1 Energy Connections"
23		103.6.3		Approve 5/18/10	N	Approve 12/16/10	Modify section by deleting "to the source of energy or fuel"
24		Table 1-1		Approve 5/18/10	N	Approve 12/16/10	Delete "Table 1-1 Plumbing Permit Fees"

CHAPTER 2 - DEFINITIONS							
25			203.0	Approve 5/18/10	NA	Approve 12/16/10	Delete definition for "Air Chamber"
26			204.0	Approve 5/18/10	NA	Approve 12/16/10	Delete definition for "Bathroom"
							Add definitions for "Bathroom Group" and "Bathroom, Half"
27	207.0			Approve 5/18/10	NA	Approve 12/16/10	Delete definition for "Excess Flow Valve (EFV)"
28	212.0			Approve 5/18/10	NA	Approve 12/16/10	Modify by deleting "840°F" and "449°C" and replacing with "1000°F" and "538°C"
29	218.0			Approve 5/18/10	NA	Approve 12/16/10	Modify definition for Plumbing System by deleting "and fuel gas"
							Modify definition for Private Sewage Disposal System by deleting "elsewhere in the code" and replacing with "by other regulating agencies"
30			218.0	Approve 5/18/10	NA	Approve 12/16/10	Modify definition for Public or Public Use by deleting "All buildings or structures" and replacing with "Applies to plumbing fixtures"
P-6		220.0		Approve 5/18/10	NA	Approve 12/16/10	<b>Submitted by Tim Price, Jackson County:</b> Modify definition of "Remote Outlet"

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31	220.0			Approve 5/18/10	NA	Approve 12/16/10	Modify definition for Roughing-In by deleting "gas piping"
32	221.0			Approve 5/18/10	NA	Approve 12/16/10	Modify definition for Septic Tank by deleting "meeting the requirements of this code"
33			225.0	Approve 5/18/10	NA	Approve 12/16/10	deleting "to absorb hydraulic shock, either of the air chamber of mechanical device design" and replacing with "designed to provide protection against hydraulic shock in the building water supply system"
BCD-2		225.0		Approved as modified	NA	Approve 12/16/10	Modify by adding new definition "Wet Room - A barrier free floor with a shower fixture(s)"

### CHAPTER 3 - GENERAL REGULATIONS

34			301.1.2	Reject 5/18/10	N	Approve 12/16/10	Modify by deleting "when required by the approved standard that applies" - <i>Oregon adopted standards identify the required marking of products.</i>
35			301.2	Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "approve the system method or device when determined to be equivalent or superior" and replacing with "shall have the authority to approve or disapprove the system, method or device for the intended purpose"
36			301.2.1.1	Approve 5/18/10	N	Approve 12/16/10	Modify by adding "or applicable"
37			301.4, 301.4.1, 301.4.2, 301.4.3, 301.4.4	Approve 5/18/10	Moderate cost increase	Approve 12/16/10	Add new section "Alternative Engineered Design" and subsections "301.4.1 Design Criteria", "301.4.2 Permit Application", "301.4.3 Technical Data" and "301.4.4 Design Documents"
38			301.4.5	Approve 5/18/10	N	Approve 12/16/10	Add new subsection "301.4.5 Design Approval"
39			301.4.6	Approve 5/18/10	N	Approve 12/16/10	Add new subsection "301.4.6 Design Review"

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40			301.4.7	Approve 5/18/10	N	Approve 12/16/10	Add new subsection "301.4.7 Inspection and Testing"
41			310.2	Approve 5/18/10	N	Approve 12/16/10	Modify by adding "solvent cement"
42			313.3	Approve 6/1/10	N	Approve 12/16/10	Delete section "313.3" - <i>Because it is repeated in section 315.1</i>
43			313.5	Approve 5/18/10	N	Approve 12/16/10	Add new section "315.5 Protectively Coated Pipe"
44			313.7	Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "IAPMO Installation Standards" and replacing with "applicable standards reference in Table 14-1"
45	313.9			Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "Exception: See Section 1211.3.4"
46	314.7			Approve 5/18/10	N	Approve 12/16/10	Delete section "314.7"
47			316.1.6	Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "appropriate" and replacing with "applicable" and by adding new language "referenced in Table 14-1"
48			316.1.10	Approve 5/18/10	N	Approve 12/16/10	Add new section "316.1.10 Push-fit Fitting"
49			316.1.11	Approve 5/18/10	N	Approve 12/16/10	Add new section "316.1.11 Heat Fusion Weld Joints"
P-5		316.1.11		Approve 5/18/10	N	Approve 12/16/10	<b>Submitted by Garth Bentley, City of Beaverton:</b> Add new section "316.1.11 Heat Fusion Weld Joints"
50	316.2.2			Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "and in gas piping as permitted by Section 1211.3.2(4)"
51			319.2	Approve 5/18/10	N	Approve 12/16/10	Modify by adding "or equal to"
P-12		320.0		Approve 5/18/10	Substantial savings	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Delete section "320.0 Medical Gas and Vacuum Systems"

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52			Table 3-2	Approve 5/18/10	N	Approve 12/16/10	Modify by adding a new material to the table "Polypropylene (PP)"

#### CHAPTER 4 - PLUMBING FIXTURES AND FIXTURE FITTINGS

53	402.3.1			Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "Nonwater urinals shall be cleaned and maintained in accordance with the manufacturer's instructions after installation."
54	402.4			Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "such as those", "but not limited to" and "restaurants" Modify by adding "Employee restrooms not generally used by the public shall be exempt from the requirement of self-closing lavatory faucets"
55			405.2	Approve 5/18/10	N	Approve 12/16/10	Modify by adding "Exception: Non-water urinals."
56	407.5			Approve 5/18/10	N	Approve 12/16/10	water closets and bidets in residential structures shall not be less than twenty-one (21) inches (533.4mm)."
57			407.5	Approve 5/18/10	Slight savings	Approve 12/16/10	Modify by adding "Exception: The installation of paper dispensers or accessibility grab bars shall not be considered obstructions."
58			408.2.1	Approve 5/18/10	N	Approve 12/16/10	Modify by adding "Seats for public use shall conform to the applicable standard referenced in Table 14-1."
59			408.2.2	Approve 5/18/10	N	Approve 12/16/10	Modify by deleting "all" and "except those within dwelling units," Modify by adding "for public use"
60			408.2.4	Approve 5/18/10	N	Approve 12/16/10	Delete subsection "408.2.4"
61	410.1			Approve 5/18/10	N	Approve 12/16/10	Add "Exception: Nonwater urinals as required in section 402.3.1"
62		411.2.1		Approve as Modified 5/18/10	Slight savings	Approve 12/16/10	Modify by adding "Floor mounted urinals may be used as a floor drain to meet the requirements of this section."

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63			411.2.2	Approve 5/18/10	N	Approve 12/16/10	Modify by adding "and in accordance with Section 704.3"
P-2		411.4.1		Reject 6/1/10	N	Approve 12/16/10	<b>Submitted by Richard Miller:</b> Add new provisions for Health Care Facilities on-site built showers
BCD-3		411.7		Approve 6/1/10	Slight savings	Approve 12/16/10	Modify by adding new "Exception 3 Wet Rooms. The definition of a wet room is a barrier free floor with shower fixtures(s). The area of the floor serving each shower fixture(s) would be no less than 4 feet by 4 feet is to be sloped no less than one quarter inch per foot to the drainage fixture. The floor area serving the shower and adjacent walls shall be protected with an approved membrane system as described in the section 411.8 "Non metallic shower sub pans", or as approved by the authority having jurisdiction."
65			411.8	Approve 6/1/10	N	Approve 12/16/10	Modify first paragraph by deleting "one of the following means shall be employed"
							Modify second paragraph by deleting "When" and "are built above ground" and adding "Showers that are provided with a built in place, permanent seat or seating area that is located within the shower enclosure"
							Modify third paragraph by adding "above the horizontal surfaces of the seat or the seating area" and "permanent seat, permanent seating area"
66	412.0			Approve 6/1/10	N	Approve 12/16/10	Delete entire section "412.0 Minimum Number of Required Fixtures" including subsections "412.1 through 412.6"
67			413.1	Approve 6/1/10	N	Approve 12/16/10	Modify by adding "(49°C) by a device that conforms to ASSE 1070 or CSA B125.3."
68			414.5	Approve 6/1/10	Slight savings	Approve 12/16/10	Modify by adding (49°C) by a device that conforms to ASSE 1070 or CSA B125.3."

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69			416.3	Approve 6/1/10	Slight savings	Approve 12/16/10	Modify by adding new section "416.3 Limitation of Water Temperature in Bidets"
70			418.0	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "ASSE 1016 or" and replacing with "ASME A112.188.1/CSA B125.1."
							Modify by deleting "may" and replacing with "shall"
71			418.0	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "master thermostatic pressure balance/thermostatic mixing valve" and replacing with "that conforms to ASSE 1069."
72	Table 4-1			Approve 6/1/10	N	Approve 12/16/10	Delete remainder of chapter 4, beginning with "Table 4-1"

#### CHAPTER 5 - WATER HEATERS

73	501.0			Approve 6/1/10	N	Approve 12/16/10	Modify by deleting ",together with chimneys, vents, and their connectors",
							Modify by deleting "gas equipment" and replacing with "appliance"
74	502.1			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.1 Appliance Categorized Vent Diameter/Area"
75	502.2			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.2 Chimney"
76	502.3			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.3 Chimney, Factory Built"
77	502.4			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.4 Chimney, Masonry"
78	502.5			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.5 Chimney, Metal"
79	502.6			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.6 Combustible Material"

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80	502.7			Approve 6/1/10	N	Approve 12/16/10	Modify title from "Direct-Vent Appliances" to "Direct-Vent Water Heaters"
							Modify by deleting "Appliances" and replacing with "Water heaters" in the first sentence.
81	502.8			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.8 Flue Collar" replacing with new section "502.8 Hot Water Supply Boiler"
82	502.9			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.9 Gas Vent, Type B" replacing with new language including "Exception"
83	502.10			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.10 Gas Vent, Type L"
84	502.12			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.12 Vent"
85	502.13			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.13 Vent Connector"
86	502.14			Approve 6/1/10	N	Approve 12/16/10	Delete section "502.14 Venting System"
87	504.1			Approve 6/1/10	N	Approve 12/16/10	Delete section "504.1 Inspection of Chimneys or Vents"
88			504.2	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "equipment" and replacing with "appliance"
89	505.6			Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "and automatic gas shutoff devices"
90	506.3			Approve 6/1/10	N	Approve 12/16/10	Delete section "506.3"
91			506.4.1	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "equipment" and replacing with "an appliance"
P-13		506.4.2		Approve 6/1/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Add Exception for solar water storage tanks with single-wall heat heater exchangers with 150# relief valves
92	507.0			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.0 Air for Combustion and Ventilation"

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93	507.1			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.1 General" and subsections "507.1.1" through "507.1.4"
94	507.2			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.2 Indoor Combustion Air" and subsections "507.2.1 Standard Method" and "507.2.2 Known Air Infiltration Rate Method"
95	507.3			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.3 Indoor Opening Size and Location" and subsections "(1)" and "(2)"
96	507.4			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.4 Outdoor Combustion Air" and subsections "507.4.1 Two Permanent Openings Method" and "507.4.2 One Permanent Opening Method"
97	507.5			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.5 Combination Indoor and Outdoor Combustion Air" and subsections "507.5.1 Indoor Openings" through "507.5.3 Outdoor Openings Size"
98	507.6			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.6 Engineered Installations"
99	507.7			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.7 Mechanical Combustion Air Supply" and subsections "507.7.1" through "507.7.3"
100	507.8			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.8 Louvers, Grilles and Screens" and subsections "(A) Louvers and Grilles" through "C"
101	507.9			Approve 6/1/10	N	Approve 12/16/10	Delete section "507.9 Combustion Air Ducts" and subsections "(1)" through "(8)"
102			508.1	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "equipment" and replacing with "appliances"
P-14		508.4		Approved as Modified 6/29/30	Slight savings	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Delete 508.4, amend and relocated to 509.4.6
103	508.5			Approve 6/1/10	Slight savings	Approve 12/16/10	Delete section "508.5 Relief Valve Discharge"

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104	508.6			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.6 Added or Converted Appliances" and subsections "508.6.1" through "508.6.3"
105	508.7			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.7 Types of Gases"
106	508.8			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.8 Safety Shutoff Devices for Unlisted LP-Gas Appliance Used Indoors"
107	508.9			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.9 Use of Air or Oxygen Under Pressure"
108	508.10			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.10 Protection of Gas Appliances from Fumes or Gases Other than Products of Combustion"
109	508.11			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.11 Process Air"
110	508.12			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.12 Building Structural Members" and subsections "508.12.1" through "508.12.4"
111			508.13	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "Gas utilization appliances" and replacing with "Water heaters"
112			508.14	Approve 6/1/10	N	Approve 12/16/10	Modify section (1), by deleting "Gas utilization appliances" and replacing with "Fuel gas water heaters". Modify section (2) by deleting "equipment" and replacing with "appliances"
113	508.14			Approve 6/1/10	N	Approve 12/16/10	Modify section (2) by adding "in compliance with the Oregon Mechanical Specialty Code, Section M1307.3.1."
114			508.14	Approve 6/1/10	N	Approve 12/16/10	Modify section (3) by deleting "equipment" and replacing with "appliances"
115	508.14			Approve 6/1/10	N	Approve 12/16/10	Modify by adding new subsection "(4) Electric water heaters installed in garages may be installed at floor level."

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116	508.15.1			Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "Gas utilization appliances" and replacing with "Fuel gas water heaters"
							Modify by deleting, "NPFA 88A, Standard for parking Structure." and replace with "the Oregon Mechanical Specialty Code, Section C305.5."
117	508.15.2			Approve 6/1/10	N	Approve 12/16/10	Modify by revising the section to say "Fuel gas water heaters in stalled in repair garages shall be installed in accordance with the provisions of the Oregon Mechanical Specialty Code, Section C305.5"
118			508.17	Approve 6/1/10	N	Approve 12/16/10	Modify title by deleting "Gas Appliance". The new title is "Fuel Gas Water Heaters Physical Protection"
119	508.17			Approve 6/1/10	N	Approve 12/16/10	Modify by adding "Protection shall be provided in accordance with the Oregon Mechanical Specialty Code, SectionC305"
							Modify by deleting "or equipment, guardrails or bumper plates shall be installed to protect the appliance from damage"
120	508.18			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.18 Venting of Flue Gases"
121	508.19			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.19 Extra Device of Attachment"
122	508.20			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.20 Adequate Capacity of Piping"
123	508.21			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.21 Avoiding Strain on Gas Piping"
124	508.22			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.22 Gas Appliance pressure Regulators"
125	508.23			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.23 Venting of Gas Appliance pressure Regulators" and subsections "508.23.1" through "508.23.6"

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126	508.24			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.24 Bleed Lines for Diaphragm Type Valves" and subsections "508.24.1" through "508.24.5"
127	508.25			Approve 6/1/10	N	Approve 12/16/10	Modify by adding "fuel gas water heaters" Modify by deleting "gas utilization appliances"
128			508.26	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "equipment" and replacing with "appliance"
129	508.27			Approve 6/1/10	N	Approve 12/16/10	Delete section "508.27 Protection of Outdoor Appliances"
130	509.0			Approve 6/1/10	N	Approve 12/16/10	Delete section "509.0 Appliances on Roofs"
131	509.1			Approve 6/1/10	N	Approve 12/16/10	Delete section "509.1 General"
132	509.2			Approve 6/1/10	N	Approve 12/16/10	Delete section "509.2 Installation of Appliances on Roofs"
133			509.3.1	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "Gas utilization appliances" and replacing with "Water heaters"
P-15		509.4.6		Reject 6/29/30	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify language to clarify water heater pan is required for attic installations
134	510.0			Approve 6/1/10	N	Approve 12/16/10	Delete remainder of Chapter 5, beginning with section "510.0 Venting of Appliances"

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**CHAPTER 6 - WATER SUPPLY AND DISTRIBUTION**

135			601.0	Reject 6/1/10	N	Approve 12/16/10	Modify title from "Running Water Required" to "Hot and Cold Water Required"
136			601.1	Approved as Modified 6/1/10	N	Approve 12/16/10	Modify by deleting the last sentence in the section "In jurisdictions that adopt Chapter 16, water closets, urinals, and trap primers in designated nonresidential buildings may be provided with reclaimed water as defined and regulated by Chapter 16 of this code." Modify by adding an "Exception"
137			601.2	Approve 6/1/10	N	Approve 12/16/10	Modify section by deleting "Each system shall be color coded as follows:" and replacing with "in accordance with Sections 601.2.1 through 601.2.4." Modify subsection 601.2.2 by renaming title from "Nonpotable Water" to "Color and Information." and by deleting the first sentence and replacing with new language Delete reference to Section "1610.0" Modify by adding new subsections "601.2.3 Fixtures" and "601.2.4 Outlets"
138			Table 6-2	Approve 6/1/10	N	Approve 12/16/10	Add new "TABLE 6-2 Backflow Prevention Devices, Assemblies and Methods Degree of Hazard"
P-7		603.0		Reject 6/1/10	N	Approve 12/16/10	<b>Submitted by Kathryn Mattimore, American Backflow Prevention Association:</b> Amends language
P-8		603.1 & Table 14.1		Reject 6/1/10	N	Approve 12/16/10	<b>Submitted by Kathryn Mattimore, American Backflow Prevention Association:</b> Amends language

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
139			603.1	Approve 6/1/10	N	Approve 12/16/10	Modify by adding language to the end of the first paragraph "Backflow prevention devices and assemblies shall comply with Table 6-2, except for specific applications and provisions as stated in Section 603.4 through 603.4.22"
140	603.1			Approve 6/1/10	N	Approve 12/16/10	Modify by deleting second half of the last paragraph, beginning with "repair, or relocation and not less than....."
141			603.2.2	Approve 6/1/10	N	Approve 12/16/10	Modify by deleting "opening" and replacing with "port"
P-9		603.3 & Table 14.2		Reject 6/1/10	N	Approve 12/16/10	<b>Submitted by Kathryn Mattimore, American Backflow Prevention Association:</b> Add new code provisions for backflow testing and modify Table 14-1 by adding a reference to OR Health Division rules
142	603.3.3			Approve 6/15/10	N	Approve 12/16/10	Modify by deleting "by a certified backflow assembly tester" and "repair, or relocation and not less than..." continuing to the end of the section.
P-10		603.4.6		Approve 6/15/10	N	Approve 12/16/10	<b>Submitted by Kathryn Mattimore, American Backflow Prevention Association:</b> Modify by adding "Spill-resistant vacuum breaker" and "double check valve backflow preventer" to section
143	603.4.6.1			Approve 6/15/10	N	Approve 12/16/10	Modify by adding "(5) Double check valve backflow preventer"
144	603.4.6.3			Approve 6/15/10	N	Approve 12/16/10	Modify by adding "(5) Double check valve backflow preventer"
P-16		603.4.7		Approved as Modified 6/15/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify language to allow your hydrants with dual check backflow prevention

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
P-11		603.4.12		Reject 6/15/10	N	Approve 12/16/10	<b>Submitted by Kathryn Mattimore, American Backflow Prevention Association:</b> Modify by requiring reduced pressure back flow preventer for carbonators
145			603.4.22	Approve 6/15/10	N	Approve 12/16/10	Modify by adding new subsection section "603.4.22"
146			604.1	Approve 6/15/10	N	Approve 12/16/10	Modify by deleting the word "All" and "and the standards in Table 14.1"
147			604.8	Approve 6/15/10	N	Approve 12/16/10	Modify by adding new language to the Exception, beginning with "Plastic materials for water service..."
148			Table 6-4	Approve 6/15/10	N	Approve 12/16/10	Add new "TABLE 6-4 Materials for Building Supply and Water Distribution Piping and Fittings"
149	Table 6-4			Approve 6/15/10	N	Approve 12/16/10	Modify Table 6-4 by adding new material "PP"
P-3		Table 6-4		Reject 6/15/10	N	Approve 12/16/10	Submitted by Craig Brandt, Beaver Plumbing & Heating
150			604.11	Approve 6/15/10	N	Approve 12/16/10	Modify by adding "conforming to ASTM F877"
							Modify by deleting "listed in Table 14-1 for which the tubing has been approved"
							Modify by adding "for the fittings specified for use with the tubing. Such marking shall not be required for PEX tubing conforming to only ASTM F876."
151			604.11.1	Approve 6/15/10	N	Approve 12/16/10	Modify by deleting "Metal insert"
P-31		Table 6-5		Approved as Modified 6/15/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Remove footnote 3 from Table
152			605.1	Approve 6/15/10	N	Approve 12/16/10	Modify by adding "Valves carrying water used in potable water systems intended to supply drinking water shall meet the requirements of NSF 61 as referenced in Table 14-1."

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
P-17		605.5		Reject 6/15/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify to clarify that listed manifold systems require stops (not all manifolds)
153	608.5			Approve 6/15/10	N	Approve 12/16/10	Modify by deleting existing language in section "608.5" and replacing with new language
P-4		608.2		Approve 6/15/10	Slight savings	Approve 12/16/10	Submitted by Garth Bentley, City of Beaverton
P-18		608.2		Reject 6/15/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify to remove provisions that are not practical for various installation sites.
P-19		608.3		Approved as Modified 6/29/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify to exempt instantaneous water heaters from expansion tank requirement.
154	609.4			Approve 6/15/10	N	Approve 12/16/10	Modify by deleting "Except for plastic piping, a" and adding "A"
P-20		609.10		Reject 6/29/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Remove requirements for water hammer arresters
	609.1			Approved as Modified 6/29/10	N	Approve 12/16/10	Added an "exception for residential structures".
P-33		609.10.1		Reject proposal, Approve model code 6/29/10	Slight savings	Approve 12/16/10	Submitted by Paul Stapley, Blazer Industries: Modify section by deleting "such mechanical devices shall be accessible" and replacing with "not all water hammer arresters are serviceable"
155	610.5			Reject 8/11/10	N	Approve 12/16/10	Modify by deleting "For alternate methods of sizing water supply systems, see Appendix L."

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
156	Table 6-8			Reject 8/11/10	N	Approve 12/16/10	Modify by deleting ", and Appendix L, Alternate Plumbing Systems, for alternate methods of sizing water supply systems."

**CHAPTER 7 - SANITARY DRAINAGE**

CHAPTER 7 - SANITARY DRAINAGE							
157			701.1	Approve 6/29/10	N	Approve 12/16/10	Modify by deleting existing language and adding "Materials for drainage piping shall be in accordance with one of the referenced standards in Table 7-1 except that:"
158			701.1.2	Approve 6/29/10	N	Approve 12/16/10	Modify by deleting "IS 5, IS 9" and replacing with "applicable standards referenced in Table 14-1"
159			701.1.6	Approve 6/29/10	N	Approve 12/16/10	New code language addressing cast iron soil pipe and fittings.
BCD-33		701.1.6		Approve 6/29/10	N	Approve 12/16/10	Modify by deleting all existing language and replacing with "Cast-iron soil pipe and fittings shall be listed and tested to comply with standards referenced in Table 14-1."
160			701.2	Approve 6/29/10	N	Approve 12/16/10	Add new section "701.2"
161			701.4.1	Approve 6/29/10	N	Approve 12/16/10	Modify by deleting table reference "7-1" and replacing with "7-2(a)."
162			701.4.2	Approve 6/29/10	N	Approve 12/16/10	Modify table reference from "7-2" to "7-2(b)"
163			Table 7-1	Approve 6/29/10	N	Approve 12/16/10	Modify by adding "TABLE 7-1 Materials for Drain, Waste, Vent Pipe and Fittings"
164			702.1	Approve 6/29/10	N	Approve 12/16/10	Modify by adding section number "702.1",
							Modify by deleting "rated discharge capacity in gpm (gallons per minute) (liters per second) in accordance with Table 7-4"
							Modify by adding "or trap arm.", "Size of Trap and Trap Arm" and "Drainage Fixture Unit Values (DFU)"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
165			702.2	Approve 6/29/10	N	Approve 12/16/10	Add new section "702.2"
166			702.3	Approve 6/29/10	N	Approve 12/16/10	Add new section "702.3"
167			Table 7-3	Approve 6/29/10	N	Approve 12/16/10	Modify table by deleting "(per head)" at the end of Drinking Fountain or Water Cooler
							Modify by deleting subscript "2" after Special Purpose, Kitchen, domestic and Laundry
							Modify by adding subscript "2" in the Min. Size Trap and Trap Arm column for Special Purpose, Kitchen, domestic and Laundry
168			Table 7-4	Approve 6/29/10	N	Approve 12/16/10	Add new "TABLE 7-4 Discharge Capacity in Gallons per Minute (Liters per Second) For Intermittent Flow Only"
169	703.3			Reject 8/11/10	N	Approve 12/16/10	Delete section "703.3"
P-21		704.2		Approve as Modified 6/29/10	Slight savings	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify to allow sanitary cross to be used for fixture trap connections and add pipe sizes 1 1/4" and 1 1/2" to section 706.2.
170	Table 7-5			Approve 6/29/10	N	Approve 12/16/10	Modify pipe sizes for "Drainage Piping Vertical Horizontal"
171			Table 7-5	Approve 6/29/10	N	Approve 12/16/10	Modify by adding "exceeding one (1) fixture unit." to the end of note number 2.
172			705.1.7	Approve 6/29/10	N	Approve 12/16/10	Modify by deleting "Appendix I" and replacing with "Table 14-1"
173			705.1.9	Approve 6/29/10	N	Approve 12/16/10	Modify by deleting "appropriate Installation Standard listed in Appendix I" and replacing with "applicable standards referenced in Table 14-1"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
174			707.4	Approve 6/29/10	N	Approve 12/16/10	Modify by adding "An additional cleanout shall be provided in a drainage line for each aggregate horizontal change of direction exceeding 135 degrees (2.36 rad)."
P-22		707.4		Approve as Modified 6/29/10	Slight savings	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify language to allow removable fixture traps to serve as a cleanout
175			707.5	Approve 6/29/10	N	Approve 12/16/10	Modify by deleting section "707.5 An additional cleanout shall be provided in a drainage line for each aggregate horizontal change of direction exceeding one hundred and thirty five (135) degrees (2.26 rad)."
176			707.14	Approve 6/29/10	N	Approve 12/16/10	Add new section "707.14"
177			710.1	Approve as Modified 7/13/10	Slight increase	Approve 12/16/10	Modify by adding "Cleanouts for building sewers that pass through a backwater valve shall be clearly identified with a label, sign or markings that are weather resistant on the outside building cleanout stating "backwater valve downstream"."
N/A			710.12.1	Approve 7/13/10		Approve 12/16/10	Add new section "710.12.1"
BCD-4		710.14		Approve 6/29/10	N	Approve 12/16/10	Modify by adding revised section "710.14 Elevator Pit Drains"
178	712.1			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "that plastic pipe shall not be tested with air."
BCD-5		713.1		Approve 7/13/10	N	Approve 12/16/10	Add reference to section "101.4.1.3"
179	717.0			Reject 8/11/10	N	Approve 12/16/10	Modify by deleting "For alternate methods of sizing building sewers, see Appendix L."
180	718.4			Approve 7/13/10	N	Approve 12/16/10	Add new section "718.4"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
181	Table 7-8			Approve as Modified 8/11/10	N	Approve 12/16/10	Modify table by deleting "See also Appendix K, Private Sewage Disposal Systems. For alternate methods of sizing drainage piping, see Appendix L."
P-23		723.0		Approve 7/13/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify to allow air testing of plastic building sewers

#### CHAPTER 8 - INDIRECT WASTES

182	807.4			Approve 7/13/10	N	Approve 12/16/10	Delete existing language in section "807.4" and replace with new language
183	814.0			Approve 7/13/10	N	Approve 12/16/10	Delete section "814.0 Condensate Wastes and Control"
184	814.1			Approve 7/13/10	N	Approve 12/16/10	Delete section "814.1 Condensate Disposal"
185	Table 8-2			Approve 7/13/10	N	Approve 12/16/10	Delete "TABLE 8-2"
186	814.2			Approve 7/13/10	N	Approve 12/16/10	Delete section "814.2 Size"
187	814.3			Approve 7/13/10	N	Approve 12/16/10	Delete section "814.3 Point of Discharge"

#### CHAPTER 9 - VENTS

188			901.2	Approve 7/13/10	N	Approve 12/16/10	Add new section "901.2 Trap Seal Protection"
189			903.1	Approve 7/13/10	N	Approve 12/16/10	Add new section "903.1 Vent pipe and fittings shall be in accordance with the applicable standards referenced in Table 7-1, except that:"
190			903.1.1	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "wrought iron"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
191			903.1.2	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "IS 5, IS 9," and replacing with "the applicable standards referenced in Table 14-1,"
192			903.3	Approve 7/13/10	N	Approve 12/16/10	Delete section "903.3"
P-24		905.2		Approve 7/13/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify by adding to the end of the section "A sanitary tee fitting may be used on its back for a vertical dry vent connection to a horizontal drain"
193			908.0	Approve 7/13/10	N	Approve 12/16/10	Add new section title "908.0 Wet Venting"
194			908.1.1	Approve 7/13/10	N	Approve 12/16/10	Modify by adding new section title "Where Permitted"
195			908.1.2	Approve 7/13/10	N	Approve 12/16/10	Modify by adding new section title "Size"
196			908.1.3	Approve 7/13/10	N	Approve 12/16/10	Modify by adding new section title "Vent Connection"
197			908.2	Approve 7/13/10	Slight savings	Approve 12/16/10	Add new section "Horizontal Wet Venting"
P-25		908.2.1		Approve 7/13/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify by deleting "and for private use"
198			911.0	Approve 7/13/10	N	Approve 12/16/10	Modify by adding new section title "911.0 Engineered Vent System"
199			911.1	Approve 7/13/10	N	Approve 12/16/10	Add new section "911.1 General"
200			911.2	Approve 7/13/10	N	Approve 12/16/10	Add new section "911.2 Minimum Requirements"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
<b>CHAPTER 10 - TRAPS AND INTERCEPTORS</b>							
201			Table 10-1	Approve 7/13/10	N	Approve 12/16/10	Add new "TABLE 10-1 Horizontal Lengths of Trap Arms (Except for water closets and similar fixtures)*"
202			1004.1	Approve 7/13/10	N	Approve 12/16/10	Add new section "1004.1"
203			1005.0	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "water" and replacing with "liquid" in two places
P-1		1006.0		Approve 7/13/10	N	Approve 12/16/10	Submitted by Garth Bentley, City of Beaverton
204	1006.0			Approve 7/13/10	N	Approve 12/16/10	Add new section "1006.0 Floor Drain Traps"
205	Table 10-1.1			Approve 7/13/10	N	Approve 12/16/10	Add new "TABLE 10-1.1 Floor Drains"
206	1007.0			Approve 7/13/10	N	Approve 12/16/10	Add new section title "1007.0 Trap Seal Protection"
207	1007.1			Approve 7/13/10	N	Approve 12/16/10	Add new section "1007.1"
208	1007.2			Approve 7/13/10	N	Approve 12/16/10	Add new section "1007.2"
209	1007.3			Approve 7/13/10	N	Approve 12/16/10	Add new section "1007.3"
210	1007.4			Approve 7/13/10	N	Approve 12/16/10	Add new section "1007.4"
211	1007.5			Approve 7/13/10	N	Approve 12/16/10	Add new section "1007.5"
212	1007.6			Approve 7/13/10	N	Approve 12/16/10	Add new section "1007.6"
213	1006.6			Approve 7/13/10	N	Approve 12/16/10	Delete original section "1006.0 Floor Drain Traps"
214	1007.0			Approve 7/13/10	N	Approve 12/16/10	Delete original section "1007.0 Trap Seal Protection"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
215			1014.1	Approve 7/13/10	N	Approve 12/16/10	Modify by adding "Any combination of hydromechanical, gravity grease interceptors and engineered systems shall be allowed in order to meet this code and other applicable requirements of the Authority Having Jurisdiction when space or existing physical constraints of existing buildings necessitate such installations."
216			1014.2.1	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "Each"
							Modify by adding "Type A and B"
							Modify by deleting "trap" and replacing with "interceptor" in two places
P-32		Table 10-2		Approve 7/13/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Retain grease interceptor sizing by DFU

CHAPTER 11 - STORM DRAINAGE							
217	1101.1			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "In the case of one and two family dwellings, ....." through the end of the section.
218	1101.2.1			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.2.1 Traps Required for Combined Sewers" including a new "Exception"
219	1101.3			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "and changes in direction shall conform to the requirements of Section 706.0"
							Modify by adding "Fittings shall be the same as that specified...roof or deck, or overflow drain"
220	1101.3.1			Approve	N	Approve	Add new section "1101.3.1"
221	1101.3.2			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.3.2"
222	1101.3.3			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.3.3" including new "Exception"
223	1101.3.4			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.3.4"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
224	1101.3.5			Approve	N	Approve	Add new section "1101.3.5"
225	1101.3.6			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.3.6"
226	1101.4			Approve	N	Approve	Delete subsections "(2)" and "(3)"
227	1101.4.1			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.5.1 Connections"
228	1101.5			Approve 7/13/10	N	Approve 12/16/10	Modify by adding new section title "1101.5 Storm and Groundwater Drainage"
229	1101.5.1			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting existing language for section "1101.5.1" and replacing with new title and language for "1101.5.1 Prohibited Use"
230	1101.5.2			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting existing language for section "1101.5.2" and replacing with new title and language for "1101.5.2 Subsoil, Foundation and Absorption Tile Drains" including subsections "(1)" through "(8)"
231	1101.5.3			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting existing language for section "1101.5.3" and replacing with new title "1101.5.3 Dry Wells; Construction, Use and Limitations"
232	1101.5.3.1			Approve	N	Approve	Add new subsection "1101.5.3.1 Construction"
233	1101.5.3.2			Approve 7/13/10	N	Approve 12/16/10	Add new subsection "1101.5.3.2 Location"
234	1101.5.3.3			Approve 7/13/10	N	Approve 12/16/10	Add new subsection "1101.5.3.3 Backfill" including new "Exception"
235	1101.5.3.4			Approve 7/13/10	N	Approve 12/16/10	Add new subsection "1101.5.3.4 Abandonment"
236	1101.7			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "not serving continuously flowing springs or groundwater (see Section 1101.5.2)"
237	1101.10			Approve 7/13/10	N	Approve 12/16/10	Add new section title "1101.10 Catch Basin Specifications"
238	1101.10.1			Approve	N	Approve	Add new section "1101.10.1 General"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
239	1101.10.2			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.10.2 Trap"
240	1101.10.3			Approve	N	Approve	Add new section "1101.10.3 Outlets"
241	1101.10.4			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.10.4 Catch Basin Grates"
242	1101.10.5			Approve 7/13/10	N	Approve 12/16/10	Add new section "1101.10.5 Protection of Piping; Structural Integrity"
243			1102.1	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "constructed of materials specified in Table 14-1." and replacing with "in accordance with the applicable standards referenced in Table 7-1 for above ground drain, waste and vent pipe"
P-26		1102.2		Approve 7/13/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify by deleting section "1102.2" and subsection "1102.2.1"
245			1102.3	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "constructed of materials specified in Section 701.0 Table 14-1." and replacing with "in accordance with the applicable standards referenced in Table 7-1 for above ground drain, waste and vent pipe"
246			1102.4	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "specified in Section 715.0 Table 14-1." and replacing with "in accordance with the applicable standards referenced in Table 7-1 for above ground drain, waste and vent pipe"
P-27		1102.4.1		Approve 7/13/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify existing section "1102.4.1 Fittings"
247	1102.4.1			Reject 7/13/10	N	Approve 12/16/10	Modify by adding new section "1102.4.1 Fittings"
248	1102.5			Approve 7/13/10	N	Approve 12/16/10	Delete section "1102.5 Subsoil Drains" including subsection "1102.5.1" and 1102.5.2

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
249	1104.0			Approve 7/13/10	N	Approve 12/16/10	Delete section title "1104.0 Leaders, Conductors, and Connections"
250	1104.1			Approve 7/13/10	N	Approve 12/16/10	Delete section "1104.1 Improper Use"
251	1104.2			Approve 7/13/10	N	Approve 12/16/10	Delete section "1104.2 Protection of Leaders"
252			1106.4	Approve 7/13/10	N	Approve 12/16/10	Modify by adding "of equal height" to subsection (2)
							Modify by adding new subsection (3)
							Modify by renumbering subsections "3, 4, 5, and 6" to "4, 5, 6 and 7"
							Modify by adding references to the renumbered subsections "6" and "7"
253			Table 11-4	Approve 7/13/10	N	Approve 12/16/10	Modify Table by renumbering name from "11-4" to 11-3"
254			1108.1	Approve 7/13/10	N	Approve 12/16/10	Modify subsection (7), by changing table reference from "11-4" to "11-3"
							Modify subsection (8), by changing table reference from "11-5" to "11-4"
255			Table 11-5	Approve 7/13/10	N	Approve 12/16/10	Modify Table by renumbering name from "11-5" to 11-4"
256			1109.2	Approve 7/13/10	N	Approve 12/16/10	Modify section "1109.2" by adding "except that plastic pipe shall not be tested with air"
P-28		1109.2		Approve 7/13/10	N	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Modify by deleting last sentence "Schedule 40 plastic DWV systems shall not be tested by the air test method"
257			1109.2.3	Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "1109.2.3 Exceptions"
258	1110.0			Approve 7/13/10	N	Approve 12/16/10	Modify by adding new section "1110.0 Abandoned Storm Sewers"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
259	Table 11-1			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting existing "TABLE 11-1 Sizing Roof Drains, Leaders, and Vertical Rainwater Piping" including metric table and replacing with new "table" including "metric table"
260			Table 11-1	Approve 7/13/10	N	Approve 12/16/10	Modify table title by deleting "Leaders" including title of "metric table"
261	Table 11-3			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "TABLE 11-3 Size of Gutters", including "metric table"

#### CHAPTER 12 - FUEL PIPING

262	Ch 12			Approve 7/13/10	N	Approve 12/16/10	Modify by deleting "CHAPTER 12 Fuel Piping"
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#### CHAPTER 13 - HEALTH CARE FACILITIES, MEDICAL GAS AND VACUUM SYSTEMS

P-30	<p><b>New Proposal includes the following Sections:</b> 1302.2, 1302.3, 1302.4, 1309.1, 1309.2, 1309.3, 1310.6, 1310.19, 1311.2, 1311.3, 1311.5, 1311.6, 1311.6.1, 1311.6.2, 1311.6.3, 1311.6.4, 1311.6.5, 1311.6.6, 1316.5, 1327.1, 1327.12, 1328.0, 1328.1, 1328.1.1, 1328.2, 1328.2.1, 1328.2.2, 1328.2.3, 1328.2.4, 1328.2.5, 1328.2.6, 1328.2.7, 1328.2.8, 1328.2.9, 1328.2.10, 1328.3, 1328.4, 1330.8</p>			Approve 7/13/10	Moderate savings	Approve 12/16/10	Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors
263	1310.26			Approve 7/13/10	N	Approve 12/16/10	Add new section "1310.26 Piped Vacuum System - Level 3"
264	1310.27			Approve 7/13/10	N	Approve 12/16/10	Add new section "1310.27 Compressed Air System - Level 3"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
265	1310.28			Approve 7/13/10	N	Approve 12/16/10	Add new section "1310.28 - Level 1"
266	1310.29			Approve 7/13/10	N	Approve 12/16/10	Add new section "1310.29 - Level 2"
267	1310.30			Approve 7/13/10	N	Approve 12/16/10	Add new section "1310.30 - Level 3"
268	1320.4			Approve 7/13/10	N	Approve 12/16/10	Modify by correcting spelling error "hair" to "air"
269			1326.4	Approve 7/13/10	N	Approve 12/16/10	Modify by changing reference for section 1316.1 to "1316.3"
							Modify by deleting "either black or galvanized" and replacing with "stainless, galvanized, or black steel pipe"
							Modify by adding "to be used"
270	Part III			Approve 7/13/10	N	Approve 12/16/10	Add new title "Part III - Level 2 Medical Gas and Vacuum Systems"
271	1329.0			Approve 7/13/10	N	Approve 12/16/10	Add new title "1329.0 Level 2 Medical Gas and Vacuum Systems"
272	1329.1			Approve 7/13/10	N	Approve 12/16/10	Add new section "1329.1"
273	Part IV			Approve 7/13/10	N	Approve 12/16/10	Add new title "Part IV - Level 3 Piped Gas and Vacuum Systems"
274	1330.0			Approve 7/13/10	N	Approve 12/16/10	Add new title "Level 3 Piped Gas and Vacuum Systems"
275	1330.1			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.1"
276	1330.2			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.2"
277	1330.3			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.3"
278	1330.4			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.4"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
279	1330.5			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.5"
280	1330.6			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.6"
281	1330.7			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.7"
282	1330.8			Approve 7/13/10	N	Approve 12/16/10	Add new section "1330.8" including subsection "(1)"
283	Table 13-3			Approve 7/13/10	N	Approve 12/16/10	Modify column name "Location" to "Location Level 1"
							Modify table for "Intensive care (all)" from "3/bed" to "2/bed" under the "Oxygen" column
							Modify table by adding two new Locations "Newborn intensive care" and "PACU recovery Rooms"
							Modify table by changing Oxygen, Medical Vacuum and Medical Air requirements for Nursery from "1/2/bed, 1/2/bed and 1/1/bed" to "1/8/bed, 1/8/bed and 1/8/bed"
							Modify table by changing Medical Vacuum requirements for General operating rooms from "3/rooms" to "4/rooms"

#### CHAPTER 14 - REFERENCED STANDARDS

285	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AASHTO M36-1991"
286	Table 14-2			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AASHTO M196-1992"
287	Table 14-3			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AASHTO M218-1987"
288	Table 14-4			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AASHTO M252-2002"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
289	Table 14-5			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AASHTO M274-1987"
290	Table 14-6			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AASHTO M294-2004"
291	Table 14-7			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "APSP 1-2003"
292	Table 14-8			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASCE 25-2006"
293	Table 14-9			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASHRAE 90.1-2004"
294			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASME A112.4.14-2004"
295			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASME A112.14.6-2006"
296			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASME A112.19.2-2001 " to "2006"
297			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASME A112.19.14-2001 " to "2006"
298			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASME A112.19.15-2001 " to "2005"
299			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASME A112.19.19-2006"
BCD-6		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME A112.20.1-2004"
BCD-7		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME A112.20.2-2004"
300			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASME B16.15-2004 " to "2006"
301	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME B16.20-1998 (R2004)"
302	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME B16.21-2005"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
303			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASME B16.24-2001" to "2006"
304			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASME B16.29-2001" to "2007"
305	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME B16.33-2002 (R2007)"
306	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME B16.40-2002"
307			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASME B16.47-1996" to "2006"
BCD-8		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME B31.1-2007"
BCD-9		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME B36.10M-2004"
BCD-10		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME B36.19M-2004"
BCD-11		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME Section IV"
BCD-12		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME Section VIII"
BCD-13		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASME Section IX"
308			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASSE 1001-2002" to "2008"
309	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASSE 1005-1999"
310			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASSE 1025-1978"
311	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASSE 1055-1997"
312	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASSE 1057-2001"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
313			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASSE 1060-2006"
314			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASSE 1061-2006"
315			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASSE 1079-2005"
BCD-14		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASSE Series 5000-2004"
BCD-15		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASSE 6000-2006"
316			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM A 74-2004 " to "2006"
317			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM A 269-2004 " to "2007a"
318			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM A 312-2006 " to "2007"
319	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM A 479-2006a"
320	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM A 760-1993"
321			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM B 187-2006"
322	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM B 209-1992"
323	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM C 76-2005"
324			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM C 1440-2003 " to "2007"
325			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM D 1784-2003 " to "2007"
326			Table 14-2	Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM D 2282-2005"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
327	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM D 2513-2007b"
328	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM D 2517-2006"
329			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM D 2665-2004 " to "2008"
330			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM D 2683-2004"
331			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM D 2774-2004e1"
332			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM D 3035-2003 " to "2006"
333			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM D 3261-2003"
334	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM D 3753-1990"
335	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM F 446-1985 (R2004)e1"
336			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 1055-1998 (R2006)"
337			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM F 1216-2006 " to "2007b"
338			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM F 1281-2005 " to "2007"
339			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 1335-2004"
340			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 1336-2007"
341			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM F 1476-2004 " to "2007"
342			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 1488-2003"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
343			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 1499-2001"
344			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM F 1807-2005" to "2007ael"
345			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "ASTM F 1866-2005" to "2007"
346	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM F 1924-2005"
347	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM F 1948-2005"
348			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 1960-2007a"
349	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM F 1973-2005"
350	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 2306-2005"
351	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 2389-2004"
352	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "ASTM F 2509-2006"
BCD-16	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ASTM F 2648-2007"
BCD-17		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "AWS B2.2-1991"
353		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "AWS B2.4-2006"
354			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "AWWA C111-2000" to "2007"
355			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AWWA C153-2006"
356			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "AWWA C900-1997" to "2007"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
357			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "AWWA C904-2006"
BCD-18		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CGA V-1 2005"
BCD-19		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CGA S-1.3-2005"
358	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CISPI 301-2005"
359	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA No.3-1992"
360			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B64-2001 " to "2007"
361			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B64.1.1-2001 " to "2007"
362			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B64.1.2-2001 " to "2007"
363			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B64.2-2001 " to "2007"
364			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B64.4-2001 " to "2007"
365			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "CSA B79-2005"
366			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "CSA B128.1-2006/B128.2-2006"
367			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B137.1-2001 " to "2005"
368			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B137.5-2001 " to "2005"
369			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B137.9-2001 " to "2005"
370			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B137.10-2001 " to "2005"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
371			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B181.3-2002 " to "2006"
372			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA B242-2004 " to "2005"
373			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA B272-1993"
374			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA G401-2001 " to "2007"
375	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA LC1-2005"
376	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA LC4-2007"
377	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.5.1-2006"
378	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.5.2a-2006"
379			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA Z21.10.3a-2004 " to "2007"
380	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.12b-1994(R2000)"
381			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "CSA Z21.13b-2005 " to "2007"
382	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.5.15b-2006"
383	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.24-2006"
384	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.40.1a-1997"
385	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.41a-2005"
386	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.47a-2007"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
387	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.69b-2006"
388	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.80a-2005"
389	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.81a-2007"
390	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z21.86b-2007"
391	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z80.11-2006"
392	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "CSA Z317.1-199(R2002)"
393			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "FCI 74-1-1991"
394	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 67-2005"
395	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 111-1999"
396			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 154-2006a"
397			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 157-2007"
398	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 161-2002"
399			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 172-2005"
400	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 187-2003"
401	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 188-2004"
402			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 193-2006"

<b>Item Number</b>	<b>Existing 2008 OPSC</b>	<b>New Proposals</b>	<b>2009 UPC</b>	<b>Committee Recom.</b>	<b>Fiscal Impact (yes, no)</b>	<b>Board Action</b>	<b>Comments</b>
403			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 194-2004a"
404	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 195-2004"
405			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 217-2007"
406	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 224-2005"
407			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO IGC 226-2006a"
408	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO PS 16-2004"
409	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "IAPMO PS 33-2007a"
410			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "IAPMO PS 43-1991 " to "2007"
411			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "IAPMP PS 54-2003 " to "2006"
412	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "IAPMO PS 59-1992"
413			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "IAPMO PS 64-1998 " to "2007"
414	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "IAPMO PS 107-1998"
415	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "IAPMO PS 108-1998"
416	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "IAPMO Z1000-2007"
417			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "IAPMO Z1001-2007"
418	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "A117.1-2003"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
419			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "ISEA Z358.1-2004"
420	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 13R-2007"
421	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 13D-2007"
422	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 31-2006"
423	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 54/Z223.1-2006"
424	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 58-2004"
425	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 85-2007"
426	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 99-2005"
427			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "NFPA 99C-2005 " to "2002"
428	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 130-2007"
429	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 211-2006"
BCD-20		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NFPA 502-2008"
BCD-21		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NSF 1989-2008"
430			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "NSF 2-2007"
431			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "NSF 3-2003 " to "2007"
432			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "NSF 4-2007e"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
433			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "NSF 5-2005"
434			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "NSF 12-2005 " to "2007"
435			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "NSF 14-2004 " to "2007"
436			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "NSF 18-2006 " to "2007"
437			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "NSF 29-2003 " to "2007"
438			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "NSF 55-2007"
439			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "NSF 169-2007"
440			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "NSPI 1-2003"
441			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "PDI G-101-1996 " to "2007"
442			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "PSAI Z4.1-1986(R2005)"
443			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "TCNA A118.10-1999 " to "2005"
444	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 70-2001"
445	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 80-2007"
446	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 103-2001"
447	Table 14-2			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 125-2007"
448	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 132-2007"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
449	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 144-1999"
450	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 207-1993"
451	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 252-2003"
452	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 263-2003"
453	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 296-2003"
454	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 343-1997"
455	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 352-2006"
456	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 378-2006"
457	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 404-2005"
458			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 429-1999"
459	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 441-1996"
460	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 443-2006"
461			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "UL 499-1997" to "2005"
462	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 536-1997"
463	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 565-1998"
464	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 569-1995"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
465			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "UL 723-2004 " to "2008"
466	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 959-2001"
467	Table 14-1			Approve 8/11/10	N	Approve 12/16/10	Delete Standard Number "UL 1081-1997"
468			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 1206-2003"
469			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 1261-2001"
470			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 1331-2005"
471			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 1469-2006"
472			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 1479-2003"
473			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 1951-1994"
474			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Add new Standard Number "UL 2157-1997"
475			Table 14-1	Approve 8/11/10	N	Approve 12/16/10	Modify date for Standard Number "WQA S-300-1991 " to "2000"
<a href="#">BCD-22</a>		Table 14-1		Approve 8/11/10	N	Approve 12/16/10	Delete Notes subsections "1 through 7"

### CHAPTER 15 - FIRESTOP PROTECTION

476			1504.2	Approve 7/13/10	N	Approve 12/16/10	Modify by adding "or UL 1479."
477			1504.3	Approve 7/13/10	N	Approve 12/16/10	Modify by adding "or UL 1479."

### CHAPTER 16 - NONPOTABLE WATER REUSE SYSTEMS

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
478			1613.0	Approve 8/11/10	N	Approve 12/16/10	Modify Section 1613.0 (A) by adding to the end of the first sentence "uses such as water features and other uses approved by the Authority Having Jurisdiction. Potable water supplied as makeup water in these systems shall be protected against back-pressure and back siphonage in accordance with Sections 602.0 and 603.0"
							Modify Section 1613.3 (A) by deleting the remainder of the language
							Modify Section 1613.0 by adding a new subsection "D"
479			1614.0	Approve 8/11/10	N	Approve 12/16/10	Modify Section 1614.0 by deleting entire section and replacing with new language "Reclaimed Water - Nonpotable water that meets or as a result of treatment, meets federal requirements for its intended uses. The level of treatment and quality of the reclaimed water shall be approved by the Authority Having Jurisdiction."
480			1617.0	Approve 8/11/10	N	Approve 12/16/10	Delete Section "1617.0 Pipe Material/Pipe Identification"
481			1617.1	Approve 8/11/10	N	Approve 12/16/10	Add new Section Title and "1617.1 Pipe Material/Pipe Identification"
482			1617.1	Approve 8/11/10	N	Approve 12/16/10	Add new Section "1617.1 Pipe Materials"
483			1617.2	Approve 8/11/10	N	Approve 12/16/10	Add new Section "1617.2 Color and Information"
484			1618.0	Approve 8/11/10	N	Approve 12/16/10	Modify subsection (B) by deleting "may be required by this chapter" and replacing with "required for cross connection test in Section 1620.0"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
485			1619	Approve 8/11/10	Slight cost increase	Approve 12/16/10	Modify subsection (A) by deleting section title "Room Entrance Signs" and replacing with "Commercial, Industrial and Institutional Room Entrance Signs"
							Modify the title in subsection (B) from "Equipment Room Signs" to "Room Signs"
							Modify the "CAUTION" statement in subsection (B) by adding the word "NONPOTABLE"
							Modify subsection (C) by adding the word "NONPOTABLE"
							Modify by deleting subsection "(E) Valve Seals"

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
486			1620.0	Approve as Modified 8/11/10	Slight cost savings	Approve 12/16/10	Modify subsection (A) by adding "inspected and"
							Modify subsection (B) by deleting "cross connection"
							Modify subsection (B) by adding "The potable and reclaimed water system shall be isolated from each other and independently inspected and tested to ensure there is no cross-connection"
							Modify subsection (C ) by adding "Alternate testing requirements shall be permitted by the Authority Having Jurisdiction"
							Modify subsection (C ) by deleting "The health officer or other designated appointee may substitute for the Authority Having Jurisdiction in the above mentioned inspections and tests"
487			1622.0	Approve 8/11/10	N	Approve 12/16/10	Delete section "1622.0 Approved Uses of Reclaimed Water"

**APPENDIX A - RECOMMENDED RULES FOR SIZING THE WATER SUPPLY SYSTEM**

488			Table A-2	Approve 8/11/10	N	Approve 12/16/10	Modify table by adding "per head", "Flushometer Valve" and "Flushometer Valve"
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**APPENDIX B**

Not adopted in Oregon

**APPENDIX C**

Not adopted in Oregon

**APPENDIX D**

Not adopted in Oregon

Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
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<b>APPENDIX E - MANUFACTURED/MOBILE HOME PARKS AND RECREATIONAL VEHICLE PARKS</b>
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489	Part A			Approve 8/11/10	N	Approve 12/16/10	Delete section "E 1.0 Manufactured/Mobile Home"
490	Part A			Approve 8/11/10	N	Approve 12/16/10	Delete section "E 3.0 Manufactured/Mobile Home Park"
491	Part B			Approve	N	Approve	Delete section "E 10.0 Location of Lot Drain Inlet"
492	Part C			Approve	N	Approve	Delete section "E 15.0 Location of Water Service"
493	Part D			Approve 8/11/10	N	Approve 12/16/10	Delete entire section "Part D Fuel Supply"
494	Part F			Approve 8/11/10	N	Approve 12/16/10	Delete section "E 48.0"
495	Part F			Approve 8/11/10	N	Approve 12/16/10	Delete section "E 51.0"
496	Part H			Approve 8/11/10	N	Approve 12/16/10	Delete from section E 68.0 "within four (4) feet (1,219 mm) of the stand."
497	Part J			Approve 8/11/10	N	Approve 12/16/10	Delete "within four (4) feet (1,219 mm) of the stand"
498	Part K			Approve 8/11/10	N	Approve 12/16/10	Delete section "E 79.0"
499	Part K			Approve 8/11/10	N	Approve 12/16/10	Delete section "E 82.0"
500	Part M			Approve 8/11/10	N	Approve 12/16/10	Delete entire section "Part M Recreational Vehicle Park Fuel Gas Equipment and Installations"

<b>APPENDIX F - FIREFIGHTER BREATHING AIR REPLENISHMENT SYSTEMS</b>
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501	Appendix F			Approve 8/11/10	N	Approve 12/16/10	Delete entire "APPENDIX F Firefighter Breathing Air Replenishment Systems"
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<b>APPENDIX G</b>
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Not adopted in Oregon
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Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
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**APPENDIX H**

Not adopted in Oregon

**APPENDIX I**

P-29		Entire Appendix		Approve 8/11/10	None discernable	Approve 12/16/10	<b>Submitted by Tracy Rutten, Oregon Association of Plumbing, Heating and Cooling Contractors:</b> Delete all of Appendix I
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**APPENDIX J**

Not adopted in Oregon

**APPENDIX K - PRIVATE SEWAGE DISPOSAL SYSTEMS**

502	Appendix K			Approve 8/11/10	N	Approve 12/16/10	Delete entire "APPENDIX K private Sewage Disposal Systems"
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**APPENDIX L - ALTERNATE PLUMBING SYSTEMS**

503			Appendix L	Approve 8/11/10	Not able to indicate	Approve 12/16/10	Add new "APPENDIX L Alternate Plumbing Systems"
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**APPENDIX M - RAINWATER HARVESTING SYSTEMS**

504	Appendix M			Approve 8/11/10	N	Approve 12/16/10	Modify Appendix M by adding "and the Building Codes Division Alternate Method Rulings No. OPSC 08-01 and 08-03" to the end of the introductory paragraph
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Item Number	Existing 2008 OPSC	New Proposals	2009 UPC	Committee Recom.	Fiscal Impact (yes, no)	Board Action	Comments
505	<b>QUESTIONS FOR RULE ADVISORY COMMITTEES TO CONSIDER WHEN ADOPTING RULES</b>						
Is there a fiscal impact? <b>YES</b> or <b>NO</b>							
1	Is the state or any unit of local government likely to be economically affected by the rule change? If yes, how and to what extent?					Yes - includes the purchase of code books and training.	
2	Who else is likely to be economically affected by the rule change? How will they be affected?					Includes anyone who uses the plumbing code. Some will experience savings and some will experience added cost.	
3	Assuming there is a fiscal impact, estimate the number of small businesses and the types of businesses and industries affected by the proposed rules.					Includes anyone who uses the plumbing code. Some will experience savings and some will experience added cost.	
4	Assuming that there is a fiscal impact on small businesses, please provide a description and specifically address all of the following:						
4a	<i>A description of expected reporting, record keeping, and administrative activities required to comply with the proposed rules</i>					Libraries, building departments, filing of rules.	
4b	<i>An estimate of the cost of professional services required to comply with the proposed rules</i>					Cost is undefinable, but could increase for labeling and standards for water temperature control.	
4c	<i>An identification of the equipment, supplies, and labor and increased administration required to comply with the proposed rules.</i>					Undefinable - but cost will increase or decrease as labor is increased or decreased.	