



STATE OF WASHINGTON

## STATE BUILDING CODE COUNCIL

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### 2018 UNIFORM PLUMBING CODE TECHNICAL ADVISORY MEETING MINUTES

**LOCATION:** Tukwila Labor and Industries Office  
12806 Gateway Dr. S  
Tukwila, WA 98168

**DRAFT**

**MEETING DATE:** Friday February 1, 2019

**Members in Attendance:** Steve Simpson, Dave Cantrell, Paul Clark, Kevin Johnson, Pat Lando, Fred Vokers, Michael Curtright, Ed Holmes, Bill Misocky

**Staff In Attendance:** Ray Shipman

**Visitors Present:** Todd Allred

Agenda Items	TAG/Staff Actions/Discussion
1. Welcome and Introductions	Meeting called to order at 10:00 a.m. by Steve Simpson. Everyone was welcomed and roll was taken.
2. Review & Approve Agenda	The agenda was approved as written.
3. Review and Approve December 21 & January 4 Minutes	Reviewed and Approved.
4. Review Results From Tasks Assignments on Chapters 6,15,16,17, Appendix's and review any code sections outstanding.	See attached worksheet for results of the.
5. Review IRC section 329 <a href="#">WAC 51-51-0329</a> and 903 <a href="#">WAC 51-51-0903</a>	Plumbing Tag does not review swimming pools. Does not have comments for either amendment.
6. Other Business	Steve Simpson will report to the Council on the TAG's progress
7. Adjourn	The meeting was adjourned at 2:00 p.m.

Attachments: 020119 UPC Review Status spreadsheet

## Washington State Building Code Council • Code Change Cycle 2018 Group 2 2018 Uniform Plumbing Code Review Worksheet

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
<b>Chapter 1 Scope and Administration (...)</b>						
	<b>102.1</b>	<a href="#">WAC 51-56-0100</a> Conflict Between Codes	<b>Delete paragraph</b>	N	N	None
	<b>103.3.1</b>	<a href="#">WAC 51-56-0100</a> Certification		N	N	None
<b>Chapter 2 Definitions. (...)</b>						
<b>203.0</b>			“Anesthetizing Location” Deleted “Appliance” now includes <i>compressed fuel gas</i> as an energy source	N	N	None
	<b>205.0</b>	<a href="#">WAC 51-56-0200</a> Certified Backflow Assembly Tester	Category 1,2,3, Combustible material, Critical Care Area. Definition and NFPA have been re- written. Category 3 “Vacuum System” The term “medical” has been removed and the NFPA reference has been changed.	N	N	Keep the amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
206.0			Direct Vent Appliances. / The word "all" has been added before "flue gases" and the NFPA reference has been changed.	N	N	None
209.0			The definition for "General Care Area" has been deleted.	N	N	None
	210.0	<a href="#">WAC 51-56-0200</a> Hot Water	The definition for "Hot Water" has been changed to 100° by a WA State Amendment. The amendment is still needed.	N	N	Keep the amendment
211.0	211.0	<a href="#">WAC 51-56-0200</a> Insanitary	Subsection (3) of this definition has been changed by a WA State Amendment. The amendment is still needed.	N	N	Keep the amendment
212.0	212.0	Joint Press Connect	This is a new definition for a new pipe joining method.	N	N	None
214.0	214.0	Minimal Sedation (Anxiolysis)	This is a new definition under "Levels of Sedation".	N	N	None

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
215.0	215.0		<p><b>Medical Air.</b> Definition and NFPA reference have been rewritten.</p> <p><b>Medical Gas. / Manifold / Medical Gas System &amp; Medical Support Gas</b> have been combined.</p> <p>Also the word "<b>where</b>" in the Medical Support Gas definition has been changed to "<b>if</b>".</p>	N	N	None
	218.0	<a href="#">WAC 51-56-0200</a> Plumbing System	<p><b>Patient Care Room.</b> This definition, title and NFPA reference have been rewritten.</p> <p><b>Plumbing System.</b> / This definition has been changed by a WA State Amendment. The amendment is still needed.</p> <p>The definition for "<b>Pressed Fitting</b>" has been deleted.</p>	N	N	Keep the amendment
	225.0	<a href="#">WAC 51-56-0200</a> Water/Wastewater Utility	<p>Did not notice any changes. Are there any?</p> <p><b>Water/Wastewater Utility.</b> / This definition has been changed by a WA State Amendment. The amendment is still needed.</p> <p><b>Wet Procedure Locations.</b> / The word "room" has been changed to "space"</p>	N	N	Jed stated that it was an error in printing. No changes. Keep the amendment

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<b>Chapter 3 General Regulations (...)</b>						
	<b>301.2.2</b>	<a href="#">WAC 51-56-0300</a> Standards	None	N	N	Keep amendment
	<b>301.3</b>	<a href="#">WAC 51-56-0300</a> Alternative Materials and Methods of Construction Equivalency	None	N	N	Keep amendment
<b>309.5</b>		Sound Transmission			Y	Amendment needed Strike 309.5 Sound Transmission
	<b>310.4</b>	<a href="#">WAC 51-56-0300</a> Use of Vent and Waste Pipes			N	Keep amendment
	<b>312.6</b>	<a href="#">WAC 51-56-0300</a> Freezing Protection			N	Keep amendment
	<b>312.7</b>	<a href="#">WAC 51-56-0300</a> Fire-Resistant Construction			N	Keep amendment
<b>Chapter 4 Plumbing Fixtures and Fixture Fittings (...)</b>						

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	402.5	<a href="#">WAC 51-56-0400</a> Setting			N	Keep Amendment
	405.4	<a href="#">WAC 51-56-0400</a> Application			N	Keep Amendment
	407.2	<a href="#">WAC 51-56-0400</a> Water Consumption			N	Keep Amendment
	407.4	<a href="#">WAC 51-56-0400</a> <b>Metering Valves</b>			N	Keep Amendment
	408.2	<a href="#">WAC 51-56-0400</a> <b>Water Consumption</b>			N	Keep Amendment
	408.4	<a href="#">WAC 51-56-0400</a> <b>Waste Outlet</b>			N	Keep Amendment
	408.6	<a href="#">WAC 51-56-0400</a> <b>Shower Compartments</b>			N	Keep Amendment
	411.2	<a href="#">WAC 51-56-0400</a> <b>Water Consumption</b>			N	Keep Amendment
	412.1	<a href="#">WAC 51-56-0400</a> <b>Application</b>			N	Keep Amendment
	414.3	<a href="#">WAC 51-56-0400</a> <b>Drain Connection</b>			?	Keep Amendment <b>Edit reference to 807.3</b>
	415.2	<a href="#">WAC 51-56-0400</a> <b>Drinking Fountain Alternatives</b>			N	Keep Amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	418.3	<a href="#">WAC 51-56-0400</a> Location of Floor Drains			N	Keep Amendment
	422.0	<a href="#">WAC 51-56-0400</a> Minimum Number of Required Fixtures			N	Keep Amendment
<b>Chapter 5 Water Heaters (...)</b>						
	501.1	<a href="#">WAC 51-56-0500</a> Applicability	The minimum capacity for water heaters shall be in accordance with the first hour rating listed in Table 501.1(2) to match model code Table 501.1(1) has been moved to this location and renumbered. Table 501.1(2) has been updated by a TIA and renumbered. This table was changed by a WA State Amendment which needs to be reviewed to see if it is still needed.	N	?	Re-number "2" to match model code. Editorial Change
	504.1	<a href="#">WAC 51-56-0500</a> Location			N	Keep Amendment
	505.2	<a href="#">WAC 51-56-0500</a> Safety Devices	Is the amendment still needed?		N	Keep the amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	506.0	<a href="#">WAC 51-56-0500</a> Combustion Air	<b>See the Mechanical Code. Sections 506.1 through 506.9 are not adopted. Sections 507.6 through 507.9 are not adopted.</b>		N	Keep The amendment
	507.2	<a href="#">WAC 51-56-0500</a> Seismic Provisions	Not needed. Model code covers the intent of WAC.	N	N	Keep the Amendment
507.3		Appliance Support	The Title has been changed from "Support of Appliances". The text "with an approved number of supports" has been changed to "with a sufficient number of supports."	N	N	None
507.3.1		Structural Capacity	The text "are capable to carry" has been changed to "are adequate to carry"	N	N	None
507.4		Ground Support	The text "supported from the ground shall" has been changed to "supported from the earth shall"	N	N	None
507.6		Added or Converted Equipment or Appliances. Subsection (1)	The text "they shall be upgraded to be in accordance with Section 506.0 specifications. [NFPA 54:9.1.2(1)]"	N	N	Not adopted



2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
507.10		Protection of Gas Appliances from Fumes or Gases other than Products of Combustion.	<p>The text "shall be located in a mechanical equipment room" has been changed to "shall be located in a mechanical room"</p> <p>The text "shall be installed in accordance with the appliance manufacturers" has been changed to "shall be in accordance with the appliance manufacturers"</p>	N	N	None
507.12		Flammable Vapors	The text "with Section 507.13, Section 507.14, or Section 507.15" has been changed to "with Section 507.13, through Section 507.15"	N	N	None

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
507.14		Repair Garages.	<p>The existing Section read as follows: Appliances installed in repair garages shall be installed in a detached building or room, separated from repair areas by walls or partitions, floors, or floor-ceiling assemblies that are constructed so as to prohibit the transmission of vapors and having a fire resistance rating of not less than 1 hour, and that have no openings in the wall separating the repair area within 8 feet (2438 mm) of the floor. Wall penetrations shall be fire stopped. Air for combustion purposes shall be obtained from outside the building. The heating room shall not be used for the storage of combustible materials.</p> <p>Exceptions: (1) Overhead heaters where installed not less than 8 feet (2438 mm) above the floor shall be permitted.</p> <p>(2) Heating appliances for vehicle repair areas where there is no dispensing or transferring of Class I or Class II flammable or combustible liquids or liquefied petroleum gas shall be installed in accordance with NFPA 30A. [NFPA 54:9.1.11.2] The entire Section was revised to read as follows: Appliances installed in</p>	N	N	None

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
			repair garages shall be installed in accordance with NFPA 30a [NFPA 54:9.1.11.2]			
	507.13	<a href="#">WAC 51-56-0500</a> Installation in Garages		N	N	Keep amendment
	507.16	<a href="#">WAC 51-56-0500</a> Venting of Flue Gases	<b>Delete entire section. Sections 507.18 through 507.22 are not adopted</b>	N	N	Keep amendment
507.27		Clearance to Combustable Materials	Appliances and their vent connectors shall be installed with clearances from combustible material so their operation does not create a hazard to persons or property. Minimum clearances between combustible walls and the backsides of various conventional types of appliances and their vent connectors are specified in Section 509. [NFPA 54:9.2.2]	N	N	None
508.0		Equipment and Appliances on Roofs.	Equipment and Appliances on Roofs. Has been changed to "Appliances on Roofs."	N	N	None
508.1		General	The text "Equipment and appliances on roofs" has been changed to: "Appliances on roofs" The text "panels of the equipment and appliance and the wall" has been changed to: "panels of the appliance and the wall"	N	N	None

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
508.1.1		Load Capacity	The text "Roofs on which equipment and appliances are to be installed" has been changed to: "Roofs on which appliances are to be installed"	N	N	None
508.2		Electrical Power.	The text "Equipment and appliances requiring" has been changed to "Appliances requiring"	N	N	None
508.2.1		Clearance	<p>Clearance. The text "Equipment and appliances shall be installed" has been changed to "Appliances shall be installed"</p> <p>The text " between a part of the equipment and appliance and the edge" has been changed to "between a part of the appliance and the edge"</p>	N	N	None
508.2.2		Electrical Power	<p>Electrical Power. The text "Equipment and appliances requiring" has been changed to "Appliances requiring"</p> <p>Subsection (1) The text "de-energize the equipment and appliance." has been changed to "de-energize the appliance."</p> <p>Subsection (2) The text "adjacent to the equipment and appliance." has been changed to "adjacent to the appliance."</p>	N	N	None

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
508.2.3		Platform or Walkway	The existing Section includes (3) references to "equipment and appliances" which have been changed to "appliances"	N	N	None
508.3		Access to Equipment and Appliances on Roofs	Equipment and appliances located on roofs or other elevated locations shall be accessible. [NFPA 54:9.4.3.1] This section has been changed to: Appliances on Roofs. Appliances located on roofs or other elevated locations shall be accessible. [NFPA 54:9.4.3.1]	N	N	None
508.3.2			Access Type. The text "trapdoors shall be not less than 22 inches" has been changed to "trapdoors shall be at least than 22 inches" The text "Not less than 6 feet (1829 mm) of clearance " has been changed to "At least than 6 feet (1829 mm) of clearance" The text "guards not less than 42 inches" has been changed to "guards a minimum of 42 inches "	N	N	None
	<b>509.0</b>	<a href="#">WAC 51-56-0500</a> Venting of Equipment	<b>Delete entire section</b>	N	N	Keep amendment
	<b>510.0</b>	<a href="#">WAC 51-56-0500</a> Sizing of Category I Venting Systems	<b>Delete entire section</b>		N	Keep amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	511.0	<a href="#">WAC 51-56-0500</a> Direct Vent Equipment	Delete entire section			Keep Amendment
<b>Chapter 6 Water Supply and Distribution (...)</b>						
	601.1	<a href="#">WAC 51-56-0600</a> Applicability	Same – but not sure why we need this amendment.		N	Keep Amendment
	603.1	<a href="#">WAC 51-56-0600</a> General	Same		N	Keep Amendment
	603.2	<a href="#">Table 603.2</a>	Added ASME standard		N	None
	603.2	<a href="#">WAC 51-56-0600</a> <a href="#">Table 603.2</a>	Conflict with carbonator device still remains		N	Keep Amendment
	603.2	<a href="#">WAC 51-56-0600</a> Approval of Devices or Assemblies	Same		N	Keep Amendment
	603.4.2	<a href="#">WAC 51-56-0600</a> Testing	Same		N	Keep Amendment
	603.4.7	Freeze Protection	Editorial – changed ‘in accordance’ to ‘that complies’		N	None
	603.4.9	<a href="#">WAC 51-56-0600</a> Prohibited Location	Same		N	Keep Amendment
	603.5.6	<a href="#">WAC 51-56-0600</a> Protection from Lawn Sprinklers and Irrigation Systems	Same		N	Keep Amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	<b>603.5.10</b>	<a href="#">WAC 51-56-0600</a> Steam or Hot Water Boilers	Same		N	Keep Amendment
	<b>603.5.12</b>	<a href="#">WAC 51-56-0600</a> Beverage Dispensers	Editorial – changed ‘in accordance’ to ‘that complies’		?	Keep Amendment (change to complies with)
	<b>603.5.14</b>	<a href="#">WAC 51-56-0600</a> Protection from Fire Systems	Same		N	Keep Amendment
	<b>603.5.21</b>	Chemical Dispensers	New Section, check compatibility with DOH reg		Y	Amendment Needed Referencing DOH see section 603.1
	<b>604.1</b>	Table 604.1	Standards updated, added table note		?	Editorial change needed. To match model code
	<b>604.10</b>	Tracer wire	Cont. required		N	None
	<b>604.13</b>	Water Heater Connectors	Editorial – changed ‘be in accordance’ to ‘ <b>comply</b> ’		?	Editorial change needed. To match model code
	<b>604.14</b>	<a href="#">WAC 51-56-0600</a> Plastic Pipe Termination	Still not part of UPC		N	Keep Amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	605.1.3.3 605.1.4 605.1.5 605.2.2 605.3.1 605.5.2 605.6.1.1 605.6.1.3 605.8 605.9.1 605.10.1 605.12.2	Joints	Editorial – changed ‘be in accordance’ to ‘comply’		?	Editorial change needed. To match model code. <b>comply</b>
	605.2.1	CPVC	New section for mechanical joints		N	Lots of discussion to eliminate push fit fittings.
	605.3.2 605.3.2.1	CPVC/AL/CPVC	New section for mechanical joints, push fit		N	None
	605.6.1 605.6.1.3	PE	Editorial – changed ‘installed’ to made (but still has ‘in accordance’!)		N	None
	605.8 605.8.1	PE-RT	Rewrite of section for mechanical joints		N	None
	605.9.3	PEX	New section for push fit		N	None



2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	605.12	PVC	New section for UV protection		N	None
	605.13.1 605.16.1	Joints	Editorial – changed ‘pressed’ to ‘press-connect’		N	None
	606.1	Valves	Added full-port, changed ‘be in accordance’ to ‘comply’, updated standards		N	Editorial change needed. To match model code. <b>comply</b>
	606.5	<a href="#">WAC 51-56-0600</a> Control Valve	Same		N	Keep Amendment
	607.2 608.2 608.5 608.7 609.10	Various	Editorial changed ‘be in accordance’ to ‘comply’		?	Editorial change needed. To match model code. <b>comply</b>
	608.3	<a href="#">WAC 51-56-0600</a> Expansion Tanks, and Combination Temperature and Pressure-Relief Valves	Same		?	Keep Amendment Add exception from 608.3.1
	608.3.1	<a href="#">WAC 51-56-0600</a>	Same		Y	Delete 608.3.1

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	608.5	<a href="#">WAC 51-56-0600</a> Discharge Piping	Same		?	Keep Amendment Editorial change needed. To match model code. <b>comply</b>
	609.4	Testing	New Section		N	None
	609.9	<a href="#">WAC 51-56-0600</a> Disinfection of Potable Water System	Same		N	Keep Amendment
	609.11	<a href="#">WAC 51-56-0600</a> Insulation of Potable Water Piping	Same		Y	Keep Amendment
	610.3	Table 610.3	Added Hybrid Urinal		N	None
	610.4	<a href="#">WAC 51-56-0600</a> Sizing Water Supply and Distribution Systems	Same		N	Keep Amendment
	610.9	Size of Branches	Rewrite of section to reference previous		N	None
	611.1	<a href="#">WAC 51-56-0600</a> Application	Same		N	Keep Amendment
	611.3	Connection Tubing	Deleted standards, added 'as recommended by manufacturer'		N	None
	612.1	<a href="#">WAC 51-56-0600</a> General	<b>Sections 612.2 through 612.7.2 are not adopted.</b>		N	None

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Chapter 7 Sanitary Drainage (... THIS CHAPTER NEEDS RE-NUMBERED)						
	701.2	<a href="#">WAC 51-56-0700</a> Drainage Piping	Retain State Amendment? Chapter 14 referenced the remaining language same.	N	N	Keep the Amendment
Table 701.2		<a href="#">Materials for DWV and fittings</a>	Added new reference standards for co-extruded PVC (ASTM F1760, F1336) Polyethylene ASTM F894 Added two materials PVC (sewer drain) and PVC PSM	N	N	None
	703.2	<a href="#">WAC 51-56-0700</a> Table	Retain State Amendment	Y	N	Keep the Amendment
	704.3	<a href="#">WAC 51-56-0700</a> Commercial Sinks	Retain State Amendment	N	N	Keep the Amendment
705.2.2	705.2.2	<a href="#">Mechanical Joints and Compression Joints</a>	Second Paragraph change from in accordance with to comply with	N	N	None
705.3.1	705.3.1	<a href="#">Brazed Joints</a>	change from in accordance with to comply with	N	N	None
705.3.3	705.3.3	<a href="#">Soldered Joints</a>	change from in accordance with to comply with	N	N	None
705.3.4	705.3.4	<a href="#">Threaded Joints Copper or Copper Alloy</a>	change from in accordance with to comply with	N	N	None
705.4.2	705.4.2	<a href="#">Threaded Joints</a>	change from in accordance with to comply with	N	N	None

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
705.5		<a href="#">Polyethylene PE Sewer Pipe</a>	Added new sections dealing with installation of PE sewer piping	N	?	None
705.6.1	<b>705.5.1</b>	<a href="#">Mechanical Joints</a>	Added Hydraulic press-connect	N	N	None
705.6.2	<b>705.5.2</b>	<a href="#">Solvent Cemented Joints</a>	change from in accordance with to comply with	N	N	None
705.7.2	<b>705.6.2</b>	<a href="#">Welded Joints</a>	Comply with to accordance with	N	N	None
705.8.1	<b>705.7.1</b>	<a href="#">Mechanical Joints</a>	change from in accordance with to comply with	N	N	None
705.10	<b>705.9</b>	<a href="#">Joints Between Various Materials</a>	Referenced sections changed change from in accordance with to comply with	N	N	None
	<b>707.4</b>	<a href="#">WAC 51-56-0700</a> Location	Retain State Amendment	N	N	Keep the Amendment
	<b>707.9</b>	<a href="#">WAC 51-56-0700</a> Clearance	Retain State Amendment	N	N	Keep the Amendment
	<b>713.0</b>	<a href="#">WAC 51-56-700</a>	<b>Part II Building Sewers. Delete all of Part II (Sections 713 through 723, and Tables 717.1 and 721.1).</b>		N	Keep the Amendment
<b>Chapter 8 Indirect Waste (...)</b>						
		<a href="#">WAC 51-56-0800</a> Indirect wastes	No text	N	N	Keep Amendment
811.2	811.2	Waste and Vent Pipes	Code change adds CPVC pipe and fittings and applicable product standard. Recommend accepting the code change. No state amendment needed and no economic impact.	N	N	None

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
<b>Chapter 9 Vents (...)</b>						
	<b>903.1</b>	<a href="#">WAC 51-56-0900</a> Applicable Standards	Code change deletes reference to Table 701.1 (which is what the state amendment does) and adds specific requirements for testing plastic pipe and tubing to ASTM E84 or UL 723. Recommend accepting the code change. No need for state amendment. No economic impact.	N	Y	Delete Amendment
903.2.3	<b>903.2.3</b>	Marking	Code change deletes reference to Table 1701.1. Recommend accepting the code change. No state amendment needed, no economic impact.	N	N	None
906.1	<b>906.1</b>	Roof termination	Code change adds requirement to protect ABS and PVC piping exposed to sunlight by means of water based synthetic latex paints. This is a recommendation by manufacturers, not a mandate. Could be viewed as an economic impact. Needs discussion.	N	N	None

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	908.2.4	<a href="#">WAC 51-56-0900</a> Water Closet	<b>This section is not adopted</b> Recommend keeping the state amendment to delete since the water closet can be located downstream of other fixtures in a circuit vent configuration. No economic impact by keeping the state amendment.	N	N	Keep amendment
<b>Chapter 10 Traps and Interceptors (...)</b>						
		<a href="#">WAC 51-56-1000</a> Traps and interceptors	No Text		N	Keep the Amendment
<b>Chapter 11 Storm Drainage (...)</b>						
	1101.4	<a href="#">WAC 51-56-1100</a> Material Uses	<b>Added:</b> In accordance with applicable standards referenced in Table 1701.1. <b>Also added:</b> Where tested in accordance with ASTM E84 or UL 723. These tests shall comply with all requirements of the standards to include the sample size, both for width and length. Plastic pipe shall not be tested filled with water.		N	Keep the Amendment
1101.13	<a href="#">WAC 51-56-1100</a> Cleanouts	No changes here	NOTE: the only other change in this section was in 1104.2 Conductors: 2015 code stated be in accordance: 2018 code states "Shall Comply Keep amendment		?	Keep Amendment <b>Edit shall Comply</b>
	1101.13.1	<a href="#">WAC 51-56-1100</a> Locations	No changes here		N	Keep amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	1101.13.2	<a href="#">WAC 51-56-1100</a> Cleaning	This section is not in the 2015 or 2018 UPC code.		N	Keep Amendment
	1101.13.3	<a href="#">WAC 51-56-1100</a> Access	This section is not in the 2015 or 2018 UPC code.		N	Keep Amendment
	1101.13.4	<a href="#">WAC 51-56-1100</a> Manholes	This section is not in the 2015 or 2018 UPC code.		N	Keep Amendment
	1105.0	<a href="#">WAC 51-56-1100</a> Controlled-Flow Roof Drainage	<b>This section is not adopted.</b>		N	Keep the amendment
<b>Chapter 12 Fuel Gas Piping (...) NOT ADOPTED</b>						
<b>Chapter 13 Health Care Facilities Med Gas &amp; Vacuum Syst. (...)</b>						
	1303.8	<a href="#">WAC 51-56-1300</a> Water Mains for Hospitals			N	Keep the amendment
	1305.3	<a href="#">WAC 51-56-1300</a> <a href="#">Minimum Station Outlets/Inlets</a>			N	Keep the amendment
<b>Chapter 14 Firestop Protection (...)</b>						
		<a href="#">WAC 51-56-1400</a>	<b>RESERVED NO TEXT</b>		N	None
<b>Chapter 15 Alt. Water Sources for Nonpotable App. (...)</b>						

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	1501.1.1	<a href="#">WAC 51-56-1500</a> Allowable use of Alternative Water			Y	Amendment Needed. To say: The provisions of this chapter and the Washington state department of health shall apply to the construction, alteration and repair of alternate water source systems for non – potable applications.  Delete all other amendments in chapter 15
	1501.2	<a href="#">WAC 51-56-1500</a> System Design	Alternate water source systems shall be designed in accordance with this chapter, and applicable department of health rules by a registered design professional		Y	Delete Amendment



2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	1501.7		The minimum water quality for alternate water source systems shall meet the applicable water quality requirements for the intended application as determined by applicable department of health rules and the authority having jurisdiction. In the absence of water quality requirements, the EPA/625/R-04/108 contains recommended water reuse guidelines to assist regulatory agencies develop, revise, or expand alternate water source water			None
	1501.11.2.3	<a href="#">WAC 51-56-1500</a> Discovery of Cross-Connection	In the event that an unauthorized cross-connection with the potable water system is discovered, the following procedure, , in the presence of the AHJ, shall be activated immediately		Y	Delete Amendment
	1501.13.1	<a href="#">WAC 51-56-1500</a> General			Y	Delete Amendment
	1502.0	<a href="#">WAC 51-56-1500</a> Gray Water Systems	<b>NOT ADOPTED</b>		Y	Delete Amendment
	1503.4	<a href="#">WAC 51-56-1500</a> Connection to Potable or Reclaimed (Recycled) Water Systems			Y	Delete Amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	1504.1	<a href="#">WAC 51-56-1500</a> General	1501.1.1 Allowable use of Alternative Water. Where approved or required by the authority having jurisdiction, alternate water sources (reclaimed (recycled) water, gray water and on-site treated nonpotable water) shall be permitted		Y	Delete Amendment
	1504.7	<a href="#">WAC 51-56-1500</a> On-Site Treated Nonpotable Water Devices and Systems	Devices or equipment used to treat nonpotable water for on-site use in order to maintain the minimum water quality requirements determined by the authority having jurisdiction shall be approved by the department of health.		Y	Delete Amendment
	1504.10.2	<a href="#">WAC 51-56-1500</a> Reserved	<b>RESERVED NO TEXT</b>		Y	Delete Amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
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**Chapter 16 Nonpotable Rainwater Catchment Syst. (...)**

	1601.11.1	<a href="#">WAC 51-56-1600</a> General			Y	New amendment To say: The provisions of this chapter and the Washington state department of health shall apply to the construction alteration and repair of non-potable rainwater catch systems.  Delete all other amendments in chapter 16
	1602.0	<a href="#">WAC 51-56-1600</a> Nonpotable Rainwater Catchment Systems	NO TEXT		Y	Delete Amendment

2018 Code Section	2015 Code Section	Title or Subject	Reviewer Comments	Economic Impact (Y/N)	Amend Needed (Y/N)	TAG Comments/ Recommendation
	1602.1	<a href="#">WAC 51-56-1600</a> General	The installation, construction, alteration, and repair of rainwater catchments systems shall be approved by the authority having jurisdiction		Y	Delete Amendment
	1602.11.2.3	<a href="#">WAC 51-56-1600</a> Discovery of Cross-Connection			Y	Delete Amendment
<b>Chapter 17 Reference Standards (...)</b>						
		<a href="#">WAC 51-56-1700</a>			N	Keep amendment
<b>Appendices A,B,I (...)</b>						
						None