

2008 OREGON PLUMBING SPECIALTY CODE AMENDMENTS						
DRAFT 1 (6-20-2007)						
Item Number	Existing 2005 OPSC	New Proposals	2006 UPC	Committee Recommendation	Board Recommendation	Comments
1		Adopt the 2006 edition of the UPC as the model code		Adopt		Create a new Oregon plumbing code based on the 2006 edition of the Uniform Plumbing Code as the model code.
CHAPTER 1 ADMINISTRATION						
2	Chapter 1			Adopt		Delete Chapter 1 - Administrative provisions are adopted in Oregon administrative rules.
CHAPTER 2 DEFINITIONS						
3			206.0	Adopt		Tentative Interim Amendment (TIA) Definition of Design Flood Elevation. This code section was submitted to IAPMO by the U.S. Department of Homeland Security/FEMA to be consistent with the National Flood Insurance Program.
4			207.0	Reject		New definition for Excess Flow Valve. The section covers a subject which is beyond the scope of the code.
5			208.0	Adopt		Tentative Interim Amendment

						(TIA) Definition of Flood Hazard Area. This code section was submitted to IAPMO by the U.S. Department of Homeland Security/FEMA to be consistent with the National Flood Insurance Program.
6			208.0	Adopt		New definition for FOG Disposal System.
7			209.0	Adopt		New definition for Gravity Grease Interceptor.
8			209.0	Adopt		New definition for Grease Interceptor.
9			209.0	Adopt		New definition for Grease Removal Device (GRD)
10			209.0	Reject		New definition for Grease Trap. Reason for rejecting is that the language limits the device to serve only 4 fixtures and new devices can serve many more.
11			210.0	Adopt		New definition for Hot Water.
12			210.0	Adopt		New definition for Hydromechanical Grease Interceptor.
12.1		212.0		Adopt		New Oregon amendment to definition of "Joint, Brazed" to make temperature consistent with section 316.1.7.
13	218.0			Adopt		Amend definition of Plumbing System deleting: " liquid and fuel gas piping, and water

						heaters and vents for same.
14	218.0			Adopt		Amend definition of Private Sewage Disposal System as follows: "set forth elsewhere in this code <u>by other regulating agencies</u> ."
15			218.0	Adopt		New definition for PVDF - Polyvinylidene Fluoride.
16	220.0			Adopt		Amend definition of Roughing-In deleting: " gas piping ". The section covers a subject which is beyond the scope of the code.
17	221.0			Adopt		Amend definition of Septic Tank deleting: " meeting the requirements of this code ." The section covers a subject which is beyond the scope of the code.
18			224.0	Adopt		New definition for Vented Flow Control Device.

CHAPTER 3 GENERAL REGULATIONS						
19			301.2, 301.2.1, 301.2.1.1, 301.2.1.2	Adopt		The changes clarify the intent of the sections, removes non-essential language and allows the AHJ to limit the scope of approval.
20			301.3, 301.3.1, 301.3.2	Adopt		Tentative Interim Amendment (TIA) addresses Flood Hazard Resistance. This code section was submitted to IAPMO by the U.S. Department of Homeland

						Security/FEMA to be consistent with the National Flood Insurance Program.
21			301.4, 301.4.1, 301.4.2, 301.4.3, 301.4.4, 301.4.5, 301.4.6	Reject		New code sections addressing Alternate Engineered Design. Alternate plumbing designs are covered in Oregon administrative rule 918-008-0095.
22			307.1	Adopt		Deletes " or other Authority Having Jurisdiction. " Because it is subjective.
23			311.5	Adopt		Model code changes clarify the intent of section by requiring pipe, fittings and devices to meet standards.
24			313.3	Adopt		Model code changes deletes unenforceable language and places provisions back to minimum standards referenced.
25			313.9	Adopt		Model code changes which better define nail plate requirements.
26		313.9		Adopt		New Oregon amendment correcting grammar and deleting reference to section 1211.3.4 which is beyond the scope of the code.
27			313.10.1	Adopt		Model code changes exempting pipe sleeves for drilled or bored holes in concrete where pipe sleeves are not necessary to protect piping.

28			313.11	Adopt		Model code change deleting “ or as required by the proper Authority Having Jurisdiction. ” Because it is subjective.
29			313.12.4	Adopt		New model code section to address tub waste openings in framed construction for improved rat proofing.
30			314.3	Adopt		Model code change deleting subjective language referencing being acceptable to the Authority Having Jurisdiction.
31			314.5	Adopt		Model code changes clarifying that all piping, fixtures, appliances, and appurtenances shall be adequately supported in accordance with the code, manufacturer’s instructions and the Authority Having Jurisdiction.
32			314.5.1	Adopt		Model code change deleting entire section because seismic zones are no longer referenced in the code.
33	314.7			Adopt		Existing Oregon amendment deleting the entire section because it addresses fuel gas piping which is beyond the scope of the code.
34			315.1	Adopt		Model code changes to remove subjective Language.
35			316.1.6	Adopt		Model code change addressing the use of transitional solvent cement for exterior underground

						PVC/ABS building drain to sewer connections only. This clarifies the use of the cement within the products listing limitations.
35.1		316.1.6		Adopt		Create a new Oregon amendment as follows: 316.1.6 Solvent Cement Plastic Pipe Joints. Plastic pipe and fittings designed to be joined by solvent cementing shall comply with appropriate IAPMO <u>Installation S manufacturer's installation standards</u> . ABS pipe and fittings shall be cleaned and then joined with solvent cement(s). CPVC pipe and fittings shall be cleaned and then joined with listed primer(s) and solvent cement(s). Exception: Listed solvent cements that do not require the use of primer shall be permitted for use with CPVC pipe and fittings, manufactured in accordance with ASTM D2846, 1/2 inch through 2 inches in diameter. PVC pipe and fittings shall be cleaned and joined with primer(s) and solvent cement(s). A solvent cement transition joint between ABS and PVC building drain or building sewer shall be made using a listed transition solvent cement.

						<u>Exception: PVC/DWV piping may be joined without the use of a primer.</u> This is consistent with previous plumbing board interpretations allowing the cementing of PVC/DWV without the use of a primer.
36			316.1.7	Adopt		Model code change prohibiting the use of low temperature brazing alloys. Brazing is defined by the American Welding Society and NFPA as 1000° F or greater.
37			316.2.1	Adopt		Model code changes allows for brazing, flaring and pressed joints for copper tubing to screw pipe joints. This is a new approved type of pipe joining system.
38	316.2.2			Adopt		Existing Oregon amendment deleting reference to gas piping provisions. Gas piping is beyond the scope of the plumbing code.
39			318.4	Adopt		Model code change deleting: “318.4 Soil and drain pipes located above such areas shall be subjected to a standing water test of not less than twenty five feet (25) feet (7620 mm).” The code provisions conflict with the drain testing requirements in section 712.0.
40			318.7	Adopt		Model code change deleting: “318.7 In lieu of the above, any

						other method may be approved by the Authority Having Jurisdiction." The provision is subjective and unenforceable.
CHAPTER 4 PLUMBING FIXTURES AND FIXTURE FITTINGS						
41			401.1	Adopt		Model code change deleting subjective reference to Authority Having Jurisdiction.
42			401.3	Adopt		New model code section clarifying that all fixture fittings must be listed to the NSF 61 standard. This is a standard which protects the potable water from toxic substances.
43			402.3	Adopt		Model code change which removes exceptions for blowout urinals. These urinals do not meet the water conservation requirements in Oregon.
44	402.4			Adopt		Existing Oregon amendment clarifying when self-closing lavatory faucets are required. This amendment clarifies the code and makes it very clear as to which lavatory faucets are required to be self-closing and which do not.
45			403.0, 403.1	Adopt		Model code change which relocates sections 403.0 and 403.1 to section 406.3 and 406.4. The sections were not located in the proper part of the

						code.
46			405.3	Adopt		Model code changes which renumber the section from 406.3 to 405.3 and delete reference to concrete and cement. This change allows for concrete cement sinks which are now manufactured and in use.
47			405.4	Adopt		Model code change deleting section which was previously numbered 406.4 Concealed Fouling Surfaces. The code provision contained no code requirement and was just a statement.
48			406.1	Adopt		Model code changes which renumber the section and requires prior approval by the Authority Having Jurisdiction for these types of fixtures to ensure the drain and water connections meet the code.
49			406.3, 406.4	Adopt		Model code change which relocates sections 403.0 and 403.1 to section 406.3 and 406.4. This moves the sections to the proper part of the code.
50			407.3	Adopt		Model code change deleting section 407.3. This deletes the portion of the code which was added to section 406.1.
51			408.2.2	Adopt		Model code change adding the following: " <u>or have an automatic</u>

						<p><u>seat cover dispenser.”</u> Open front toilet seats will not work with an automatic seat cover dispenser. This allows for these types of devices on public toilet seats.</p>
52			411.5	Adopt		<p>Model code change deleting section 411.5 Flush Valves in Flush Valve Tanks. This section of code is no longer needed because of current approved plumbing product standards.</p>
53			411.4	Adopt		<p>Model code change removing the following: “where drainage occurs on a regular or frequent basis, or as otherwise required by the Authority Having Jurisdiction.” This language is subjective and not clear or enforceable.</p>
54			411.7	Adopt W/Amendment		<p>Tentative Interim Amendment (TIA) addresses shower compartment sizing. Delete the test: “where an existing bathtub is replaced by” and insert the word: “for.” The reason for the change is to allow new installations of showers of this size. If the shower is acceptable for remodeling it should also be acceptable for new construction.</p>
55			412.0, 412.1, 412.2, 412.2.1,	Adopt		<p>Existing Oregon amendment deleting these sections because they</p>

			412.2.2, 412.3, 412.4, 412.4.1, 412.4.2, 412.4.3, 412.5, 412.5.1, 412.5.2, 412.5.3, 412.6, 412.7			are structural code provisions addressing the minimum number of required plumbing fixtures.
56			414.0	Adopt		Model code changes to provide requirements for both bathtubs and whirlpool bathtubs for installation and access of pumps.
57			414.1	Adopt		Model code changes which renumber the section and set limitations for access to service whirlpool pump equipment.
58			414.5	Adopt		Model code changes which renumber the section and set water temperature limitations for bathtubs and whirlpool bathtubs to prevent scalding.
59	Table 4-1			Adopt		Existing Oregon amendment deleting the table for minimum plumbing facilities because this is addressed in the structural code.

CHAPTER 5 WATER HEATERS						
60		501.0		Adopt		New Oregon amendment deleting: “together with all chimneys, vents, and their connections.” And “A list

						of accepted gas equipment standards is included in Table 14-1. This is beyond the scope of the plumbing code and is covered in the mechanical code.
61	502.1, 502.2, 502.3, 502.4, 502.5, 502.6, 502.7, 502.8, 502.9, 502.10			Adopt		Existing Oregon amendment deleting these sections which address mechanical code installations.
62			502.11	Adopt		New model code section defining Indirect-Fired Water Heater. This is an approved method to heat potable water.
63	502.12, 502.13, 502.14			Adopt		Existing Oregon amendment deleting these sections. This is beyond the scope of the plumbing code and is covered in the mechanical code.
64	502.1, 502.2, 502.3			Adopt		Existing Oregon amendment adding definitions for Hot Water Supply Boiler, Direct-Vent Water Heater and defining water heaters which are regulated by the code and which are regulated by the boiler code.
65	504.1			Adopt		Existing Oregon amendment deleting Inspection of Chimneys or Vents. This is beyond the scope of the plumbing code and is covered in

						the mechanical code.
66			505.1, 505.1.1, 505.1.2	Adopt		New model code amendment allowing fuel fired water heaters to be installed in a closet in a bedroom or bathroom. This is already allowed by Oregon amendment.
67	505.1			Reject		Existing Oregon amendment allowing fuel fired water heaters to be installed in a closet in a bedroom or bathroom. New model code change makes the Oregon amendment no longer needed.
68	505.6			Adopt		Existing Oregon amendment deleting " automatic gas shutoff devices, ". This is beyond the scope of the plumbing code and is covered in the mechanical code.
69			506.1	Adopt		New model code amendments to clarify code requirements.
70	506.1			Adopt		Existing Oregon amendments deleting references to vents or chimneys and combustion air. This is beyond the scope of the plumbing code and is covered in the mechanical code.
71	507.5			Adopt		Existing Oregon amendment. This is beyond the scope of the plumbing code and is covered in the mechanical code.
72			506.4, 506.4.1, 506.4.2	Adopt		New model code sections which address single and double wall heat

						exchangers for indirect-fired water heaters. This will allow single wall heat exchangers in certain applications.
73	507.0, 507.1, 507.1.1, 507.1.1.1, 507.1.1.2, 507.1.1.3, 507.1.1.4, 507.1.2, 507.1.3, 507.1.4, 507.2, 507.2.1, 507.2.2, 507.3, 507.4, 507.4.1, 507.4.2, 507.5, 507.5.1, 507.5.2, 507.5.3, 507.6, 507.7, 507.7.1, 507.7.2, 507.7.3.			Adopt		Existing Oregon amendment deleting the sections because they address mechanical code provisions.
74			507.8	Reject		Tentative Interim Amendment (TIA) addressing Louvers and Grilles Screens. This new language clarifies the code section.

75	507.9			Adopt	Existing Oregon amendment deleting this section. This is beyond the scope of the plumbing code and is covered in the mechanical code.
76	508.0, 508.1.			Reject	Existing Oregon amendment addressing protection from damage. This is necessary to protect water heaters in garages from vehicular damage.
77	508.5, 508.6, 508.6.1, 508.6.2, 508.6.3, 508.7, 508.8, 508.9, 508.10, 508.11, 508.12, 508.12.1, 508.12.2, 508.12.3, 508.12.4.			Adopt	Existing Oregon amendment deleting sections. This is beyond the scope of the plumbing code and is covered in the mechanical code.
78		508.13		Adopt	New Oregon amendment: " appliances <u>water heaters</u> ". This is necessary to clarify that the section applies to water heaters.
79		508.14(4)		Adopt	New Oregon amendment as follows: " <u>(4) Electric water heaters installed in garages may be installed at floor level.</u> " This will eliminate the raising water heaters on a stand.

						No safety problems have been reported with electric water heaters in garages.
80	508.18, 508.19, 508.20, 508.21, 508.22, 508.23, 508.23.1, 508.23.2, 508.23.3, 508.23.4, 508.23.5, 508.23.6, 508.24, 508.24.1, 508.24.2, 508.24.3, 508.24.4, 508.24.5.			Adopt		Existing Oregon amendment deleting these sections. This is beyond the scope of the plumbing code and is covered in the mechanical code.
81	508.27, 509.0, 509.2.			Adopt		Existing Oregon amendment deleting these sections. This is beyond the scope of the plumbing code and is covered in the mechanical code.
82	509.0			Reject		Existing Oregon amendment addressing Access and Working Space. New model code changes make the Oregon amendment unnecessary.

83			509.4, 509.4.1, 509.4.2, 509.4.3, 509.4.4, 509.4.5.	Adopt		New model code amendments addressing water heaters in attics. This is needed to address access and other provisions.
84	510.0 through Table A.9.3.2.1.			Adopt		Exiting Oregon amendment deleting mechanical code provisions.

CHAPTER 6 WATER SUPPLY AND DISTRIBUTION						
85			601.1	Reject		Model code change which adds an exception for plumbing fixtures that do not require a water connection. This section is unnecessary and indirectly addresses waterless urinals.
86		601.1		Adopt		New proposal to delete model code change which adds an exception for plumbing fixtures that do not require a water connection. This section is unnecessary and indirectly addresses waterless urinals.
87			602.2	Adopt		Model code change adding the sentence: " <u>Each point of use shall be separately protected when potential cross-contamination of individual units exists.</u> " This

						language makes it clear that each point of use must be protected from cross-connections.
88			Table 6-2	Adopt		Model code revision changing spill proof vacuum breaker to spill resistant. These backflow devices can and do spill water at times.
89a & 89b		603.0		Reject		New proposed amendment addressing backflow device approval. Model code language preferred because not all backflow assemblies are listed by the Department of Human Services list. The list is also referenced in rule in OAR 918-770-0320(3). 89a & 89b are identical submittals.
90			603.1	Adopt W/Amendment		Model code change clarifying backflow device testing. Amend by deleting "Authority Having Jurisdiction" and replace with "local water purveyor". Under the Department of Human Services rules the local water purveyor is the AHJ for backflow device testing requirements.
91a & 91b		603.3.3/Table 14-1		Reject		New proposed amendment addressing backflow device approval, Department of Human Services administrative rules and other provisions. Rejected because the provisions go beyond the

						scope of the plumbing code which is only applicable to new installation and not maintenance. 91a & 91b are identical submittals.
91c		603.3.3/Table 14-1		Adopt		Create a new Oregon amendment adding the ASTM F 2306-2005 standard to Table 14-1. The standard is the latest industry standard for 12" to 60" double walled CPE storm drainage piping.
92			603.3.8	Adopt		Model code change to include outdoor enclosures for protection of backflow devices from freezing. This is needed because all parts of the state are subject to freezing weather.
93			603.3.9	Adopt		Model code change adding a new section for sizing of backflow device drains. Drains are not currently addressed in the code for sizing. If they are not sized correctly they may overflow when used.
94			603.3.10	Adopt		Model code change creating a new section which addresses proper installation of plumbing fixture components to protect from creating a cross-connection. This allows the inspector to cite the code when an approved fixture

						component is installed in an improper manner.
95			603.4.4.1	Adopt		Model code change which addresses single wall heat exchangers and correlates with section 506.4.1. This will allow a less expensive installation where a low backflow hazard exists.
96			603.4.6.1	Adopt		Model code change which adds spill-resistant pressure vacuum breakers to those approved for lawn sprinklers. These devices are listed for lawn irrigation use.
97				Adopt		Existing Oregon amendment adding double check valve assemblies as approved backflow device for lawn sprinklers. This is an Oregon amendment allowing installation of lawn irrigation backflow devices underground to protect them from freezing.
	603.4.6					
98				Adopt		New proposed amendment adding spill-resistant vacuum breaker to the section.. These devices are listed for lawn irrigation use.
		603.4.6				
99				Adopt		Existing Oregon amendment adding double check valve assemblies as approved backflow device for lawn sprinklers.. This is an Oregon amendment allowing
	603.4.6.3					

						installation of lawn irrigation backflow devices underground to protect them from freezing.
100				Adopt W/Amendment		Existing Oregon amendment addressing yard hydrants. Change existing Oregon amendment as follows: Exterior vertical yard hydrants shall be of the self-draining sanitary type, or be provided with backflow protection by a double check valve backflow preventer. New products exist which make the backflow language unnecessary.
	603.4.7					
101a & 101b				Reject		New proposed amendment requiring additional backflow protection for steam and hot water boilers. Current code requires a reduced pressure principle device for boiler make up water connections. 101a & 101b are identical submittals.
		603.4.11				
102a & 102b				Adopt		New proposed amendment requiring an RP device on carbonators rather than a vented dual check valve. This change is to afford a higher level of protection from backflow. 102a & 102b are identical submittals.
		603.4.13				
103			603.4.21.1	Adopt		Model code changes and TIA addressing pure process water

						and dialysis water. This is necessary to protect the dialysis water from contamination from the backflow device.
104			603.4.22	Adopt		Model code changes for fixture fittings with integral backflow protection. This change is consistent with fixture fittings manufacturing standards.
105			604.1	Adopt		Model code changes requiring potable water piping and fittings to meet NSF 61 standard to protect the potable water from toxic contamination.
106			604.3	Adopt		Model code changes addressing potable water copper tubing standards to make them consistent with their listing and labeling requirements.
107			Table 6-4	Adopt		Model code change providing a new table of approved water piping materials. This change makes the code easier to read regarding which type of piping is approved for a particular use.
108		Table 6-4		Adopt		New Oregon amendment adding Polypropylene (PP) to the table of approved water piping materials. PP is an approve hot and cold potable water piping material.
109			604.14	Adopt		Model code change creating a new

						section addressing water heater connections. This code section addresses non-metallic water heater flex connectors which are in use today.
110			606.1.3	Adopt		Model code change deleting soft referencing solder. There is no definition of "soft" solder so it was removed from the code.
111			608.2	Adopt		Model code change addressing multiple pressure regulator installation. These are necessary in high-rise construction.
112			608.3	Adopt		Model code change to address thermal expansion. The new language makes it clear when and how to control thermal expansion.
113			608.5	Adopt		Model code change prohibiting relief valve termination in a building's crawl space. It is not safe to discharge water in a building's crawl space.
114				Adopt W/Amendment		Existing Oregon amendment addressing water heater relief valve drains. In subsection (2) after "floor drain" add the words "with funnel" Terminating a relief valve to a floor drain without some means of controlling the flow of hot water could create a hazard.
	608.5					

115		609.4		Adopt		Create a new Oregon amendment allowing air testing of plastic piping. Delete: " Except for plastic piping. " This is necessary during periods of freezing weather.
116	609.6.1			Adopt		Existing Oregon amendment for tracer wire. This allows future locating of buried non-metallic water piping.
117			609.8	Adopt		Model code change removing subjective language.
118			609.10	Adopt		Model code change removing reference to air chambers which are no longer addressed in the code.
119			609.10.1	Adopt W/Amendment		Model code change removing reference to air chambers which are no longer addressed in the code.
120			610.1	Adopt		Model code change removing reference to Table 6-6 in the section which addressed air chambers which were removed from the code.
121	610.5			Adopt		Existing Oregon amendment removing reference to Appendix L. Appendix L addresses alternate plumbing systems which are covered in Oregon administrative rule 918-008-0095.
122	Table 6-8			Adopt		Existing Oregon amendment

						removing reference to Appendix L. Appendix L addresses alternate plumbing systems which are covered in Oregon administrative rule 918-008-0095.
123		Table 6-5		Adopt		Add new Oregon amendment in footnote 6, deleting “(See Table 4-1)” and adding “(See Oregon Structural Specialty Code Section 303)”. Table 4-1 is not adopted in the plumbing code and addresses fixture requirements of the building code.

**CHAPTER 7
SANITARY DRAINAGE**

124			701.1	Adopt		Model code change adding stainless steel drainage piping. This is a new type of DWV piping system for special use installations.
125	701.1.5			Adopt		Existing Oregon amendment addressing the use of corrugated polyethylene (CPE) pipe for exterior storm drains.
126			701.1.5	Adopt		New model code section addressing stainless steel drainage piping. This is a new type of DWV piping system for special use installations.
127			701.2	Adopt		New model code section addressing stainless steel drainage piping. This is a new type of DWV piping

						system for special use installations.
128				Adopt		Existing Oregon amendment deleting reference to Appendix L. Appendix L addresses alternate plumbing systems which are covered in Oregon administrative rule 918-008-0095.
	703.3					
129				Adopt		Existing Oregon amendment deleting the section which requires direct drain connection of specific fixtures. The section makes it mandatory to directly connect drains from various fixtures which may conflict with state food sanitation rules requiring an airbreak or airgap indirect waste.
	704.3					
130				Adopt		Existing Oregon amendment addressing DWV sizing. The amendment allows for 3" drainage pipe at 1/8" per foot grade and an addition fixture unit on 1-1/2" horizontal drainage piping.
	Table 7-5					
130.1				Adopt		Add new Oregon amendment in footnote 8, deleting "(See Table 4-1)" and adding "(See Oregon Structural Specialty Code Section 303)". Table 4-1 is not adopted in the plumbing code and addresses fixture requirements of the building code.
		Table 7-3				
131			707.1	Adopt		Model code change referencing

						stainless steel cleanouts. This is a new type of DWV piping system for special use installations.
132			707.2	Adopt		Model code change removing subjective language.
133	707.4			Reject		Existing Oregon amendment addressing removable fixture traps as cleanout equivalent and cleanout sizing. Revert to model code language.
134		707.4		Adopt W/Amendment		New proposal to amend existing Oregon amendment addressing removable fixture traps as cleanout. Remove Oregon amendment and go back to model code language.
135	708.0			Adopt		Existing Oregon amendment addressing 1/8 th inch per foot slope for 3" pipe. This has been allowed in Oregon for many years to make installations with limited grade without the use of a sewage ejector.
136			710.1	Adopt		Model code change clarifying backwater valve requirements. This protects the building from flooding due to main sewer blockage.
137			710.12	Adopt		Model code change removing section because it is subjective.
138			710.12	Adopt		Model code change removing subjective language.
139			710.13	Adopt		Model code change removing limitations for use of macerating

						toilet systems. The previous code only allowed the product in residential installations. If the product is approved for residential installations it should also be allowed in commercial installations.
140	710.15			Adopt		Existing Oregon amendment addressing elevator pit drains. This is referenced in the state elevator code.
141		712.1		Adopt		Create a new Oregon amendment deleting: “ except that plastic pipe shall not be tested with air. ” This allows for pressure testing during freezing temperatures.
142	713.1			Adopt		Existing Oregon amendment deleting reference to Chapter 1. Chapter 1 is not adopted.
143			714.4	Adopt		Model code change clarifying commercial food waste disposal requirements. Connection of a commercial food waste disposal to a septic tank may not be allowed by the Department of Environmental Quality.
144			715.1	Adopt		Model code change removing subjective language.
145			716.0	Adopt		Model code change removing subjective language.
146	717.0			Adopt		Existing Oregon amendment deleting reference to Appendix L.

						Appendix L addresses alternate plumbing systems which are covered in Oregon administrative rule 918-008-0095.
147	718.1			Adopt		Existing Oregon amendment addressing 1/8 th inch per foot slope for 3" pipe. This has been allowed in Oregon for many years to make installations with limited grade without the use of a sewage ejector.
148			718.2	Adopt		Model code change removing subjective language.
149	718.2			Adopt		Existing Oregon amendment for tracer wire. This allows for locating underground non-metallic piping in the future.

**CHAPTER 8
INDIRECT WASTES**

150			807.3	Adopt		Model code change removing subjective language.
151	807.4			Adopt		Existing Oregon amendment addressing domestic dishwasher drains. This allows connection of a dishwasher drain without the added expense of an airgap dishwasher fitting.
152			811.7	Adopt		Model code change clarifying chemical waste discharge requirements. The new code language makes it clear that the

						authority having jurisdiction makes the final approval as to how chemical wastes should be discharged into the sanitary sewer.
153	814.0, 814.1, 814.2, 814.3 & Table 8-2			Adopt		Existing Oregon amendment deleting the sections addressing condensate drainage. Condensate drainage is regulated by the mechanical code.

CHAPTER 9 VENTS						
154			902.1	Adopt		Model code change removing subjective language. This is a new type of DWV piping system for special use installations.
155			903.1	Adopt		Model code change adding stainless steel pipe and fittings to the section. This is a new type of DWV piping system for special use installations.
156			903.2.4	Adopt		Model code change which removes conflict with ASTM B306 standard for pipe marking requirements.
157			903.3	Adopt		Model code change adding stainless steel pipe and fittings to the section. This is a new type of DWV piping system for special use installations.
158			908.4, 908.4.1, 908.4.2, 908.4.3	Reject		Model code change creating new sections addressing an alternate method for bathroom wet venting. The new provisions are confusing

						and would be difficult to apply and enforce.
159		908.4, 908.4.1, 908.4.2, 908.4.3		Adopt		New proposal to delete model code change creating new sections addressing an alternate method for bathroom wet venting. The new provisions are confusing and would be difficult to apply and enforce.
160			910.5	Adopt		Model code change removing subjective language.
161			910.6	Adopt		Model code change making an editorial revision to the wording of the section.

CHAPTER 10 TRAPS AND INTERCEPTORS						
162			1003.2	Adopt		Model code change creating new provisions addressing trap adapters. This change clarifies that metal tubing traps may be connected with non-metallic trap adapters.
163			1004.0	Adopt		Model code change removing subjective language.
164			1005.0	Adopt		Model code change removing unclear language.
165	1006.0, Table 10-1.1			Adopt		Existing Oregon amendment allowing unvented floor drain traps on a vented line and additional trap primer requirements. This change allows for floor drain installations in large floor areas without the use of a

						combination waste and vent system. Combination waste and vent systems are prone to blockage due to slow flows.
166	1007.0, 1007.1, 1007.2, 1007.3, 1007.4, 1007.5, 1007.6			Adopt		Existing Oregon amendments setting trap primer requirements. The model code language is subjective and difficult to enforce.
167			1010.0	Adopt		Model code change removing redundant language.
168			1011.0	Adopt		Model code change clarifying the code requirements for auto wash racks.
169			1014.0, 1014.1, 1014.1.1, 1014.1.2, 1014.1.3, 1014.2, 1014.2.1, 1014.2.2, 1014.2.3, Table 10-2, 1014.3, 1014.3.1, 1014.3.2, 1014.3.2.1, 1014.3.2.2, 1014.3.2.3, 1014.3.3,	Adopt		Model code change rewriting of the provisions for fats, oil and grease (FOG) removal systems. The new sections address new types of FOG removal systems and proper sizing and other installation requirements.

			1014.3.3.1, 1014.3.4, 1014.3.4.1, 1014.3.4.2, 1014.3.4.3, 1014.3.4.4, 1014.3.5, 1014.3.5.1, 1014.3.6, 1014.3.6.1, 1014.3.6.7, 1015.0, 1015.1, 1015.2, 1015.3, 1015.4, 1015.5, Table 10-3			
170	1014.8			Reject		Existing Oregon amendment referencing manufacturer's installation instructions for exterior grease interceptors. Model code changes make this Oregon amendment no longer necessary.
171		1017.0, 1017.1, 1017.2		Adopt		New Oregon amendment deleting provisions addressing Oil and Flammable Liquid Interceptors. Drains should not be installed in areas where hazardous material spills may occur and cause damage to the sewer system. Containment of spills with proper cleanup and disposal should be provided.

CHAPTER 11 STORM DRAINAGE						
174		1101.1		Adopt		New Oregon amendment deleting last sentence of section. This is to prevent any conflicts with other provisions of the residential code for storm water disposal.
175		1101.2		Adopt		New Oregon amendment adding a section on disposal of storm water. The changes further clarify where and how storm water should be disposed of.
176			1101.3	Adopt		Model code change addressing stainless steel DWV pipe and fittings. This is a new type of DWV piping system for special use installations.
177	1101.3			Adopt		Current Oregon amendment allowing short sweep fittings for interior storm drainage piping and exterior storm drainage corrugated polyethylene (CPE) pipe and fittings.
178	1101.5, 1101.5.1, 1101.5.2, 1101.5.3, 1101.5.4, 1101.5.5, 1101.5.6			Adopt		Current Oregon amendment deleting sections addressing subsoil drainage, springs and groundwater removal. Continuously flowing springs or groundwater are not regulated as plumbing in Oregon.
179		1101.6.1		Adopt		Create a new Oregon amendment

						as follows: “ Backwater Valves. Subsoil, building subdrains, foundation, and absorption drains that are subject to reverse flow shall be equipped with approved, accessible backwater valves as required by the Authority Having Jurisdiction.” This is to prevent building flooding due to reverse flow conditions.
180	1101.7			Adopt		Current Oregon amendment deleting reference to continuously flowing springs and groundwater. Continuously flowing springs or groundwater are not regulated as plumbing in Oregon.
181			1101.11, 1101.11.1, 1101.11.2, 1101.11.2.1, 1101.11.2.2, 1101.11.2.2.1, 1101.11.2.2.2	Adopt		Model code amendment reformatting code provisions regarding roof drainage and secondary roof drainage. The changes clarify roof drainage requirements.
182		1101.12.2		Adopt		New Oregon amendment creating the following exception: “ Exception: <u>Rain leader and conductors serving residential structures.</u> ” Rain water leaders and exterior conductors are not within the scope of the plumbing code.
183			1102.1.2	Adopt		Model code changes addressing

						stainless steel piping and fittings for storm drainage systems. This is a new type of DWV piping system for special use installations.
184		1102.2		Adopt		New Oregon amendment creating provisions for traps for combined sewers. (renumber as necessary) This section clarifies proper trapping requirements for combination sewer storm systems which are in use in Oregon.
185	1102.2, 1102.2.1, 1102.2.2			Adopt		Current Oregon amendment deleting section addressing rain leaders. Oregon amendment deletes this section because rain leaders are not regulated as plumbing.
186			1102.2.2	Reject		Model code changes addressing stainless steel piping and fittings for storm drainage systems. Oregon amendment deletes this section because rain leaders are not regulated as plumbing.
187	1102.3, 1102.4			Adopt		Current Oregon amendment referencing materials addressed in section 701.1.6 & 715.0. This further clarifies what piping materials are allowed for storm sewers.
188		1102.5		Adopt		Create a new Oregon amendment as follows: " Fittings . Fittings for

						exterior storm drainage and sewer piping shall be as required for drainage piping in section 706.0." This section clarifies that short turn fittings are permitted for interior storm drainage piping and long sweep fittings for exterior installations.
189	1102.5, 1102.5.1, 1102.5.2			Adopt		Current Oregon amendment deleting sections addressing subsoil drains. These provisions are covered in the structural code.
190		1103.0, 1103.1, 1103.2, 1103.3, 1103.4, 1103.5, 1103.6		Adopt		New Oregon amendment creating provisions for building storm sewer materials. (renumber as necessary) The section further clarifies what piping materials may be used for storm drainage installations.
191	1103.4			Reject		Current Oregon amendment requiring a cleanout on the inlet side of the trap instead of the outlet side. New amendments address this issue.
192	1104.0, 1104.2			Adopt		Current Oregon amendment deleting the provisions addressing leaders, conductors, and connections which are beyond the scope of the code.
193		1105.2		Adopt		New Oregon amendment creating provisions for building storm

						sewer connections. The section further clarifies what connections may be made to allow for expansion and contraction for roof drain installations. (renumber as necessary)
194		1106.0, 1106.1, 1106.2		Adopt		New Oregon amendment creating provisions for storm and groundwater drainage. The section further clarifies what piping methods may be used for storm drainage installations.
195		1107.0, 1107.1, 1107.2, 1107.3, 1107.4		Adopt		New Oregon amendments creating provisions for dry wells. Dry wells are a method of storm water disposal and the new language defines proper installation of dry wells.
196		1108.1		Reject		Create a new Oregon amendment changing the inside dimension for a catch basin. This was rejected because the committee felt it was more of a product approval standard issue and not a code requirement. Currently there is no nationally recognized product standard for catch basins.
197		1108.0, 1108.1, 1108.2, 1108.3,		Adopt		New Oregon amendment creating provisions for catch basins. Currently there is no nationally recognized product standard for

		1108.4, 1108.5				catch basins.
198			1108.1(9)	Adopt		New model code change addressing scupper openings. The new language makes the code more clear as to sizing scupper openings.
199	Table 11-4, Table 11-5, 1108.1(7) & (8)			Adopt		Current Oregon amendment referencing table numbers and code sections. This addresses the proper table references.
200		1108.3, 1108.3.1, 1108.3.2, 1108.3.3, 1108.3.4, 1108.5		Adopt		New Oregon amendments creating standards for catch basins. Currently there is no nationally recognized product standard for catch basins.
201		1109.0		Adopt		New Oregon amendment creating standards for abandoned storm sewers. The model code does not contain provisions or code requirements for abandoned storm sewers.
202		1109.2.2		Adopt		New Oregon amendment addressing storm water air testing. New amendment allows air testing of plastic piping. This is necessary to test piping in freezing conditions.
203			1109.2.3	Reject		Model code change addressing air and water testing. The section references a section of the code

						which is not adopted in Oregon.
204	Table 11-1, 11-3			Adopt		Existing Oregon amendment deleting provisions referencing gutters. Gutters are not within the scope of the plumbing code.

CHAPTER 12 FUEL PIPING						
205	Chapter 12			Adopt		Existing Oregon amendment deleting entire chapter. Fuel gas is regulated by the mechanical code.

CHAPTER 13 HEALTH CARE FACILITIES AND MEDICAL GAS AND VACUUM SYSTEMS						
206			1301.3	Adopt		Model code amendment clarifying that breathing air replenishment (BAR) systems are not considered part of a medical gas system. This is consistent with the statute definition of plumbing.
207			1309.3	Reject		Model code amendment which deletes nitrogen from definition of medical gas. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
208		1309.4, 1309.7, 1310.3,		Adopt		New Oregon amendment referencing the 1999 Edition provisions of the NFPA 99C

		1310.4, 1310.10, 1310.17, 1310.19, 1311.52, 1316.0, 1318.10 & 1327.1.1				Standard. This is consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
209			1310.6	Reject		Model code amendment which deletes nitrogen from definition of medical gas. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
210			1310.9	Adopt		Model code amendment which defines Nitrogen NF, (Oil-Free, Dry). This is used to purge piping being brazed and is required in the installation standards for medical gas piping.
211			1310.15	Adopt		Model code amendment deleting "Type 1" from station inlet definition. This is consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
212		1310.19,		Adopt		Create new Oregon amendments to

		1310.26, 1310.27, 1310.28, 1310.29, 1310.30, Part II, Part III, 1329.0, 1329.1, Part IV, 1330.0, 1330.1, 1330.2, 1330.3, 1330.4, 1330.5, 1330.6, 1330.7, 1330.8 & Table 13-3				make the new code provisions consistent with the 1999 edition of NFPA 99C & industry regulations. This is also consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
213				Adopt		Existing Oregon amendment as follows: "Certification of medical gas and medical vacuum systems, <u>when required by the Oregon Department of Human Services,</u> shall conform to the requirements of Section 1331.0 of this code, the Authority Having Jurisdiction, and NFPA 99 Standard for Health Care Facilities section 5.1.12. [NFPA 5.1.12]
214	1311.2		1316.3	Reject		Model code changes to update to latest provisions of NFPA 99C

						standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
215			1316.4, 1316.5, 1316.6, 1316.8	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
216			1318.2, 1318.4, 1318.11	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
217			1319.1, 1319.3, 1319.6	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
218			1320.5,	Reject		Model code changes to update to

			1320.5.3			latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
219			1323.1	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
220			1324.0	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
221			1325.1, 1325.3, 1325.5	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.

222			1326.1, 1326.3	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
223			1327.8.1, 1327.9.1, 1327.11	Reject		Model code changes to update to latest provisions of NFPA 99C standard. This is not consistent with the NFPA 99C-2002 standard adopted by rule and used by the Department of Human Services when reviewing plans for health care facilities.
224	1327.12			Adopt		Existing Oregon amendment allowing 30 days for corrections. This is consistent with current administrative rules addressing plumbing inspection and correction notices.
225	1327.13, 1328.1 & 1330.8			Adopt W/ Amendment		Existing Oregon amendment addressing approval and certification of the medical gas system when required by the Oregon Department of Human Services. The code changes were amended to also apply to system certification, "when required by the Oregon Department of Human

						Services," to sections 1327.13, 1328.1 and the new section 1330.8 which in item 212.
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CHAPTER 14						
TABLE 14-1						
226	AASHTO M36-91			Adopt		Corrugated Steel Pipe and Fittings, Zinc Coated or Aluminum Coated
227	AASHTO M196-92			Adopt		Corrugated Aluminum Alloy and Fittings
228	AASHTO M218-87			Adopt		Corrugated Steel Pipe an Fittings, Zinc Coated
229	AASHTO M252-94 <u>02</u>			Adopt		Corrugated CPE Tubing and Fittings
230	AASHTO M274-87			Adopt		Corrugated Steel Pipe and Fittings, Aluminum Coated
231	AASHTO M294-94 <u>04</u>			Adopt		Corrugated CPE (Heavy Duty)
232			AHAM DW- 1- <u>2005</u>	Adopt		Adding latest edition of standard for Household Electric Dishwasher
233		AHAM DW- 2PR-92		Adopt		Delete the standard for Plumbing Requirements for Household Dishwashers (Discontinued)
234		AHAM FWD- 2PR-89		Adopt		Delete the standard for Household Food Waste Disposers (Discontinued)
235			AHAM FWD- 2PR-89	Adopt		Standard for Household Food Waste Disposers
236		AHAM FWD- 1- <u>2005</u>		Adopt		Adding latest edition of standard for Food Waste Disposers.
237			AHAM HLW-2PR-86	Adopt		Model code change deleting standard for Plumbing Requirements for Home

					Laundry Equipment.
238		<u>ANSI ASME</u> A13.1-96 (R03)		Adopt	New amendment changing ANSI to ASME.
239		ANSI A21.10- 2003		Adopt	New amendment deleting standard which is a duplicate of AWWA C110.
240		ANSI A21.11- 2000		Adopt	New amendment deleting standard which is a duplicate of AWWA C111.
241		ANSI A21.51- 2002		Adopt	New amendment deleting standard which is a duplicate of AWWA C151.
242		ANSI A21.53- 2000		Adopt	New amendment deleting standard which is a duplicate of AWWA C153.
243		<u>ANSI TCNA</u> A118.10- 99 <u>2005</u>		Adopt	New amendment changing ANSI to Tile Council of North America (TCNA) and updating to latest edition.
244		<u>ANSI TCNA</u> A137.1- 88		Adopt	New amendment changing ANSI to TCNA.
245		ANSI B2.1-90		Adopt	New amendment deleting the standard because it was replaced with ASME B1.20.1-2006.
246		ANSI /CSA LC 3-2000		Adopt	New amendment deleting the ANSI reference.
247			ANSI A40.3- 93	Adopt	Model code change deleting ANSI A40.3-93 and replacing it with ASME B36.19- <u>2004</u> .
248			ANSI A106.6- 70	Adopt	Model code change deleting standard for Vitrified Clay Pipe because it has been replaced with CSA A60.1M-76(C1992).
249			ASME A112.21.2M - 83	Adopt	Model code change deleting roof drain standard because it has been replaced with ASME A112.6.3.
250			ANSI A137.1-	Adopt	Model code change adding the standard

			88		for Ceramic Tile.
251	ANSI A117.1-2003			Adopt	Existing Oregon amendment deleting standard for Accessible and Usable Buildings and Facilities because it is regulated by the building code.
252			ANSI Z4.1-95	Reject	Model code change standard for Sanitation in Places of Employment (referenced in model code Chapter 4) This is not adopted. The standard covers a product which is beyond the scope of the code.
253			<u>ANSI CSA Z21.5.1a-2005</u>	Reject	Model code change standard for Gas Clothes Dryers Type 1 Clothes Dryers and change to latest edition. The standard covers a product which is beyond the scope of the code.
254			<u>ANSI CSA Z21.5.1a-2005</u>	Reject	Model code change standard for Gas Clothes Dryers Type 2 Clothes Dryers and change to latest edition. The standard covers a product which is beyond the scope of the code.
255		<u>ANSI CSA Z21.10.1- 2006</u>		Adopt	New amendment updating standard to latest edition.
256		<u>ANSI CSA Z21.10.3- 2004</u>		Adopt	New amendment deleting the ANSI reference.
257	ANSI Z21.12b-94			Adopt	Existing Oregon amendment deleting standard for Draft Hoods. The standard covers a product which is beyond the scope of the code.
258		<u>ANSI CSA Z21.13a- 2005</u>		Adopt	New amendment updating standard to latest edition.

259	ANSI Z21.15-97			Adopt		Existing Oregon amendment deleting standard for gas valves. The standard covers a product which is beyond the scope of the code.
260		ANSI <u>CSA</u> Z21.22- 2001		Adopt		New amendment updating standard to latest edition.
261	ANSI Z21.24-2001			Adopt		Existing Oregon amendment deleting standard for gas appliance connectors. The standard covers a product which is beyond the scope of the code.
262	ANSI Z21.41-2003 CSA 6.9-2003			Adopt		Existing Oregon amendment deleting standards for quick-disconnect fuel gas devices. The standard covers a product which is beyond the scope of the code.
263	ANSI Z21.47b-2003			Adopt		Existing Oregon amendment deleting standard for gas-fired furnaces. The standard covers a product which is beyond the scope of the code.
264		ANSI <u>CSA</u> Z21.56- 2006 CSA 4.7-2006		Adopt		New amendment updating standard to latest edition.
265	ANSI Z21.69a-2003 CSA 6.16-2003			Adopt		Existing Oregon amendment deleting standard for gas connectors. The standard covers a product which is beyond the scope of the code.
266			ANSI Z21.70-81	Adopt		Model code change deleting the standard because it was replaced with ASCE 25.
267	ANSI Z21.80-2003 CSA 6.22-M2003			Adopt		Existing Oregon amendment deleting standard for fuel gas regulators. The standard covers a product which is beyond the scope of the code.

268	ANSI Z21.81-98 CSA 6.25-M98			Adopt		Existing Oregon amendment deleting standard for fuel gas cylinder connection devices. The standard covers a product which is beyond the scope of the code.
269	ANSI Z21.86-2003 CSA 2.32-2004			Adopt		Existing Oregon amendment deleting standard for fuel gas appliances. The standard covers a product which is beyond the scope of the code.
270		ANSI Z34.1-93		Adopt		New Oregon amendment deleting the standard which has been discontinued.
271			ANSI Z34.1-93	Adopt		Model code change adding standard for Third-Party Certification Programs for Products Processes, and services.
272			ANSI Z83.11-2002	Reject		Model code change adding standard for fuel gas equipment. The standard covers a product which is beyond the scope of the code.
273		ANSI <u>CSA</u> Z83.11- 2006		Adopt		New amendment updating standard to latest edition.
274		ANSI <u>IAPMO</u> Z124.1.2- 2005		Adopt		New amendment updating standard to latest edition.
275		ANSI Z124.2-95		Adopt		New amendment deleting standard because it was discontinued.
276		ANSI <u>IAPMO</u> Z124.3- 2005		Adopt		New amendment updating standard to latest edition.
277		ANSI <u>IAPMO</u> Z124.4- 2006		Adopt		New amendment updating standard to latest edition.
278		ANSI <u>IAPMO</u> Z124.5- 2006		Adopt		New amendment updating standard to latest edition.
279		ANSI <u>IAPMO</u>		Adopt		New amendment updating standard to

		Z124.6- 97				latest edition.
280		ANSI IAPMO Z124.7- 97		Adopt		New amendment updating standard to latest edition.
281		ANSI IAPMO Z124.8- 90		Adopt		New amendment updating standard to latest edition.
282	IAPMO/ ANSI Z124.9-2004			Reject		Existing Oregon amendment deleting standard for Plastic Urinals. Waterless urinals are covered by this standard and are approved for use in city, county, state and federal facilities.
283		IAPMO/ ANSI Z124.9-2004		Adopt		Delete existing Oregon amendment removing standard for Plastic Urinals. Waterless urinals are covered by this standard and are approved for use in city, county, state and federal facilities.
284	ANSI Z223.1- 2002			Adopt		Existing Oregon amendment deleting standard for National Fuel Gas Code. The standard covers a product which is beyond the scope of the code.
285			ISEA Z358.1- 2004	Adopt		New model code standard for Emergency Eyewash and Shower Equipment.
286		ARI 1010-2002		Adopt		New amendment deleting standard for Drinking Fountains and Self Contained, Mechanically Refrigerated Drinking Water Coolers because it has been discontinued.
287			ASCE 25-99	Reject		Model code change adding the standard for Earthquake Actuated Automatic Gas Shutoff Devices. The standard covers a product which is beyond the scope of the

						code.
288		ASME A112.1.3-2005		Adopt		Create a new amendment updating the standard to the latest edition.
289			ASME A112.4.7-2002	Adopt		Model code change adding the standard for Point of Use and Branch Water Submetering Systems.
290			ASME A112.6.3-2001	Adopt		Model code change adding the standard for Floor and Trench Drains.
291			ASME A112.6.4-2003	Adopt		Model code change adding the standard for Roof, Deck, and Balcony Drains.
292			ASME A112.6.7-2001	Adopt		Model code change adding the standard for Enameled and Epoxy Coated Cast Iron and PVC Plastic Sanitary Floor Drains.
293		ASME A112.14.3- 2000(R04)		Adopt		Create a new amendment updating the standard to the latest edition.
294			ASME A112.18.2- 2005 CA B125.2-05	Adopt		Model code change adding the standard for Plumbing Waste Fittings.
295		ASME A112.19.5- 2005		Adopt		Create a new amendment updating the standard to the latest edition.
296			ASME A112.19.6-95	Adopt		Model code change deleting the standard for Hydraulic Performance Requirements for Water Closets and Urinals. (Replaced with ASME A112.19.2M-2003)
297		ASME		Adopt		Create a new amendment updating the

		A112.19.7M- 952006				standard to the latest edition.
298		ASME A112.19.8M- 87(R05)		Adopt		Create a new amendment updating the standard to the latest edition.
299			ASME A112.19.10- 2003	Adopt		Model code change adding the standard for Dual Flush Devices for Water Closets.
300		ASME A112.19.12- 2006		Adopt		Create a new amendment updating the standard to the latest edition.
301			ASME A112.19.13- 2002	Adopt		Model code change adding the standard for Electrohydraulic Water Closets.
302			ASME A112.19.14- 2006	Adopt		Model code change adding the standard for Six-Liter Water Closets Equipped with a Dual Flushing Device and updating the standard to the latest edition.
303			ASME A112.19.15- 2005	Adopt		Model code change adding the standard for Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors and updating the standard to the latest edition.
304			ASME A112.20.1- 2004	Adopt		Model code change adding the standard for Qualifications of Installers of High Purity Systems.
305			ASME A112.20.2- 2004	Reject		Model code change adding the standard for Qualifications of Installers of Firestop Systems and Devices for Piping Systems. The standard covers a subject which is beyond the scope of the code.

306			ASME A112.21.1M- 91	Adopt		Model code change deleting the standard for Floor Drains because it was replaced with ASME A112.6.3.
307			ASME A112.26.1M- 84	Adopt		Model code change deleting the standard for Water Hammer Arresters because it was cancelled by ASME.
308		ASME B1.20.1- 83(R06)		Adopt		Create a new amendment updating the standard to the latest edition.
309		ASME B16.1- 98 <u>2005</u>		Adopt		Create a new amendment updating the standard to the latest edition.
310		ASME B16.3- 98 (R06)		Adopt		Create a new amendment updating the standard to the latest edition.
311		ASME B16.4- 98 (R06)		Adopt		Create a new amendment updating the standard to the latest edition.
312		ASME B16.12- 98 (R06)		Adopt		Create a new amendment updating the standard to the latest edition.
313		ASME B16.21- 92 <u>2005</u>		Adopt		Create a new amendment updating the standard to the latest edition.
314		ASME B16.22- 2001 (R05)		Adopt		Create a new amendment updating the standard to the latest edition.
315		ASME B16.26- 88 <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
316			ASME B16.32- 92	Adopt		Model code change deleting the standard for Cast Copper Alloy Solder Joint Fittings for Solvent Drainage Systems.
317	ASME B16.33- 2002			Adopt		Existing Oregon amendment deleting the standard for Manually Operated Metallic Gas Valves. The standard covers a product which is beyond the scope of the

						code.
318		ASME B16.34- 96 <u>2004</u>		Adopt		Create a new amendment updating standard to the latest edition.
319			ASME B16.38- 85	Adopt		Model code change deleting the standard for Large Metallic Valves for Gas Distribution. The standard covers a product which is beyond the scope of the code.
320			ASME B16.40- 2002	Reject		Model code change adding the standard for gas shutoff and valves. The standard covers a product which is beyond the scope of the code.
321			ASME B16.50- 2001	Adopt		Model code change adding the standard for Wrought Copper and Copper Alloy Braze-Joint Pressure Fittings.
322			ASME B31.1- 2004	Reject		Model code change adding the standard for Power Piping. The standard covers a subject which is beyond the scope of the code.
323			ASME B36.19- 85(R94) <u>2004</u>	Adopt		Model code change adding the standard for Stainless Steel and updating the standard to the latest edition.
324			ASME Section IV	Reject		Model code change adding the standard for Construction of Heating Boilers. The standard covers a product which is beyond the scope of the code.
325			ASME Section VIII	Reject		Model code change adding the standard for Construction of Pressure Vessels. The standard covers a product which is beyond the scope of the code.
326			ASSE 1005-99	Adopt		Model code change adding the standard

						for Water Heater Drain Pans.
327		ASSE 1005-99		Adopt		New amendment deleting standard for Water Heater Drain Pans because it has been discontinued.
328		ASSE 1008- 86 <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
329			ASSE 1012-2002	Adopt		Model code change adding the standard for Backflow Prevention with Intermediate Atmospheric Vent.
330			ASSE 1024-2003	Adopt		Model code change adding the standard for Dual Check Valve Backflow Preventers.
331			ASSE 1028-81	Adopt		Model code change deleting the standard for Automatic Flow Controllers because it was discontinued.
332			ASSE 1034-81	Adopt		Model code change deleting the standard for Fixed Flow Restrictors because it was discontinued.
333			ASSE 1044-2001	Adopt		Model code change adding the standard for Trap Seal Primer Devices-Drainage Types and Electronic Design Type.
334			ASSE 1048-2005	Adopt		Model code change adding the standard for Double Check Detector Fire Protection Backflow Prevention Assemblies.
335	ASSE 1055-97			Adopt		Existing Oregon amendment deleting the standard for Chemical Dispensing Systems.
336	ASSE 1057-2001			Adopt		Existing Oregon amendment adding the standard for Freeze Resistant Sanitary

						Yard Hydrants with Backflow Protection.
337		ASSE 1062-97 <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
338			ASSE 1069- 2005	Adopt		Model code change adding the standard for Automatic Temperature Control Mixing Valves.
339			ASSE 1070- 2004	Adopt		Model code change adding the standard for Water Temperature Limiting Devices.
340		ASSE Series 5000-2004		Reject		Create a new amendment deleting the standards because they exceed statute authority for licensing. The motion was made to reject to be consistent with model code.
341			ASTM A48- 2003	Adopt		Model code change adding the standard for Gray Iron Castings.
342		ASTM A 53- 2006a		Adopt		Create new amendment updating standard to latest edition.
343		ASTM A 74- 2006a		Adopt		Create new amendment updating standard to latest edition.
344		ASTM A 197M- 2000(R06)		Adopt		Create new amendment updating standard to latest edition.
345			ASTM A 269- 2004	Adopt		Model code change adding the standard for Seamless and Welded Austenitic Stainless Steel Tubing for General Service.
346		ASTM A 312- 2006		Adopt		Create new amendment updating standard to latest edition.
347			ASTM A479M-2006a	Reject		Model code change adding the standard for Stainless Steel Bars and Shapes for

						Use in Boilers and Other Pressure Vessels and updating the standard to the latest edition. The standard covers a product which is beyond the scope of the code.
348		ASTM A 653M-2006		Adopt		Create new amendment updating standard to latest edition.
349	ASTM A 760-93			Adopt		Existing Oregon amendment adding the standard for Corrugated Steel Pipe.
350		ASTM A 888-2007		Adopt		Create a new amendment updating the standard to the latest edition.
351		ASTM B152M-2006a		Adopt		Create a new amendment updating the standard to the latest edition.
352	ASTM B 209-92			Adopt		Existing Oregon amendment adding the standard for Corrugated Aluminum Pipe.
353		ASTM B 584-2006a		Adopt		Create new amendment updating the standard to the latest edition.
354		ASTM B587-97 ^{e1} (R06)		Adopt		Create new amendment updating the standard to the latest edition.
355			ASTM B 641-93	Adopt		Model code change deleting the standard for Seamless and Welded Copper Distribution Tube because it was discontinued.
356			ASTM B 642-88	Adopt		Model code change deleting the standard for Welded Copper Alloy UNS C21000 Water Tube because it was discontinued.
357		ASTM B 687-99(R05) ^{e1}		Adopt		Create new amendment updating standard to latest edition.
358			ASTM B 716-	Adopt		Model code change deleting the standard

			93			for Welded Copper Water Tube because it was discontinued.
359		ASTM B 819-2000(R06)		Adopt		Create a new amendment updating the standard to the latest edition.
360		ASTM C 14-2005a		Adopt		Create a new amendment updating the standard to the latest edition.
361		ASTM C 76-2005		Adopt		New Oregon amendment adding the standard for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe.
362		ASTM C 296-2000(R04) ^{E1}		Adopt		Create a new amendment updating the standard to the latest edition.
363		ASTM C 412-2005a		Adopt		Create a new amendment updating the standard to the latest edition.
364		ASTM C 428-2005(R06)		Adopt		Create a new amendment updating the standard to the latest edition.
365		ASTM C 443-2005a		Adopt		Create a new amendment updating the standard to the latest edition.
366		ASTM C 478-2006a		Adopt		Create a new amendment updating the standard to the latest edition.
367		ASTM C 700-2005		Adopt		Create a new amendment updating the standard to the latest edition.
368		ASTM C 1053-2000(R05)		Adopt		Create a new amendment updating the standard to the latest edition.
369		ASTM C 1173-2006		Adopt		Create a new amendment updating the standard to the latest edition.
370		ASTM C1277-2006		Adopt		Create a new amendment updating the standard to the latest edition.
371		ASTM C 1461-2006		Adopt		Create a new amendment updating the standard to the latest edition.
372			ASTM C	Adopt		Model code change adding the standard

			1540-2004			for Heavy Duty Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings.
373			ASTM D 396-2001	Adopt		Model code change deleting standard for Fuel Oil. The standard covers a product which is beyond the scope of the code.
374			ASTM D 1784-2003	Adopt		Model code change adding the standard for Rigid Poly Vinyl Chloride (PVC) Compounds and Chlorinated Poly Vinyl Chloride (CPVC) Compounds.
375		ASTM D 1785-2006		Adopt		Create new amendment updating the standard to the latest edition.
376		ASTM D 1869-95(R05)		Adopt		Create new amendment updating the standard to the latest edition.
377			ASTM D 2146-82	Adopt		Model code change deleting the standard for Polypropylene Plastic Molding and Extrusion Materials because it was replaced with ASTM D 4101.
378		ASTM D 2241-2005		Adopt		Create new amendment updating the standard to the latest edition.
379		ASTM D 2282-99e1(R05)		Adopt		Create new amendment updating the standard to the latest edition.
380		ASTM D 2321-2005		Adopt		Create new amendment updating the standard to the latest edition.
381		ASTM D 2464-2006		Adopt		Create new amendment updating the standard to the latest edition.
382			ASTM D 2465-73	Adopt		Model code change deleting the standard for Threaded Acrylonitrile Butadiene Styrene (ABS) Plastic Pipe and Fittings, Schedule 80 because it was discontinued.

383		ASTM D 2466-200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
384		ASTM D 2467-200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
385			ASTM D 2468-96	Adopt		Model code change deleting the standard for Acrylonitrile Butadiene Styrene (ABS) Plastic Pipe and Fittings, Schedule 40 because it was discontinued.
386			ASTM D 2469-76	Adopt		Model code change deleting the standard for Socket Type Acrylonitrile Butadiene Styrene (ABS) Plastic Pipe and Fittings, Schedule 80 because it was discontinued.
387	ASTM D 2513-2004			Adopt		Existing Oregon amendment deleting the standard for Thermoplastic Gas Pressure Pipe Tubing and Fittings. The standard covers a product which is beyond the scope of the code.
388	ASTM D 2517-2000			Adopt		Existing Oregon amendment deleting the standard for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings. The standard covers a product which is beyond the scope of the code.
389		ASTM D 2564-2004 <u>e1</u>		Adopt		Create a new amendment updating the standard to the latest edition.
390		ASTM D 2661-200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
391		ASTM D 2665-2004 <u>ae2</u>		Adopt		Create a new amendment updating the standard to the latest edition.
392			ASTM D 2729-2003	Adopt		Model code change adding the standard for Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings.

393			ASTM D 2740-89	Adopt		Model code change deleting the standard for Poly Vinyl Chloride (PVC) Tubing because it was discontinued.
394		ASTM D 2751- <u>2005</u>		Adopt		Create a new amendment updating the standard to the latest edition.
395		ASTM D 2846- <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
396			ASTM D 3033-85	Adopt		Model code change deleting the standard for Type PSP Poly Vinyl Chloride (PVC) Sewer Pipe and Fittings because it was discontinued.
397		ASTM D 3034- <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
398			ASTM D 3036-73	Adopt		Model code change deleting the standard for Poly Vinyl Chloride (PVC) Plastic Line Couplings because it was discontinued.
399		ASTM D 3139- <u>98(R05)</u>		Adopt		Create a new amendment updating the standard to the latest edition.
400			ASTM D 3140-90	Adopt		Model code change deleting the standard for Flaring Polyolefin Pipe and Tubing because it was discontinued.
401			ASTM D 3298-81	Adopt		Model code change deleting the standard for Perforated Styrene Rubber (SR) Plastic Drain Pipe because it was discontinued.
402		ASTM D 3311- <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
403	ASTM D 3753- 99			Adopt		Existing Oregon amendment adding the standard for Glass-Fiber-Reinforced

						Polyester Manholes.
404		ASTM D 3965- 2005		Adopt		Create a new amendment updating the standard to the latest edition.
405		ASTM D 4101- 2006a		Adopt		Create a new amendment updating the standard to the latest edition.
406		ASTM E 84- 2006		Adopt		Create a new amendment updating the standard to the latest edition.
407		ASTM E 119- 2005a		Adopt		Create a new amendment updating the standard to the latest edition.
408		ASTM E 814- 2006		Adopt		Create a new amendment updating the standard to the latest edition.
409		ASTM F 402- 2005		Adopt		Create a new amendment updating the standard to the latest edition.
410		ASTM F 405- 2005		Adopt		Create a new amendment updating the standard to the latest edition.
411		ASTM F 437- 2006		Adopt		Create a new amendment updating the standard to the latest edition.
412		ASTM F 439- 2006		Adopt		Create a new amendment updating the standard to the latest edition.
413		ASTM F 442- 99(R05)		Adopt		Create a new amendment updating the standard to the latest edition.
414			ASTM F 443- 77	Adopt		Model code change deleting the standard for Bell End Chlorinated Poly Vinyl Chloride (CPVC) Pipe, Schedule 40 because it was discontinued.
415		ASTM F 628- 2006		Adopt		Create a new amendment updating the standard to the latest edition.
416		ASTM F 667- 2006		Adopt		Create a new amendment updating the standard to the latest edition.
417		ASTM F 714-		Adopt		Create a new amendment updating the

		<u>2006</u>				standard to the latest edition.
418		ASTM F 789-2003		Adopt		Create a new amendment deleting the standard because it was discontinued.
419		ASTM F 876-200 <u>5</u>		Adopt		Create a new amendment updating the standard to the latest edition.
420		ASTM F 877-200 <u>5</u>		Adopt		Create a new amendment updating the standard to the latest edition.
421			ASTM F 894-200 <u>5</u>	Adopt		Model code change adding the standard for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe and updating the standard to the latest edition.
422		ASTM F 949-200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
423		ASTM F 1216-200 <u>6</u>		Adopt		Create a new amendment deleting the standard because it was discontinued.
424		ASTM F 1281-200 <u>5</u>		Adopt		Create a new amendment updating the standard to the latest edition.
425		ASTM F 1282-200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
426			ASTM F 1476-2001	Adopt		Model code change adding the standard for Gasketed Mechanical Couplings for Use in Piping Applications.
427		ASTM F 1807-200 <u>5</u>		Adopt		Create a new amendment deleting the standard because it was discontinued.
428		ASTM F 1866-200 <u>5</u>		Adopt		Create a new amendment updating the standard to the latest edition.
429	ASTM F 1924-2001			Adopt		Existing Oregon amendment deleting the standard for Plastic Mechanical Fittings for Use on Outside Diameter Controlled

						Polyethylene Gas Distribution Pipe and Tubing. The standard covers a product which is beyond the scope of the code.
430	ASTM F 1948-99			Adopt		Existing Oregon amendment deleting the standard for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing. The standard covers a product which is beyond the scope of the code.
431		ASTM F 1960-2005		Adopt		Create a new amendment deleting the standard because it was discontinued.
432		ASTM F 1970-2005		Adopt		Create a new amendment updating the standard to the latest edition.
433	ASTM F 1973-2002			Adopt		Existing Oregon amendment deleting the standard for Factory Assembled Anodeless Riser and Transition Fitting in Polyethylene (PE) Fuel Gas Distribution Systems. The standard covers a product which is beyond the scope of the code.
434	ASTM F 1986-2001			Adopt		Existing Oregon amendment adding the standard for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking Water Piping Systems.
435		ASTM F 2080-2005		Adopt		Create a new amendment deleting the standard because it was discontinued.
436			ASTM F 2098-2004 ^{e1}	Adopt		Model code change adding the standard for Stainless Steel Clamps for Securing SDR 9 Cross-Linked Polyethylene (PEX) Tubing to Metal Insert Fittings and updating the standard to the latest

					edition.
437			ASTM F 2159- 2005	Adopt	Model code change adding the standard for Plastic Insert Fittings Utilizing a Copper Ring for SDR 9 Cross-Linked Polyethylene (PEX) Tubing and updating the standard to the latest edition.
438			ASTM F 2165- 2002	Adopt	Model code change adding the standard for Flexible Pre-Insulated Piping.
439			ASTM F 2262- 2005	Adopt	Model code change adding the standard for Cross-Linked Polyethylene/ Aluminum/ Cross-Linked Polyethylene Tubing OD Controlled SDR 9 and updating the standard to the latest edition.
440		ASTM F2306- 2005		Adopt	Create a new Oregon amendment adopting a new standard for CPE Piping.
441		ASTM F2389- 2004		Adopt	New Oregon amendment adding the standard for Pressure-Rated Polypropylene (PP) Piping Systems.
442			ASTM F 2434- 2005	Adopt	Model code change adding the standard for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR 9 Cross-Linked Polyethylene (PEX) Tubing and Cross-Linked Polyethylene/ Aluminum/ Cross-Linked Polyethylene (PEX-AL-PEX) Tubing and updating the standard to the latest edition.
443		AWWA C153- 2006		Adopt	Create a new amendment deleting the standard because it was discontinued.
444		AWWA C504-		Adopt	Create a new amendment updating the

		<u>2006</u>				standard to the latest edition.
445		AWWA C507- <u>2005</u>		Adopt		Create a new amendment updating the standard to the latest edition.
446			AWWA C902- 96	Adopt		Model code change deleting the standard for Polybutylene (PB) Pipe, Tubing, and Fittings, ½ in. Through 3 in., for Water.
447			AWWA C907- <u>2004</u>	Adopt		Model code change adding the standard for Poly Vinyl Chloride (PVC) Pressure Fittings for Water – 4 in. Through 8 in. and updating the standard to the latest edition.
448			CGA V-1 <u>2005</u>	Reject		Model code change adding the standard for Compressed Gas Cylinder Valve Outlet and Inlet Connection and updating the standard to the latest edition. The standard covers a product which is beyond the scope of the code.
449			CGA S-1.3 <u>2005</u>	Reject		Model code change adding the standard for Pressure Relief Device Standards-Part 3-Stationary Storage Containers for Compressed Gas and updating the standard to the latest edition. The standard covers a product which is beyond the scope of the code.
450	CISPI 301- 2004			Adopt		Existing Oregon amendment deleting the standard for Hubless Cast-Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications.
451			CISPI HSN-85	Adopt		Model code change deleting the standard for Neoprene Rubber Gaskets for Hub

					and Spigot Cast Iron Soil Pipe and Fittings because it was discontinued.
452			CSA A257-2003	Adopt	Model code change adding the standard for Concrete Pipe and Manhole Sections.
453			CSA B45-2002	Adopt	Model code change adding the standard for Plumbing Fixtures.
454			CSA B45.1-2002	Adopt	Model code change adding the standard for Ceramic Plumbing Fixtures.
455			CSA B45.2-2002	Adopt	Model code change adding the standard for Enameled Cast-Iron Plumbing Fixtures.
456			CSA B45.3-2002	Adopt	Model code change adding the standard for Porcelain-Enameled Steel Plumbing Fixtures.
457		CSA B45.4-2002		Adopt	New Oregon amendment adding the standard for Stainless Steel Plumbing Fixtures.
458			CSA B45.5-2002	Adopt	Model code change adding the standard for Plastic Plumbing Fixtures.
459			CSA B45.9-2002	Adopt	Model code change adding the standard for Macerating Systems and Related Components.
460			CSA B45.10-2001(R06)	Adopt	Model code change adding the standard for Hydromassage Bathtubs and updating the standard to the latest edition.
461			CSA B45.11-2004	Adopt	Model code change adding the standard for Glass Lavatories.
462			CSA B64-2001(R06)	Adopt	Model code change adding the standard for Backflow Preventers and Vacuum

						Breakers and updating the standard to the latest edition.
463			CSA B64.1.1-2001(R06)	Adopt		Model code change adding the standard for Vacuum Breaker, Atmospheric Type (AVB) and updating the standard to the latest edition.
464			CSA B64.1.2-2001(R06)	Adopt		Model code change adding the standard for Vacuum Breaker, Pressure Type (PVB).
465			CSA B64.2-2001(R06)	Adopt		Model code change adding the standard for Vacuum Breaker, Hose Connection Type (HCVB) and updating the standard to the latest edition.
466			CSA B64.2.1.1-2001(R06)	Adopt		Model code change adding the standard for Vacuum Breaker, Hose Connection Type with Automatic Drainage Feature (HCVB).
467			CSA B64.4-2001(R06)	Adopt		Model code change adding the standard for Backflow Preventers, Reduced Pressure Principle Type (RP) and updating the standard to the latest edition.
468			CSA B64.4.1-2001(R06)	Adopt		Model code change adding the standard for Backflow Preventers, Reduced Pressure Principle Type for Fire Systems (RPF) and updating the standard to the latest edition.
469			CSA B64.5-2001(R06)	Adopt		Model code change adding the standard for Backflow Preventers, Double Check Valve Type (DVCA) and updating the standard to the latest edition.

470			CSA B64.5.1- 2001(R06)	Adopt		Model code change adding the standard for Backflow Preventers, Double Check Valve Type for Fire Systems (DVCAF) and updating the standard to the latest edition.
471			CSA B64.7- 2001(R06)	Adopt		Model code change adding the standard for Vacuum Preventers, Laboratory Faucet Type (LFVB) and updating the standard to the latest edition.
472		CSA B125.3- 2005		Adopt		Create a new amendment updating the standard to the latest edition.
473			CSA B137.1- 2005	Adopt		Model code change adding the standard for Polyethylene Pipe, Tubing, and Fittings for Cold Water Pressure Services and updating the standard to the latest edition.
474			CSA B137.5- 2005	Adopt		Model code change adding the standard for Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications and updating the standard to the latest edition.
475			CSA B137.9- 2005	Adopt		Model code change adding the standard for Polyethylene/ Aluminum/ Polyethylene Composite Pressure-Pipe Systems and updating the standard to the latest edition.
476			CSA B137.10- 2005	Adopt		Model code change adding the standard for Crosslinked Polyethylene/ Aluminum/ Crosslinked Polyethylene Composite Pressure-Pipe

						Systems and updating the standard to the latest edition.
477			CSA B181.3-2006	Adopt		Model code change adding the standard for Polyolefin Laboratory Drainage Systems and updating the standard to the latest edition.
478			CSA B242-80	Adopt		Model code change adding the standard for Groove and Shoulder Type Mechanical Pipe Couplings.
479			CSA B272-93(R00)	Adopt		Model code change adding the standard for Prefabricated Self-Sealing Roof Vent Flashing.
480			CSA B356-2000(R06)	Adopt		Model code change adding the standard for Water Pressure Reducing Valves for Domestic Water Supply Systems and updating the standard to the latest edition.
481			CSA G401-2001(R06)	Adopt		Model code change adding the standard for Corrugated Steel Pipe Products and updating the standard to the latest edition.
482		IAPMO IGC 67-2005		Adopt		New Oregon amendment adding the standard for Specialized Miscellaneous Plastic DWV Fittings and Fitting Assemblies.
483		IAPMO IGC 111-1999		Adopt		New Oregon amendment adding the standard for Movable Sink for persons with limited mobility.
484		IAPMO IGC 187-2003		Adopt		New Oregon amendment adding the standard for Roof Drains with Integral Overflow Drain.

485		IAPMO IGC 188-2004		Adopt		New Oregon amendment adding the standard for Removable and Non-Removable Push Fit Fittings.
485.1		IAPMO IGC 195-2004		Adopt		New Oregon amendment adding the standard for Floor Drain with Integrated Bonding Flange.
486			FS A-A-51145C, FSK65.59, FSM265-811, FSO-F-499D-85, FSO-F-506C-72, FSOO-L-201 f70, FS QQ-R-571C-69, FS TT-S-1732-71, FS WW-P 325B-76, FSWW-P-541-E-80, FS WW-U-516A-74, FS WW-V-54d, FS WW-V-58b	Adopt		Model code change deleting outdated Federal Standards.
487			IAPMO PS 1-2006	Reject		Model code change adding the standard for Prefabricated Septic Tanks and updating the standard to the latest edition. The standard covers a product which is beyond the scope of the code.
488			IAPMO PS 2-2000	Adopt		Model code change deleting the standard for Cast Brass and Tubing P Traps.

489		IAPMO PS 4-2004		Adopt		Create a new amendment deleting the standard because it has been discontinued.
490			IAPMO PS 7-1984	Adopt		Model code change deleting the standard for Tubing Trap Wall Adapters.
491			IAPMO PS 9-1984	Adopt		Model code change deleting the standard for Diversion Tees and Twin Waste Elbows.
492		IAPMO PS 14-2002		Adopt		Create a new amendment deleting the standard because it has been discontinued.
493		IAPMO PS 14-2002		Adopt		Create a new amendment deleting the standard because it has been discontinued.
494			IAPMO PS 31-1995	Adopt		Model code change deleting the standard for Backflow Prevention Assemblies.
495			IAPMO PS 33-2006	Reject		Model code change adding the standard for Flexible PVC Hose for Pools, Hot Tubs, Spas and Jetted Bathtubs and updating the standard to the latest edition. The standard covers a product which is beyond the scope of the code.
496			IAPMO PS 38-99	Adopt		Model code change deleting the standard for ABS and PVC Backwater Valves.
497			IAPMO PS 40-2001	Reject		Model code change adding the standard for Andoleless Transition Riser for Use with PVC Gas Yard Piping. The standard covers a product which is beyond the scope of the code.
498		IAPMO PS 40-2001		Adopt		Create a new amendment deleting the standard because it has been

					discontinued.
499			IAPMO PS 41-2003	Adopt	Model code change deleting the standard for Copper and Other Metallic Roof/Deck/Balcony Drains.
500			IAPMO PS 45-91	Adopt	Model code change deleting the standard for Bathtub Three Way Diverter Valves with Backflow Protection.
501			IAPMO PS 46-2006a	Adopt	Model code change adding the standard for Non-Integral Tile Flange Kits and updating the standard to the latest edition.
502			IAPMO PS 47-2002	Adopt	Model code change deleting the standard for Plastic Roof Drains.
503			IAPMO PS 48-2000	Adopt	Model code change deleting the standard for Material Safety Data Verification for Plumbing Products. The standard covers a product requirement which is beyond the scope of the code.
504			IAPMO PS 49-2002	Adopt	Model code change deleting the standard for Backflow Prevention Requirements for Fixture Fittings with Hose Connected Singular Moveable Outlets.
505		IAPMO PS 50- 2005		Adopt	Create a new amendment updating the standard to the latest edition.
506		IAPMO PS 52- 2006		Adopt	Create a new amendment updating the standard to the latest edition.
507		IAPMO PS 52- 2006		Adopt	Create a new amendment updating the standard to the latest edition.
508			IAPMO PS 58-92	Adopt	Model code change deleting the standard for Supports for Off the Floor Plumbing

						Fixtures With or Without Concealed Tanks.
509	IAPMO PS 59-92			Adopt		Existing Oregon amendment deleting the standard for Septic Effluent and Waste Water Diverter Valves. The standard covers a product which is beyond the scope of the code.
510		IAPMO PS 61- <u>2006a</u>		Adopt		Create a new amendment updating the standard to the latest edition.
511			IAPMO PS 62-93	Adopt		Model code change deleting the standard for Enameled Cast Iron Sanitary Floor Sinks.
512		IAPMO PS 63- <u>2005</u>		Adopt		Create a new amendment updating the standard to the latest edition.
513		IAPMO PS 69- <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
514			IAPMO PS 70-2001	Adopt		Model code change deleting the standard for Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors.
515			IAPMO PS 71-2002	Adopt		Model code change deleting the standard for Electronic Controlled Showers.
516			IAPMO PS 77-99	Adopt		Model code change deleting the standard for Electrohydraulic Water Closets.
517			IAPMO PS 78-2001	Adopt		Model code change deleting the standard for Dual Flush for Electrohydraulic and Gravity Water Closets 6 Liter (1.6 Gallon).
518		IAPMO PS 79- <u>2005</u>		Adopt		Create a new amendment updating the standard to the latest edition.
519		IAPMO PS 80- <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.

520		IAPMO PS 81- 200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
521			IAPMO PS 83-95	Adopt		Model code change deleting the standard for Epoxy Coated Cast Iron Sanitary Floor Sinks.
522			IAPMO PS 84-95	Adopt		Model code change deleting the standard for PVC Plastic Sanitary Floor Sinks.
523		IAPMO PS 90- 200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
524		IAPMO PS 91- 2005a		Adopt		Create a new amendment updating the standard to the latest edition.
525		IAPMO PS 99- 200 <u>6</u>		Adopt		Create a new amendment updating the standard to the latest edition.
526		IAPMO PS 102-2004a		Adopt		Create a new amendment deleting the standard because it was discontinued.
527			IAPMO PS 103-97	Adopt		Model code change deleting the standard for Water Heater Stands With or Without Pans.
528		IAPMO PS 106-2004a		Adopt		Create a new amendment updating the standard to the latest edition.
529	IAPMO PS 107-98			Adopt		Existing Oregon amendment deleting the standard for Aramid-Reinforced Rubber Hose for Use in Non-Potable Water Radiant Heating and Snow Melting. The standard covers a product which is beyond the scope of the code.
530	IAPMO PS 108-98			Adopt		Existing Oregon amendment deleting the standard for Restaurant Fire Suppression Systems. The standard covers a product which is beyond the scope of the code.

531		IAPMO PS 110-2006a		Adopt		Create a new amendment updating the standard to the latest edition.
532		IAPMO PS 115-2005		Adopt		Create a new amendment updating the standard to the latest edition.
533		IAPMO PS 117-2006a		Adopt		Create a new amendment updating the standard to the latest edition.
534		IAPMO PS 118-2000		Adopt		Create a new amendment deleting the standard because it was discontinued.
535		IAPMO PS 119-2006		Adopt		Create a new amendment updating the standard to the latest edition.
536			IAS 1-91	Adopt		Model code change adding the standard for U.S. Requirements for Indirect Water Heaters for Use with External Heat Source.
537	IAS LC 1-2001 CSA 6.26-M99			Adopt		Existing Oregon amendment deleting the standards for Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST) Fuel Gas. The standard covers a product which is beyond the scope of the code.
538			LADWP	Adopt		Model code change deleting the standard for Ultra Low Flush Toilet Requirements.
539		MSS SP-44- 2006		Adopt		Create a new amendment updating the standard to the latest edition and updating the standard to the latest edition.
540			MSS SP-69- 2003	Adopt		Model code change adding the standard for Pipe Hangers and Supports - Selection and Application and updating the standard to the latest edition.

541		MSS SP-70- <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
542		MSS SP-71- <u>2005</u>		Adopt		Create a new amendment updating the standard to the latest edition.
543		MSS SP-73- 2003		Adopt		Create a new amendment deleting the standard because it was discontinued.
544		MSS SP-83- <u>2006</u>		Adopt		Create a new amendment updating the standard to the latest edition.
545			MSS SP-84	Adopt		Model code change deleting the standard for Steel Valves Socket Welding Ends and Threaded Ends. The standard covers a product which is beyond the scope of the code.
546			MSS SP-89- <u>2003</u>	Adopt		Model code change adding the standard for Pipe Hangers and Supports - Fabrication and Installation Practices and updating the standard to the latest edition.
547			MSS SP-104- 2003	Adopt		Model code change adding the standard for Wrought Copper Solder Joint Pressure Fittings.
548			MSS SP-106- 2003	Adopt		Model code change adding the standard for Cast Copper Alloy Flanges and Flanges Fittings, Class 125, 150, and 300.
549			MSS SP-109- 97	Adopt		Model code change adding the standard for Welded Fabricated Copper Solder Joint Pressure Fittings.
550			MSS SP-123- 98	Adopt		Model code change adding the standard for Non-Ferrous Threaded and Solder-Joint Unions for Use with Copper Water Tube.

551	NFPA 13R-2002			Adopt		Existing Oregon amendment deleting the standard for Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height. The standard covers a product which is beyond the scope of the code.
552		NFPA 13D-2002		Reject		Create a new amendment deleting the standard because it is not within the scope of the Oregon Plumbing Specialty Code. Multipurpose fire sprinkler systems are an integral part of the building water distribution system which is installed by plumbers.
553	NFPA 31-2001			Adopt		Existing Oregon amendment deleting the standard for Installation of Oil-Burning Equipment. The standard covers a product which is beyond the scope of the code.
554	NFPA 54-2002			Adopt		Existing Oregon amendment deleting the standard for National Fuel Gas Code. The standard covers a subject which is beyond the scope of the code.
555	NFPA 58-2004			Adopt		Existing Oregon amendment deleting the standard for Storage and Handling of Liquefied Petroleum Gases. The standard covers a product which is beyond the scope of the code.
556	NFPA 85-2004			Adopt		Existing Oregon amendment deleting the standard for Boiler and Combustion Systems Hazards Code. The standard covers a subject which is beyond the

					scope of the code.
557	NFPA 99-2002			Adopt	Existing Oregon amendment deleting the standard for Health Care Facilities. The standard covers a subject which is beyond the scope of the code.
558			NFPA 130-2007	Reject	Model code change adding the standard for Fixed Guideway Transit and passenger Rail Systems and updating the standard to the latest edition. The standard covers a subject which is beyond the scope of the code.
559	NFPA 211-2003			Adopt	Existing Oregon amendment deleting the standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances. The standard covers a subject which is beyond the scope of the code.
560			NFPA 502-2004	Reject	Model code change adding the standard for Road, Tunnels, Bridges, and Other Limited Access Highways. The standard covers a subject which is beyond the scope of the code.
561			NFPA 1989-2003	Reject	Model code change adding the standards for Breathing Air Quality for Fire and Emergency Services Respiration Protection. The standard covers a subject which is beyond the scope of the code.
562		NSF 12-2005		Adopt	Create a new amendment updating the standard to the latest edition.
563		NSF 14-2004		Adopt	Create a new amendment deleting the standard because it addresses a non-

					approved product.
564		NSF 18-200 <u>6</u>		Adopt	Create a new amendment updating the standard to the latest edition.
565	NSF 24-96			Adopt	Existing Oregon amendment deleting the standard for Plumbing System Components for Manufactured Homes and Recreational Vehicles. The standard covers a product which is beyond the scope of the code.
566		NSF 40-200 <u>5</u>		Adopt	Create a new amendment updating the standard to the latest edition.
567		NSF 41-200 <u>5</u>		Adopt	Create a new amendment updating the standard to the latest edition.
568		NSF 42-200 <u>5e</u>		Adopt	Create a new amendment updating the standard to the latest edition.
569		NSF 46-200 <u>5</u>		Adopt	Create a new amendment updating the standard to the latest edition.
570		NSF 53-200 <u>6</u>		Adopt	Create a new amendment updating the standard to the latest edition.
571		NSF 58-200 <u>6</u>		Adopt	Create a new amendment updating the standard to the latest edition.
572		NSF 61-200 <u>5</u>		Adopt	Create a new amendment updating the standard to the latest edition.
573		PDI G-101- <u>96</u>		Adopt	Create a new amendment updating the standard to the latest edition.
574		PDI-WH-201- <u>2006</u>		Adopt	Create a new amendment updating the standard to the latest edition.
575			SAE J 512-97	Adopt	Model code change adding the standard for Automotive Tube Fittings.
576		SAE J 1670-		Adopt	Create a new amendment updating the

		<u>2005</u>				standard to the latest edition.
577			UL 80-2004	Reject		Model code change adding the standard for Steel Inside Tanks for Oil-Burner Fuel. The standard covers a product which is beyond the scope of the code.
578	UL 103-2001			Adopt		Existing Oregon amendment deleting the standard for Factory-Built Chimneys for Residential Type and Building Heating Appliances. The standard covers a product which is beyond the scope of the code.
579	UL 125-97			Adopt		Existing Oregon amendment deleting the standard for Valves for Anhydrous Ammonia and LPG. The standard covers a product which is beyond the scope of the code.
580	UL 132-97			Adopt		Existing Oregon amendment deleting the standard for Safety Relief Valves for Anhydrous Ammonia and LPG. The standard covers a product which is beyond the scope of the code.
581	UL 144-99			Adopt		Existing Oregon amendment deleting the standard for LPG Regulators. The standard covers a product which is beyond the scope of the code.
582	UL 207-93			Adopt		Existing Oregon amendment adding the standard for Refrigerant-Containing Components and Accessories, Non-electrical.
583			UL 252-2003	Reject		Model code change adding the standard for Compressed Gas Regulations. The

						standard covers a product which is beyond the scope of the code.
584			UL 296-2003	Reject		Model code change adding the standard for Oil Burners. The standard covers a product which is beyond the scope of the code.
585	UL 343-97			Adopt		Existing Oregon amendment deleting the standard for Pumps for Oil-Burning Appliances. The standard covers a product which is beyond the scope of the code.
586	UL 352- <u>2006</u>			Adopt		Existing Oregon amendment deleting the standard for Constant - Level Oil Valves and updating the standard to the latest edition. The standard covers a product which is beyond the scope of the code.
587	UL 378-93			Adopt		Existing Oregon amendment deleting the standard for Draft Equipment. The standard covers a product which is beyond the scope of the code.
588	UL 441-96			Adopt		Existing Oregon amendment deleting the standard for Gas Vents. The standard covers a product which is beyond the scope of the code.
589	UL 443-95			Adopt		Existing Oregon amendment deleting the standard for Steel Auxiliary Tanks for Oil-Burner Fuel. The standard covers a product which is beyond the scope of the code.
590	UL 569-95			Adopt		Existing Oregon amendment deleting the standard for Pigtails and Flexible Hose

						Connectors for LP-Gas. The standard covers a product which is beyond the scope of the code.
591			UL 959-2001	Reject		Model code change adding the standard for Factory Built, Medium Heat Appliance Chimneys. The standard covers a product which is beyond the scope of the code.
592			UL 1206-2003	Reject		Model code change adding the standard for Electric Commercial Clothes Washing Equipment. The standard covers a product which is beyond the scope of the code.
593	3 GP 28			Adopt		Existing Oregon amendment deleting the standard for Fuel Oil, Canadian Government Specification Board. The standard covers a product which is beyond the scope of the code.

**CHAPTER 15
FIRESTOP PROTECTION**

594	1501.1			Adopt		Existing Oregon amendment removing reference to NFPA 5000 and making the reference the Building Code. NFPA 5000 is not adopted in Oregon.
595			1501.1	Adopt		Model code change deleting reference to NFPA 5000 Building Code. NFPA 5000 is not adopted in Oregon.
596			1502.1	Adopt		Model code change removing

						subjective language.
597			1505.0	Adopt		Model code change adding the new title "Combustible Piping Installations." This is to make the code more user friendly by identifying this section better.
598			1505.2	Adopt		Model code change deleting ambiguous and unenforceable language.
599			1506.2	Adopt		Model code change deleting ambiguous and unenforceable language.
600			1507.1	Adopt		Model code change deleting reference to NFPA 5000 Building Code. NFPA 5000 is not adopted in Oregon.

**CHAPTER 16
GRAY WATER SYSTEMS**

CHAPTER 16 GRAY WATER SYSTEMS						
601	Chapter 16			Adopt		Existing Oregon amendment deleting Part 1 of Chapter 16, which was Appendix G, Gray Water Systems in the 2003 UPC and was moved to Chapter 16 in the 2006 UPC and retaining Part II Reclaimed Water Systems. Gray water systems are not permitted under Oregon Department of Environmental Quality administrative rules.
602		Chapter 16		Reject		New Oregon amendment creates a new chapter addressing rainwater harvesting. The committee prefers this in an appendix see item number 619.

602.1		1614.0		Adopt		Create new Oregon amendment as follows: “Specifically excluded from this definition is gray water, which is defined in Part I of this chapter . Gray water provisions are not adopted in the code. All references to gray water systems should be removed from Chapter 16.
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APPENDIX E MANUFACTURED/MOBILE HOME PARKS AND RECREATIONAL VEHICLE PARKS						
602.1		Section E 1		Adopt		New Oregon amendment deleting the section and replacing it with a text box containing the statute definition in ORS 446.003. The model code language conflicts with current Oregon laws.
602.2		Section E 3		Adopt		New Oregon amendment deleting the section and replacing it with a text box containing the statute definition in ORS 446.003. The model code language conflicts with current Oregon laws.
602.3		Section E 10		Adopt		New Oregon amendment deleting the section because it conflicts with current administrative rules.
603		Table E-1		Adopt		New Oregon amendment correcting error changing 4” horizontal maximum fixture units to “216” from “256”.
603.1		Section E 15		Adopt		New Oregon amendment deleting

						the section because it conflicts with current administrative rules for manufactured dwelling.
604	Part D			Adopt		Existing Oregon amendment deleting Part D – Fuel Supply. This is beyond the scope of the plumbing code and is addressed in the mechanical code.
605		Table E-3		Adopt		New Oregon amendment deleting Table E-3 – Demand Factors for Use in Calculating Gas Piping Systems in M/H Communities. This is beyond the scope of the plumbing code and is addressed in the mechanical code.
605.1		Section E 48		Adopt		New Oregon amendment deleting the section because it conflicts with current administrative rules.
605.2		Section E 51		Adopt		New Oregon amendment deleting the section because it conflicts with current administrative rules.
605.3		Section E 68		Adopt		New Oregon amendment deleting the words: “ within four (4) feet (1219 mm) of the stand ” because it conflicts with current administrative rules.
605.4		Section E 77		Adopt		New Oregon amendment deleting the words: “ within four (4) feet (1219 mm) of the stand ” because it conflicts with current administrative rules.

605.5		Section E 79		Adopt		New Oregon amendment deleting the section because it conflicts with current administrative rules.
605.6		Section E 82		Adopt		New Oregon amendment deleting the section because it conflicts with current administrative rules.
APPENDIX F FIREFIGHTER BREATHING AIR REPLENISHMENT SYSTEMS						
606			Appendix F	Reject		Model code change creating Appendix F, Firefighter Breathing Air Replenishment Systems. Firefighter breathing air is not plumbing as defined in Oregon statutes.
APPENDIX I INSTALLATION STANDARDS						
607	Oregon IS 1A-04			Adopt		Existing Oregon amendment adding installation standard for corrugated PE pipe and fittings. Corrugated PE has been an approved piping system for exterior storm drainage for many years in Oregon.
608		Oregon IS 1A-04 Sections 2B.1, 3B.1 and 3B.3		Adopt		Amend existing Oregon amendments in installation standard for corrugated PE pipe and fittings, section 2B.1, 3B.1 and 3B.3 adding pipe sizes up to 60" and the ASTM F2306 standard. This updates the installation standard to the latest edition and

						addresses larger diameter piping.
609	Oregon IS 29-04			Adopt		Existing Oregon amendment adding installation standard for corrugated metal sewers. Corrugated metal piping has been an approved piping system for exterior storm drainage for many years in Oregon.
610			IS 20-2005	Adopt		Model code changes to the installation standard for CPVC water distribution systems. The changes clarify one step solvent cement use and when primers are not required. There are also additional safety provisions added to the standard.
611			SIS 1-2003	Reject		Model code change adding the standard to the code. These installations address spas which are beyond the scope of the plumbing code.
612			SIS 2-2003	Reject		Model code change adding the standard to the code. These installations address spas which are beyond the scope of the plumbing code.
APPENDIX K PRIVATE SEWAGE DISPOSAL SYSTEMS						
613	Appendix K			Adopt		Existing Oregon amendment deletes Appendix K which addresses septic tanks. Septic tanks

						are regulated by the Oregon Department of Environmental Quality and not the state building code.
APPENDIX L ALTERNATE PLUMBING SYSTEMS						
614	Appendix L			Adopt		Existing Oregon amendment deletes Appendix L. Appendix L addresses alternate plumbing systems which are covered in Oregon administrative rule 918-008-0095.
615			Sections L7.0 to L7.5	Reject		Model code change deleting sections addressing FOG (Fats, Oils, and Greases) Disposal Systems. Appendix L is not adopted.
616			Sections L7.0 to L7.5	Reject		Model code change creating new sections addressing Circuit Venting.. Appendix L is not adopted.
617			Sections L8.0 to L8.9, Table L-3	Reject		Model code change creating new sections addressing Single Stack Vent Systems.. Appendix L is not adopted.
618			Section L8.6	Reject		Model code TIA proposed to delete "air admittance valve," from the section.. Appendix L is not adopted.
APPENDIX M NON-MANDATORY PROVISIONS FOR RAINWATER HARVESTING SYSTEMS						
619		Appendix M		Adopt		Create a new Oregon non-mandatory

						recommended provisions for rainwater harvesting systems. The committee amended the appendix by deleting the word “installer” at the end of section M 1.1 and adding the words “building Owner”. The committee recommended that the appendix be titled appendix M so that it would stand alone as the last appendix in the code and not be confused with mandatory code provisions.
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