UPC Existing Amendment Review Repeal existing state amendments: Keep Existing amendment as modified: Keeping existing amendment (May include renumbering): Summary:

Red text = State amended language

Last Updated: May 15, 2024 Blue text = Model code change

Title or Subject	2021 UPC #	2024 UPC #	Rationale			Other Comments			
		CI	hapter 1 Administration						
Chapter 1—Adminis	tration								
Conflict Between Codes	102.1	102.1	UPC language conflicts with the statute on order of precedence.	Keep existing amendment					
102.1 Conflicts Betw	een Codes. This	section is not adopt	ed.						
Certification	103.3.1	103.3.1	Ensures correlation with the L&I rules for certification.	Keep existing amendment					
103.3.1 Certification. State rules and regulations concerning certification shall apply.									
			Chapter 2 Definitions						
Chapter 2—Definitions									
Certified backflow assembly tester	205	205	Coordination between the plumbing code and DOH rules (pre-2000, modified in 2012)	Keep existing amendment					
205.0 Certified Backflow Assembly Tester. A person certified by the Washington state department of health under chapter 246-292 WAC to inspect (for correct installation and approval status) and test (for proper operation), maintain and repair (in compliance with chapter 18.106 RCW) backflow prevention assemblies, devices and air gaps.									
Hot water	210	210	There are a number of uses of the phrase "hot water" within the code that are in direct contradiction to the 120 degree requirement. You typically don't want 120 degree water coming out of a public hot water faucet. (2006)	Keep existing amendment					
	Chapter 1—Adminis Conflict Between Codes 102.1 Conflicts Betw Certification 103.3.1 Certification Chapter 2—Definitio Certified backflow assembly tester 205.0 Certified Backinspect (for correct ins chapter 18.106 RCW)	Chapter 1—Administration Conflict Between 102.1 102.1 Conflicts Between Codes. This s Certification 103.3.1 103.3.1 Certification. State rules and re Chapter 2—Definitions Certified backflow assembly tester 205.0 Certified Backflow Assembly Teinspect (for correct installation and apprechapter 18.106 RCW) backflow preventi	Chapter 1—Administration Conflict Between	Chapter 1—Administration Conflict Between Codes 102.1 102.1 UPC language conflicts with the statute on order of precedence. 102.1 Conflicts Between Codes. This section is not adopted. Certification 103.3.1 103.3.1 Ensures correlation with the L&I rules for certification. 103.3.1 Certification. State rules and regulations concerning certification shall apply. Chapter 2 Definitions Certified backflow assembly tester 205 205 Coordination between the plumbing code and DOH rules (pre-2000, modified in 2012) 205.0 Certified Backflow Assembly Tester. A person certified by the Washington state departme inspect (for correct installation and approval status) and test (for proper operation), maintain and rehapter 18.106 RCW) backflow prevention assemblies, devices and air gaps. There are a number of uses of the phrase "hot water" within the code that are in direct contradiction to the 120 degree requirement. You typically don't want 120 degree water coming out of a public hot water faucet.	Chapter 1—Administration Conflict Between Codes 102.1 102.1 102.1 Statute on order of precedence. 102.1 Conflicts Between Codes. This section is not adopted. Certification 103.3.1 103.3.1 Ensures correlation with the L&I Keep existing amendment rules for certification. State rules and regulations concerning certification shall apply. Chapter 2 Definitions Certified backflow assembly tester 205 205 Coordination between the plumbing code and DOH rules (pre-2000, modified in 2012) 205.0 Certified Backflow Assembly Tester. A person certified by the Washington state department of health under chainspect (for correct installation and approval status) and test (for proper operation), maintain and repair (in compliance we chapter 18.106 RCW) backflow prevention assemblies, devices and air gaps. There are a number of uses of the phrase "hot water" within the code that are in direct contradiction to the 120 degree requirement. You typically don't want 120 degree water coming out of a public hot water faucet.	Chapter 1 Administration			

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments
	Plumbing system	218	218	Correlating the code with the L&I definition of plumbing system (pre-2000, with edits in in 2009)	Keep existing amendment		
	218.0 Plumbing System. Includes all posystems, all rainwater systems, all plumbints and connection, devices, receptors potable water treating or using equipmen be required for the installation of a plumb		bing fixtures and tr s, and appurtenand nt, medical gas and	aps, all drainage and vent pipe(s), and es within the property lines of the prem medical vacuum systems, and water h	all building drains incluises and shall include neaters: Provided, That	uding their respective potable water piping,	
	Spray sprinkler body	221	221	Added definition to support water conservation requirements in ch. 4 (2018)	Keep existing amendment		
	221.0 Spray Sprinkle convey water to a noz		ior case or shell of	a sprinkler incorporating a means of co	nnection to the piping	system designed to	
	Water heater (consumer storage)	225	225	Added definition to support water conservation requirements in ch. 4 (2018)	Keep existing amendment		
	water, has a nameplat	te input rating of tw	elve kilowatts or le	umer product that uses electricity as the ss, contains nominally forty gallons but n hot water delivery temperature less th	no more than one hun	ndred twenty gallons	
	Water heater (mini tank)	225	225	Added definition to support water conservation requirements in ch. 4 (2018)	Keep existing amendment		
	Water Heater (mini-ta storage volume of less			eater that has a measured storage volu	ume of more than one (gallon and a rated	
	Water/wastewater utility	225	225	Coordination between the plumbing code and DOH rules (2012)	Keep existing amendment		
				ng a water purveyor as defined in chap water, or both to wholesale or retail cus		ch may treat, deliver,	

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendation	Other Comments					
			Chapte	r 3 General Regulations								
	Chapter 3 - General	Regulations										
	Standards	301.2.2	Keep existing amendment		L&I still references the 2002 edition of ANSI 14.3 in their rules							
	this code, when used materials of various g materials for special of	301.2.2 Standards. Standards listed or referred to in this chapter or other chapters cover materials which will conform to the requirements of this code, when used in accordance with the limitations imposed in this or other chapters thereof and their listing. Where a standard covers materials of various grades, weights, quality, or configurations, the portion of the listed standard that is applicable shall be used. Design and materials for special conditions or materials not provided for herein shall be permitted to be used by special permission of the Authority Having Jurisdiction after the Authority Having Jurisdiction has been satisfied as to their adequacy in accordance with Section 301.2.										
51-56-0300	Use of vent and waste pipes	310 4 310 4										
	310.4 Use of Vent and Waste Pipes. Except as hereinafter provided in Section 908.0 through Section 911.0, no vent pipe shall be used as a soil or waste pipe, nor shall a soil or waste pipe be used as a vent.											
	Freezing protection	312.6	312.6	Existing Prior 2003	Keep existing amendment							
	312.6 Freezing Protection. No water, soil, or waste pipe shall be installed or permitted outside of a building, in attics or crawl spaces, or in an exterior wall unless, where necessary, adequate provision is made to protect such pipe from freezing. All hot and cold water pipes installed outside the conditioned space shall be insulated to meet the minimum requirements of the Washington State Energy Code.											
	Fire-resistant construction	312.7	312.7	Existing Prior 2003 WSR 04-01-110	Keep existing amendment							
	312.7 Fire-Resistant protected in accordan			oor/ceiling assemblies and fire-resistan ng code.	ce rated walls or partiti	ons shall be						

Commented [BG1]: Ensures safety, supports innovation, aligns with national codes, and allows local oversight.

WAC	Title or Subject	2021 UPC#	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments				
			Chapter 4 Plu	mbing Fixtures and Fixture Fittin	gs						
	Chapter 4 – Plumbing	Fixtures and F	ixture Fittings								
	Setting	402.5	402.5	In 2009 it was amended to align with IRC and that can be found in WSR 09-17-143	Keep existing amendment						
	402.5 Setting. Fixtures shall be set level and in proper alignment with reference to adjacent walls. No water closet or bidet shall be set closer than 15 inches (381 mm) from its center to a side wall or obstruction or closer than 30 inches (762 mm) center to center to a similar fixture. The clear space in front of a water closet, lavatory, or bidet shall be not less than 24 inches (610 mm). No urinal shall be set closer than 12 inches (305 mm) from its center to a side wall or partition or closer than 24 inches (610 mm) center to center.										
	Exceptions: The installa	ation of paper dis	pensers or access	sibility grab bars shall not be considered							
	Application	405.4	405.4	Existing prior 2003	Keep existing amendment						
	purposes of use in the s	tate of Washingto	on, distribute, sell,	ion, firm, political subdivision, governm offer for sale, import, install, or approve provided for in this chapter.	ent agency, or other lega e for installation any plum	l entity, may, for bing fixtures or					
51-56-0400	Application (Lavatories)	407.1	407.1	Amendment 407.1 was adopted due to the UPC table was not adopted and this brought IBC 2902.1	Keep existing amendment						
	407.1 Application. Lavatories shall comply with ASME A112.19.1/CSA B45.2, ASME A112.19.2/CSA B45.1, ASME A112.19.3/CSA B45.4, ASME A112.19.12, CSA B45.5/IAPMO Z124, CSA B45.8/IAPMO Z403, CSA B45.11/IAPMO Z401 or CSA B45.12/IAPMO Z402. Group wash fixtures shall comply with the requirements of Section 401.2. Every 20 inches (508 mm) of rim space of a group wash fixture shall be considered as one lavatory for determining the number of lavatories required in accordance with the International Building Code Table 2902.1. Lavatory assemblies with automatic soap dispensers, faucets, or hand dryers shall comply with IAPMO IGC 127.										
	Water consumption (Lavatories)	407.2	407.2	In 2020 there was a Legislative rule WSR 21-01-125	Keep existing amendment						
	407.2 Water Consumpt	tion. The maximu	ım water flow rate	of faucets shall comply with Section 40	7.2.1 through Section 40	7.2.2.					
	Maximum flow rate (Lavatories)	407.2.1	407.2.1	In 2020 there was a Legislative rule WSR 21-01-125	Keep existing amendment						
	407.2.1 Maximum Flow	Rate. The maxir	num flow rate for p	oublic lavatory faucets shall not exceed	0.5 gpm at 60 psi (1.9 L	/m at 414 kPa).					
	Residential lavatory faucets	407.2.1.1	407.2.1.1	In 2020 there was a Legislative rule WSR 21-01-125	Keep existing amendment						
				ow rate of residential lavatory faucets s ory faucets shall not be less than 0.8 g							

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments		
	Lavatory faucets in common and public use areas	407.2.1.2							
				Areas. The maximum flow rate of lavar tial buildings, shall not exceed 0.5 gallo					
	Metering faucets	407.2.2	407.2.2	In 2020 there was a Legislative rule WSR 21-01-125	Keep existing amendment				
	407.2.2 Metering Fauce B125.1.	ets. Metered fauc	ets shall deliver a	maximum of 0.25 gallons (0.95 L) per r	metering cycle in accorda	ance with ASME A11	2.18.1/CSA		
	Metering valves	407.4	407.4	In 2020 there was a Legislative Added exception rule WSR 21- 01-125	Keep existing amendment				
	designed to close by spi Exceptions: 1. Where designated	ing or water pres	sure when left una	,	olic shall be equipped wit	h a metering valve			
	Water consumption (Showers)	408.2	408.3	In 2020 there was a Legislative rule WSR 21-01-125	Keep existing amendment		See significan		
	408.3 Water Consumption. Showerheads shall have a maximum flow rate of not more than 1.8 gpm at 80 psi (6.8 L/m at 552 kPa). Showerheads shall be certified to the performance criteria of the U.S. EPA WaterSense Specifications for Showerheads. Exception: Emergency use showers shall be exempt from the maximum water usage rates								

Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments
Multiple showerheads serving one shower	408.2.1	408.2.1	Brings water standards and adds in specifications that follow model code WSR 20-17-049	Keep existing amendment		
408.2.1 Multiple Showerheads Serving One Shower. When a shower is served by more than one shower showerheads, the combined flow rate of all showerheads and/or other shower outlets controlled by a single (6.81 L) per minute at 80 psi, or the shower shall be designed to allow only one shower outlet to be in operation.						
Waste outlet	408.4	408.5	Existing Prior 2003	Keep existing amendment		See significant changes
shall be constructed from at least equivalent to the		iece comply with A	SME A112.18.2/CSA B125.2.			
		iooo oomply with A	CME A112 10 2/CCA D125 2			
at least equivalent to the Exception: In a resident outlet fixture tailpiece, tra	tial dwelling unit varea of the tailpi	where a 2-inch wa nay be 1-1/2 inch	sME A112.18.2/CSA B125.2. ste is not readily available and approva when an existing tub is being replaced verhead rated at 1.8 gpm is installed.			
at least equivalent to the Exception: In a resident outlet fixture tailpiece, tra	tial dwelling unit varea of the tailpi	where a 2-inch wa nay be 1-1/2 inch	ste is not readily available and approva when an existing tub is being replaced			See significant changes
at least equivalent to the Exception: In a residen outlet fixture tailpiece, tra Section 408.2. This exce	tale dwelling unit vap and trap arm reption only applie	where a 2-inch wa may be 1-1/2 inch s where one show 408.7	ste is not readily available and approva when an existing tub is being replaced erhead rated at 1.8 gpm is installed.	by a shower sized in acc Keep existing amendment		J
at least equivalent to the Exception: In a resident outlet fixture tailpiece, transcription 408.2. This excellent at the Section 408.2. This excellent at the S	tial dwelling unit vap and trap arm reption only applie 408.6 tments. Shower of the duare inches (0.5) and inches (0.5) and a point tanks the shower drains the shower drains and the shower drains are the shower drains and the shower drains and the shower drains are the shower drains and the shower drains and the shower drains are the shower drains and the shower drains are the shower drains	where a 2-inch wa may be 1-1/2 inch s where one show 408.7 compartments sha 8 m2). h (762 mm) circle. gent to its centerli n outlet with no pri	ste is not readily available and approva when an existing tub is being replaced erhead rated at 1.8 gpm is installed. Existing Prior 2003	Keep existing amendment with the following: ensions shall be measured maintained to a point of revolves, showerheads, so	d at a height equal of less than 70 pap dishes,	J
at least equivalent to the Exception: In a resident outlet fixture tailpiece, treatment of Section 408.2. This excellant Shower compartments 408.7 Shower Compart (1) Not less than 900 sq (2) Be capable of encompart to the top of the threshol inches (1778 mm) above	tial dwelling unit vap and trap arm reption only applie 408.6 tments. Shower of the duare inches (0.5) and inches (0.5) and a point tanks the shower drains the shower drains and the shower drains are the shower drains and the shower drains and the shower drains are the shower drains and the shower drains and the shower drains are the shower drains and the shower drains are the shower drains	where a 2-inch wa may be 1-1/2 inch s where one show 408.7 compartments sha 8 m2). h (762 mm) circle. gent to its centerli n outlet with no pri	ste is not readily available and approva when an existing tub is being replaced erhead rated at 1.8 gpm is installed. Existing Prior 2003 If have a finished interior in accordance the minimum required area and dimensions shall be retrusions other than the fixture valve or	Keep existing amendment with the following: ensions shall be measured maintained to a point of revolves, showerheads, so	d at a height equal of less than 70 pap dishes,	J
at least equivalent to the Exception: In a resident outlet fixture tailpiece, transcription of the tailpiece, and safety grabiciticle. Exceptions: (1) Showers that are designed and the tailpiece, the tailpiece of the tailpiece, transcription of the tailpiece of	transport of the tailpittal dwelling unit vap and trap arm reption only applied 408.6 transport of the tailpittal and trap arm reption only applied 408.6 transport of the tailpittal and the shower drait of the shower drait of bars, or rails. For signed to be in acceptance of the tailpittal and the shower drait of the shower drait of the shower draits of the shower draits of the tailpittal and the shower draits of the signed to be in acceptance.	where a 2-inch wa may be 1-1/2 inch s where one show 408.7 compartments sha 8 m2). h (762 mm) circle. gent to its centerli n outlet with no prodd-down seats in a	ste is not readily available and approva when an existing tub is being replaced erhead rated at 1.8 gpm is installed. Existing Prior 2003 Il have a finished interior in accordance. The minimum required area and dimensions shall be rotrusions other than the fixture valve or accessible shower stalls shall be permit	Keep existing amendment with the following: e with the following: ensions shall be measured maintained to a point of revalves, showerheads, so ted to protrude into the 3	d at a height equal of less than 70 pap dishes, 0 inch (762 mm)	J

С	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments
	Water consumption (Water closets)	411.2	411.2	Was added to create standard for water closet usage WSR 20-17-049	Keep existing amendment		
Ī	411.2 Water Consumpt accordance with ASME Exceptions:			all water closets shall not exceed 1.28 ç	gallons (4.8 L) per flush v	when tested in	
	•	ated in day care	centers, intended	for use by young children may have a r	maximum water use of 3.	.5 gallons (13.25 L)	
	2. Water closets with	h bed pan washe	rs may have a ma	ximum water use of 3.5 gallons (13.25	L) per flush.		
_	Blow out bowls, a flush.	as defined in ANS	SI/ASME A112.19	.2M, Section 5.1.2.3 may have a maxin	mum water use of 3.5 ga	allons (13.25 L) per	
	Performance	411.2.2	411.2.2	In 2020 there was a legislative rule which led to this standard WSR 20-17-049	Keep existing amendment		
				exceed the minimum performance crit I by the U.S. Environmental Protection		cation of high-	
	Flushometer valve activated water closets	411.2.3	411.2.3	In 2020 there was a Legislative rule which led to this standard WSR 20-17-049	Keep existing amendment		
Ī				ishometer valve activated water closets SME A112.19.2/CSA B45.1.	shall have a maximum f	lush volume of	
	Application (Urinals)	412.1	412.1	In 2020 there was a Legislative rule which led to this standard WSR 20-17-049	Keep existing amendment		
		erage water cons	umption not to exc	19.2/CSA B45.1, ASME A112.19.19, or seed 0.125 gallons (0.47 L) per flush. Or r flush.			
	Drainage connection (Dishwashers)	414.3	414.3	Modification to align with state requirements WSR 13-04-054	Keep existing amendment		
-	(Dishwashers) 414.3 Drainage Connec	ction. Domestic of	dishwashing mach		amendment an air gap fitting in accord		

	Title or Subject	ubject 2021 UPC # 2024 UPC #		Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments
	Drinking fountain alternatives	415.3	415.2	The reason being that the Building Code takes precedence WSR 16-02-044	Repeal existing state amendments:		
	415.2 Drinking Fountain Alternatives. This section is not adopted. See Building Code Chapter 29.						
	Location of floor drains	418.3	418.3	Sanitation, safety, and compliance with national plumbing and building standards. WSR 13-04-054	Keep existing amendment		
	(1) Toilet rooms containi the floor drains.	ng two or more v	vater closets or a d	alled in the following areas: combination of one water closet and or undry facilities in multi-family dwelling lines with the content of the	•	lling unit. The floor sh	all slope toward
	(Sinks)	420.2	420.2	2018 WSR 20-02-072	amendment		
	420.2 Water Consumpt accordance with ASME. Exceptions: (1) Clinical sinks (2) Laundry sinks (3) Service sinks			imum flow rate of not more than 2.2 gp	m at 60 psi (8.3 L/m at 4	14 kPa) in	
				Now Chanderd added to LIDC	Kaan aviating		
ı	Kitchen faucets	(N/A)	420.2.1	New Standard added to UPC 2018 WSR 20-02-072	Keep existing amendment		

AC.	Title or Subject	2021 UPC #	2024 UPC #	Rat	ionale	2024 Staff Recommenda		2024 TAG Member Recommendatio n	Other Comments
	Pre-rinse spray valve	420.3	420.3	(2018) 2012 Action Pre-Rinse S 403.5 water co reason. WSR 2	nservation wa	Keep existir amendmer	-		New Fed maximum rates
	420.3 Pre-Rinse Spray	Valve. Commerc	cial food service p	re-rinse spray valve	es shall have a maxii	num flow rate of 1 .3 and ASME A11	1.6 gallo 12.18.1/	ns per minute CSA B125.1 and	
	shall be equipped with a	· ·		TABLE 420.3	E MAXIMUM FLOW RA	<u>ATE</u>			
		PRODUCT CI	LASS BY SPRAY F	ORCE	MAXIMUM FLOW R	ATE, GPM			
		Product Class	ss 1 (≤ 5.0 ounces	-force)	1.00				
		Product Clas	ss 2 (> 5.0 ounces 1	s-force and ≤ 8.0	1.20				
		Product Clas	ss 3 (> 8.0 ounces	s-force)	<u>1.28</u>				
	<u>For</u>	r SI units: 1 gallor	per minute = 3.7	85 L/min, 1 ounce-	force = 0.278 N				
	Minimum number of required fixtures	422	422	Existing Prior 2	2003	Keep existir amendmer	_		
	422.0 Minimum Number Table 2902.1. Sections 422.1 through	·			mbing fixtures require	ed, see Building C	Code Ch	apter 29 and	
	Spray sprinkler body	423	423	conserve water waste in landso WSR 20-17-04	cape irrigation	Keep existir amendmer	_		
	423.0 Landscape Irriga 423.1 Spray Sprinkler I performance criteria and sprinkler bodies. Exception: Spray sprinkler specification for spray sp	Body. Spray sprid other requirements when specifically	nts of environmer	tal protection ager	ncy water sense prog	ram product speci	ification	for spray	

WAC	Title or Subject	202	1 UPC	# :	2024 UP	C#		Rat	ionale		R		Staff endation	2024 TAG Member Recommendatio	Other Comments
						Cha	anter 5	Water	Heaters					n	
	Chapter 5 – Water Hea	iters				0.1.0	лрто. О	···uioi							
	Applicability		501.1		501.1	I	Existing	Prior 2	2003				existing dment		
51-56-0500	<u>* Du</u>	otable he Me does. It has been does. It has been does. It has been does does does does does does does does	water,chanicanot con ining juris in accord 3.2. ed in accord	The mil Code nply wild diction. I cordance vectorage as-Fire torage lectric, olid Fullectric olid Fullectric olid Fullectric of British ater he	inimum of for combound the second combours of the second combours of the second combours of the second combound combours of the second combours of the second combours of the second combound combours of the second combo	apacity pustion a control of the manufacture manufactu	for stora air and in rer's inst dd water urer's in: facturer's TABLE VATER I BUB BUB BUB BUB BUB BUB BUB B	ge wate stallation allation heater a stallation s installation beater a stallation beater a stallation s installation beater a stallation s installation s i	r heaters n of all viinstructic appliance n instruct ation instruct. Str. 174 732 A/ANSI 2 A/ANSI 2 4499 EW	s shall be ents and one and to standard to	e in accc their cc he type dds is ref llisted w The fin	ordance onnector and mo ferenced rater hea	with the first s. No water del of each s I in Table 50 ters shall be	-hour rating listed heater shall be size thereof 1.1.(1). Listed a permitted in	
	and	tile ii	lariulaci	ulei 3 i	ristaliatio										
			44.4	_	I		ABLE 50)1.1(2) ¹	, ა		• • •		1		
	Number of Bathrooms		1 to 1.	5		2 to	2.5			3 to	3.5				
	Number of Bedrooms	1	2	3	2	3	4	5	3	4	5	6			
	First Hour Rating ² , Gallons	38	49	49	49	62	62	74	62	74	74	74			
	Notes: ¹ The first ho	ur rati	ng is fo	und on	the "Ene	rgy Guid	de" label								
	Notes: 1 The first hour rating is found on the "Energy Guide" label. 2 Nonstorage and solar water heaters shall be sized to meet the appropriate first hour rating as shown in the table, and shall be capable of delivering hot water at the maximum system demand flow, as calculated in Section 610.0 or Appendix A, as applicable. 3 For replacement water heaters, see Section 102.4.											·			

WAC	Title or Subject	2021 UPC#	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments				
	Demand Response 501.1.2		501.1.2	In 2020 there was a Legislative rule which led to this standard WSR 21-01-125	Keep existing amendment						
	501.1.2 Consumer Electric Storage Water Heater Requirements. Consumer electric storage water heaters must have a modular demand response communications port compliant with the March 2018 version of the ANSI/CTA–2045-A communication interface standard, or equivalent and the March 2018 version of the ANSI/CTA-2045-A application layer requirements. The interface standard and application layer requirements required in this subsection are the versions established on March 16, 2018. Exceptions:										
	· ·	manufactured prid	or to January 1, 20	21							
		•	• •	np type water heaters manufactured pri	or to January 1, 2022.						
	Mini-tank WH	501.1.3	501.1.3	In 2020 there was a legislative rule which led to this standard WSR 21-01-125	Keep existing amendment						
	manufactured on or after	⁻ January 1, 2010	, shall be not grea	ergy consumption of hot water dispens ter than 35 watts. Mini-tank electric wa lations, Title 20, section 1604 in effect a	ter heaters shall be teste						
	Location	504.1	504.1	Existing Prior 2003	Keep existing amendment						
	Water heater shall be Fuel-burning water he gasketed door assemb The door assembly sh	of the direct-vent atersmay be insta bly and a listed se all be installed wi h installations sha	type. alled in a closet loo elf-closing device. th a threshold and all be obtained from	bathrooms shall comply with one of the cated in the bedroom or bathroom providing the self-closing door assembly shall motorm door seal and shall meet the remain the outdoors in accordance with thether	ided the closet is equippe eet the requirements of Sequirements of Section 5	Section 504.1.1. 04.1.2. All					
	Safety Devices	505.2	505.2	Removes the reference to boilers as L&I regulates boilers (pre-2000)	Keep existing amendment						
	505.2 Safety Devices. All storage-type water heaters deriving heat from fuels or types of energy other than gas, shall be provided with, in addition to the primary temperature controls, an over-temperature safety protection device that complies with and is installed in accordance with nationally recognized applicable standards for such devices and a combination temperature and pressure-relief valve.										

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments	
	Combustion air	stion air 506 The RCW cites the mechanical code as the governing code over combustion air and venting (pre-2000) Keep existing amendment						
	506.0 Air for Combusti	on and Ventilati	on. For issues rela	ating to combustion air, see the Mecha	nical Code.			
	Sections 506.1 through	506.9 are not add	opted. Sections 50	7.6 through 507.9 are not adopted.				
	Seismic strapping	507.2	507.2	Original amendment deleted the reference to seismic zones since the cited zones covered all of Washington. The model code removed zone-specific requirements in the 2021 edition. Now it just correct grammar. WSR 15-16-099	Keep existing amendment			
		ints within the up	per one-third and	Original amendment inserted				
	WH in Garages	507.13	507.13	"ignition sources" to require elevation for all types of WH in garages (2009) The 2018 model code added "residential" to differentiate from the later requirements for "Commercial Garages." The TAG in 2018 recommended the "Residential" be struck and have the elevation requirement for all garages. (2018) "and ignition sources" no longer needed with the addition of the new language WSR 11-05-037	Keep existing amendment			
	507.13 Installation in Garages. Appliances in garages and in adjacent spaces that open to the garage and are not part of the living space of a dwelling unit shall be installed so that all heating elements, switches, burners, burner-ignition devices and ignition sources are located not less than 18 inches (457 mm) above the floor. unless-listed							
	Exception: as Listed f	lammable vapor	ignition resistant.					

WAC	Title or Subject	2021 UPC#	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments	
	Venting	507.16	507.16	The RCW cites the mechanical code as the governing code over combustion air and venting (pre-2000)	Keep existing amendment		507.21	
	507.16 Venting of Flue	Gases. This sect	on is not adopted					
	Gas Piping	507.18 – 507.21	507.18 – 507.21	The RCW cites the mechanical code as the governing code over gas piping (pre-2000)	Modify amendment to correspond with removal of model code section			
	Sections 507.18 throu	ıgh 507.22-507.	21 are not adopt	ted.				
	507.18 Addition to existing system 507.19 Avoiding Strain on Gas Piping 507.20 Gas Appliance Pressure Regulators 507.21 Venting of Gas Appliance Pressure Regulators 507.2221 Bleed Lines for Diaphragm-Type Valves							
	Vent sizing	510	510	The RCW cites the mechanical code as the governing code over combustion air and venting (pre-2000)	Keep existing amendment			
	510.0 Sizing of Category	I Venting Syster	ns. This section is	not adopted.				
			Chapter 6	Water Supply and Distribution				
51-56-0600	Chapter 6 - Water Sup	ply and Distrik	oution		T			
	Applicability	601.1	601.1	References were added to clarify the chapter also governs backflow devices and assemblies (2015) WSR 10-03-101	Keep existing amendment			
	601.1 Applicability. This chapter shall govern the materials, design, and installation of water supply systems, including backflow prevention devices, assemblies and methods used for backflow prevention.							
	General Cross Connection	603.1	603.1	The RCW cites the DOH as the governing code over backflow devices and venting (pre-2000)	Keep existing amendment			
				in accordance with the provisions of the provisi				

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments	
	jurisdiction shall coordin property lines of the pre		water purveyor wh	nere applicable in all matters concernin	g cross-connection contr	ol within the		
	equipment, mechanism,	chemical, or sub	stance may cause	mechanism, or use a water-treating ch pollution or contamination of the dome approved backflow prevention device of	estic water supply. Such			
	Approval of backflow devices	603.2	603.2	The RCW cites the DOH as the governing code over backflow devices and venting (pre-2000)	Keep existing amendment		See The Significant change	
	approved by the Authori standards acceptable to	ty Having Jurisdio the Authority Ha	ction. Devices or a ving Jurisdiction. E	ce or an assembly is installed for the prosemblies shall be tested for conformit backflow prevention devices and assem 603.5.1 through Section 603.5.21 603.	y with recognized standa ablies shall comply with T	rds or other		
	All devices or assemblies installed in a potable water supply system for protection against backflow shall be maintained in good working condition by the person or persons having control of such devices or assemblies. Such devices or assemblies shall be tested in accordance with Section 603.4.2 and WAC 246-290-490. If found to be defective or inoperative, the device or assembly shall be replaced or repaired. No device or assembly shall be removed from use or relocated or other device or assembly substituted, without the approval of the Authority Having Jurisdiction.							
	Testing shall be perfo	rmed by a Wash	ington State Depa	rtment of Health certified backflow asse	embly tester.	.		
	Backflow Devices	Table 603.2	Table 603.2	It was felt that internal backflow protection was not adequate for beverage dispensers and independent backflow protection was needed.	Keep existing amendment		See The Significant change	
				WSR 10-03-101				
	Remove "Backflow prev	enter for carbona	ted beverage disp	ensers (two independent check valves	with a vent to the atmosp	ohere)" from the		
	Backflow Testing	603.4.2	603.4.2	The RCW cites the DOH as the governing code over backflow devices and venting (pre-2000)	Keep existing amendment		See The Significant change	
	local water purveyor for	the protection of	public water syste	ose regulated by the Washington Depa ms, the authority having jurisdiction sha embly tested by a Washington State De	all ensure that the premis	se owner or		
	(1) At the time of installa	ition, repair, or re	ocation; and					
	(2) At least on an annua	I schedule therea	fter, unless more	frequent testing is required by the Auth	ority Having Jurisdiction.			

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments
	Irrigation Backflow	603.5.6	603.5.6	The RCW cites the DOH as the governing code over backflow devices and venting (pre-2000)	Keep existing amendment		See The Significant change
	603.5.6 Protection from Lawn Sprinklers and Irrigation Systems. Potable water supplies to systems having no pumps or connections for pumping equipment, and no chemical injection or provisions for chemical injection, shall be protected from backflow by one of the following:						
	. ,	eric vacuum break	, ,				
				n assembly (PVB).			
	` ′ ′ •	•	uum breaker (SVE	•			
	. ,		•	ion assembly (RP).			
	` '	omplying with IAP		assembly (DC) may be allowed when	approved by the water	ourseyer and the	
	(6) A double authority having jurisdict		know prevention a	assembly (DC) may be allowed when	approved by the water	ourveyor and the	
	Boiler Backflow	603.5.10	603.5.10	New standards for health and safety, by using RP and airgaps as backflow devices WSR 13- 04-054	Keep existing amendment		See The Significant change
	603.5.10 Steam or Hot reduced pressure princip	Water Boilers. Pole backflow preven	otable water conn enter.	ections to steam or hot water boilers sh	nall be protected by an ai	r gap or	
	Beverage Dispensers	603.5.12	603.5.12	It was felt that internal backflow protection was not adequate for beverage dispensers and independent backflow protection was needed. (pre- 2000)	Keep amendment existing		See The Significant change
	principle backflow preve Section 603.4.3. The pip	enter as approved bing downstream n-carbonated bev	by the authority hof the backflow prerage dispensers,	arbonators, or coffee machines shall be aving jurisdiction for the specific use. The eventer shall not be copper, copper allow such as ice makers and coffee machines in the same statement of the same shall be such as ice makers and coffee machines.	The backflow preventer stoy, or other material that	nall comply with is affected by	
	Plastic Pipe Termination	604.14	604.14	Existing Prior 2003	Keep existing amendment		
		n system shall be	e made as near as	ter service piping may terminate within is practical to the point of entry and sh building.			

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments			
	Discharge Piping	608.5	608.5	Reformatting and rewording from model code lost in transition WSR 17-04-089	Keep existing amendment					
	608.5 Discharge Piping valves, obstructions, or i			emperature relief valve, pressure relief with the following:	valve, or combination of l	ooth shall have no				
	(1) Not less than the down.	(1) Not less than the size of the valve outlet and shall discharge full size to the flood level of the area receiving the discharge and pointing								
	(2) Materials shall be A112.4.1.	rated at not less	than the operating	g temperature of the system and appro-	ved for such use or shall	comply with ASME				
				vity through an air gap into the drainag ot less than 6 inches (152 mm) above to						
	(4) Discharge in such	a manner that d	loes not cause per	sonal injury or structural damage.						
	(5) No part of such d	ischarge pipe sha	all be trapped or su	ubject to freezing.						
	(6) The terminal end									
	` '		•	shall be prohibited.						
	(8) The discharge ter	•	•	ervable. water heating equipment shall only be						
	downward from the relief need be provided.	valve to extend l	between two (2) fe	et (610 mm) and six (6) inches (152 mr	m) from the floor. No add	itional floor drain				
	Pipe Insulation	609.12	609.12	Was changed from 613, new code not adopted, instead language changed to align with WSEC WSR 15-16-099	Keep existing amendment					
	609.12 Pipe Insulation. Washington State Energ			mercial buildings shall be insulated in a	ccordance with Section (C404.6 of the				
	System Sizing	610.4	610.4	Existing Prior 2003 originally filled 12/18/2001	Keep existing amendment					
	610.4 Sizing Water Sup method in accordance w			ystems within the range of Table 610.4	may be sized from that t	able or by the				
	Listed parallel water distribution systems shall be installed in accordance with their listing,.									
	Drinking Water Treatment Units— Application	611.1	611.1	Existing Prior 2003 originally filled 12/18/2001	Keep existing amendment					
	611.1 Application. Drin	ent systems shall	comply with NSF	phy with NSF 42 or NSF 53. Water sof 55. Reverse osmosis drinking water tre F 62.						

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments				
	The owner of a building that serves potable water to twenty-five or more people at least sixty or more days per year and that installs drinking water treatment units including, but not limited to, the treatment units in Section 611.1, may be regulated (as a Group A public water system) by the Washington State Department of Health under chapter 246-290 WAC. See Washington State Department of Health Publication 331-488 for guidance.										
	Fire Sprinklers	612.1	612.1	Clarifying that domestic water piping is required to meet the insulation requirements in the energy code WSR 12-16-082	Keep existing amendment		See The Significant change				
	612.0 Residential Fire	Sprinkler Syster	ns.								
	612.1 General. Where residential sprinkler systems are installed, they shall be installed in accordance with the International Building Code or International Residential Code.										
	Sections 612.2 through	n 612.7.2 are not	adopted.								
			Cha	apter 7 Sanitary Drainage							
	Chapter 7 — Sanitary	Drainage									
	Drainage Piping	701.2	701.2	Existing Prior 2003 originally filled 12/18/2001	Keep existing amendment		Typo in OTS copy in Item 2; references Table 1701.1				
	701.2 Drainage Piping. Materials for drainage piping shall be in accordance with one of the referenced standards in Table 701.2 except that:										
	(1) No galvanized wrought-iron or galvanized steel pipe shall be used underground and shall be kept not less than 6 inches (152 mm) aboveground.										
	(2) ABS and PVC DWV piping installations shall be installed in accordance with applicable standards referenced in Table 701.2 Except for individual single-family dwelling units, materials exposed within ducts or plenums shall have a flame-spread index of not more than 25 and a smoke-developed index of not more than 50, where tested in accordance with ASTM E84 or UL 723.										
51-56-0700	(3) No vitrified clay p 12 inches (305 m			round or where pressurized by a pump	or ejector. They shall be	kept not less than					
	(4) Copper or copper tube type DWV.	alloy tube for dra	ainage and vent pi	ping shall have a weight of not less tha	n that of copper or coppe	er alloy drainage					
	aboveground.			alled underground and shall be kept not	•	•					
	(6) Cast-iron soil pipe and fittings and the stainless steel couplings used to join these products shall be listed and tested in accordance with standards referenced in Table 701.2. Such pipe and fittings shall be marked with the country of origin, manufacturer's name or registered trademark as defined in the product standards, the third party certifier's mark, and the class of the pipe or fitting.										
	Commercial Sinks	704.3	704.3	Adopted to meet with Health Code requirements WSR 07- 15-080	Keep existing amendment						

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments			
	704.3 Commercial Sinks. Except where specifically required to be connected indirectly to the drainage system, or when first approved by the authority having jurisdiction, all plumbing fixtures, drains, appurtenances, and appliances shall be directly connected to the drainage system of the building or premises.									
	Location	707.4	707.4	Providing clearance for mainence. WSR 15-16-099	Keep existing amendment					
	707.4 Location. Each horizontal drainage pipe shall be provided with a cleanout at its upper terminal, and each run of piping, that is more than 100 feet (30 480 mm) in total developed length, shall be provided with a cleanout for each 100 feet (30 480 mm), or fraction thereof, in length of such piping. An additional cleanout shall be provided in a drainage line for each aggregate horizontal change in direction exceeding 135 degrees (2.36 rad).									
	 Exceptions: (1) Cleanouts shall be permitted to be omitted on a horizontal drain line less than 5 feet (1524 mm) in length unless such line is serving sinks or urinals. (2) Cleanouts shall be permitted to be omitted on a horizontal drainage pipe installed on a slope of 72 degrees (1.26 rad) or less from the vertical angle (one-fifth bend). (3) Excepting the building drain, its horizontal branches, kitchen sinks, and urinals, a cleanout shall not be required on a pipe or piping that is above the floor level of the lowest floor of the building. (4) An approved type of two-way cleanout fitting, installed inside the building wall near the connection between the building drain and the building sewer or installed outside of a building at the lower end of a building drain and extended to grade, shall be permitted to be substituted for an upper terminal cleanout. 									
	Clearance	707.9	707.3	health, safety, and maintenance considerations as the justification. WSR 15-16-099	Keep existing amendment		The metric conversions are all off in the OTS copy			
	inches (305 mm) in front (457 mm) in front of the the building where there	t of the cleanout. cleanout. Cleano is less than 18 ir zontal clearance	Cleanouts in pipin uts in under-floor piches (457 mm) ve from the means of)) or less in size shall be so installed that g exceeding 2 inches (50 mm) shall happing shall be extended to or above the critical overall, allowing for obstructions access to such cleanout. No under-flowle.	ve a clearance of not les e finished floor or shall be such as ducts, beams, a	s than 18 inches e extended outside nd piping, and 30				
	Building Sewers	Part II	Part II	Existing Prior 2003 originally filled 12/18/2001 Existing Prior 2003 originally filled 12/18/2001	Keep existing amendment		Need to update table to new table number 718.1			
	Delete all of Part II (Sect	tions 713 through	723, and Tables	⊺ 717.1 and 721.1).						

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments					
			<u> </u>	Chapter 9 Vents								
	Chapter 9—Vents											
	Circuit Vent Permitted	911.1	911.1	efficiency in plumbing design, cost savings, code modernization, and health and safety considerations. WSR 19- 16-154	Keep existing amendment							
51-56-0900	fixture drain shall conne the most downstream fix producing potential, res to the horizontal branch	911.1 Circuit Vent Permitted. A maximum of eight fixtures connected to a horizontal branch shall be permitted to be circuit vented. Each fixture drain shall connect horizontally to the horizontal branch being circuit vented. The horizontal branch shall be classified as a vent from the most downstream fixture drain connection to the most upstream fixture drain connection to the horizontal branch. Given its grease-producing potential, restaurant kitchen equipment shall not be connected to a circuit vented system. Each trap arm shall connect horizontally to the horizontal branch being circuit vented in accordance with Table 1002.2.										
			et and wall-hung w	e permitted to be circuit vented provide ater closets shall connect horizontally t								
	Chantar 11 Storm Dr	oineae	Cn	apter 11 Storm Drainage								
51-56-1100	Chapter 11—Storm Dr Material Uses	1101.4	1101.4	Original amendment removed the reference to the Firestop provisions chapter, which is not adopted since precedence goes to the building code. (pre-2000) The amendment was retained even though the installation standards were removed in 2015 and the base language was amended in 2018. WSR 16-02-044	IS 5 and IS 9 have not been in the code since the 2012 edition. Recommend going with the original intent and only removing the reference to Chapter 14.							
	to the satisfaction of the copper, copper alloy, lead shall not be installed un changes in direction shall in accordance with IS 5	Authority Having ad, Schedule 40 A derground and sh all be in accordan and IS 9. Except	Jurisdiction. Cond ABS DWV, Schedunall be kept not lesce with the require for individual singles.	ninwater shall be of such materials and ductors within a vent or shaft shall be oule 40 PVC DWV, stainless steel 304 os than 6 inches (152 mm) abovegroung ments of Section 706.0. ABS and PVC le-family dwelling units, materials expositoped index of not more than 50, where	f cast-iron, galvanized sto r 316L [stainless steel 30 d], or other approved mat DWV piping installations sed within ducts or plenu	eel, wrought iron, 4 pipe and fittings erials, and s shall be installed ms shall have a						
	Secondary Drainage	1101.12.2	1101.12.2	There is no amended language in this section	Delete from WAC							

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments			
	1101.12.2 Secondary Drainage. Secondary (emergency) roof drainage shall be provided by one of the methods specified in Section 1101.12.2.1 or Section 1101.12.2.2.									
	Roof Scuppers or Open Side	1101.12.2.1	1101.12.2.1	to prevent roof ponding and structural instability by requiring robust overflow drainage	Keep existing amendment					
	1101.12.2.1 Roof Scuppers or Open Side. Secondary roof drainage shall be provided by an open-sided roof or scuppers where the roof perimeter construction extends above the roof in such a manner that water will be entrapped. An open-sided roof or scuppers shall be sized to prevent the depth of ponding water from exceeding that for which the roof was designed as determined by Section 1101.12.1. Scupper openings shall be not less than 4 inches (102 mm) high and have a width equal to the circumference of the roof drain required for the area served, sized in accordance with Table 1103.1, based on double the rainfall rate for the local area. Exception: Scupper openings shall be permitted to be sized for the normal rainfall rate where the structural design of the roof includes a ponding instability analysis in accordance with ASCE 7 for the additional ponding load resulting from twice the normal rainfall rate or a 15-minute duration/100-year return period storm. The analysis shall assume the primary drain system is blocked.									
	Secondary Roof Drain	1101.12.2.2	1101.12.2.2	There is no amended language in this section	Delete from WAC					
	(51 mm) above the roof	surface. The max was designed as	imum height of the determined by S	shall be provided. The secondary roof eroof drains shall be a height to prevenection 1101.12.1. The secondary roof 2.2.2.	t the depth of ponding wa	ater from exceeding				
	Separate Piping System	1101.12.2.2.1	1101.12.2.2.1	to prevent roof ponding and structural instability by requiring robust overflow drainage	Keep existing amendment					
	primary roof drainage sy	stem. The discha	irge shall be abov	of drainage system shall be a separate e grade, in a location observable by the accordance with Section 1101.12.1 bas	building occupants or m	naintenance				
	Combined System	1101.12.2.2.2	1101.12.2.2.2	There is no amended language in this section WSR 22-17-153	Delete from WAC					
	downstream of the last h	norizontal offset le erground public s	ocated below the storm sewer. The	rains shall connect to the vertical pipir roof. The primary storm drainage syste combined secondary and primary roof blocal area	em shall connect to the b	uilding storm water				
	Cleanouts	1101.13	1101.13	This proposal aligns the UPC with	Keep existing amendment					
	1101.13 Cleanouts. Cle	anouts for buildir	ng storm drains sh	all comply with the requirements of this	section.	1				

С	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments
	Locations	1101.13.1	1101.13.1	formally integrated the storm drainage chapter into its plumbing code with the adoption of the 2003 UPC WSR 13-04-054	Keep existing amendment		
	outside leader or outside	e conductor befor	e it connects to the	cted to a building storm sewer shall have horizontal drain. Cleanouts shall be per rer or installed outside the building at th	laced inside the building	near the	
	Cleaning	1101.13.2	1101.13.2	Existing Prior 2003	Keep existing amendment		
				at it opens to allow cleaning in the directed of the cleanouts, shall be installed			
	Access	1101.13.3	1101.13.3	Existing Prior 2003			
	1101.13.3 Access. Cle paving with approved m Manholes			asphalt paving shall be made access d. Existing Prior 2003	Keep existing amendment	xtending flush with	
	maximum distance bet	ween manholes nnections shall b	shall not exceed e made by the use	in lieu of cleanouts when first approved three hundred (300) feet (91.4 m). e of a flexible compression joint no close. No flexible compression joints shall be System could be undersized WSR 22-17-153	er than twelve (12) inche	s (305 mm) to, and	
	1103.1. Vertical conduction Exception: Vertical conduction the structural design of	tors and leaders to ductors and leade the roof includes	or secondary roof ers for secondary of a ponding instabili	ctors and leaders shall be sized by the drains shall be sized based on double drainage systems shall be permitted to ty analysis in accordance with ASCE 7 00-year return period storm. The analy	the rainfall rate for the lo- be sized for the normal ra- for the additional pondin	cal area. ainfall rate where g load resulting	

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments			
	Size of Horizontal Storm Drains and Sewers	1103.2	1103.2	System could be undersized WSR 22-17-153	Keep existing amendment					
	1103.2 Size of Horizontal Storm Drains and Sewers. The size of building storm drains, or building storm sewers or their horizontal branches shall be based on the maximum projected roof or paved area to be handled and Table 1103.2. Building storm drains, building storm sewers, or their horizontal branches receiving drainage from secondary roof drain systems shall be sized based on double the rainfall rate for the local area.									
	Exception: Building storm drains, building storm swearers, or their horizontal branches receiving drainage from secondary drainage systems shall be permitted to be sized for the normal rainfall rate where the structural design of the roof includes a ponding instability analysis in accordance with ASCE 7 for the additional ponding load resulting from twice the normal rainfall rate or a 15-minute duration/100-year return period storm. The analysis shall assume the primary drain system is blocked.									
	Size of Roof Gutters	1103.3	1103.3	There is no amended language in this section WSR 22-17-153	Keep existing amendment					
	1103.3 Size of Roof Gu	tters. The size o	f semi-circular gut	ters shall be based on the maximum pr	ojected roof area and Ta	ble 1103.3.				
	Side Walls Draining onto a Roof	1103.4	1103.4	System could be undersized WSR 22-17-153	Keep existing amendment					
				valls project above a roof to permit storom Table 1103.1 as follows:	m water to drain into the	roof area below,				
	(1) For one wall – ad	•		•						
	,	•		ent of the total wall areas.	- d-l 50 f +b					
	the highest wall.	walls of unequal	neignt – add 35 pe	ercent of the total common height and a	add 50 percent of the rem	naining neight of				
	(4) Two opposite wal	ls of same heigh	t – add no addition	al area.						
	1 ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '	•	•	ent of the wall area above the top of the						
				the inner wall below the top of the lower ace with Section 1103.4(3) and Section		e for the area of				
	* /			low the top of the lowest wall – add for 3), Section 1103.4(5), and Section 1103	•	ne lowest wall in				
	(8) Secondary draina	age systems for th	ne adjacent roof ar	ea shall be sized based on double the	rainfall rate for the local	area.				
	(8) Secondary drainage systems for the adjacent roof area shall be sized based on double the rainfall rate for the local area. Exception: Secondary drainage systems for the adjacent roof area shall be permitted to be sized for the normal rainfall fare where the structural design of the roof includes a ponding instability analysis in accordance with ASCE 7 for the additional load resulting grom twice the normal rainfall rate or a 15-minute duration/100-year return period storm. The analysis shall assume the primary drain system is blocked.									
	Controlled Flow Roof Drainage	1105.0	1105.0	Existing prior 2003	Keep existing amendment					

WAC	Title or Subject	2021 UPC #	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments			
	This section is not adop	ted.	1							
		Chapter 13	Health Care Fa	acilities and Medical Gas and Vac	cuum Systems	<u> </u>				
	Chapter 13—Health Care Facilities and Medical Gas and Vacuum Systems									
	Water supply for hospitals 1303.8 Requirement to align with DOH Existing prior 2003 Requirement to align with DOH amendment									
51-56-1300	1303.8 Water Supply for such a manner as to pre			vided with not less than two approved pee.	potable water mains that	are installed in				
	Med gas outlets and inlets	1305.3	1305.3	Existing prior 2003	Keep existing amendment					
	by Washington state de listed in chapters 246-3.	partment of healtl 20 and 246-330 V	h (DOH) or Washir VAC as required b	ts and inlets for medical gas and vacuungton state department of social and he y the applicable licensing rules as applied provided as listed in Table 1305.3.	alth services (DSHS) sh	all be provided as				
		Chapte	er 15 Alternate \	Nater Sources for Nonpotable Ap	plications	<u> </u>				
	Chapter 15—Alternate	Water Source	s for Nonpotab	le Applications						
51-56-1500	Applicability	1501.1	1501.1	Removed to follow DOH Existing Prior 2023	Keep existing amendment					
	1501.1 Applicability. 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 nonpotable applications.									
		С	hapter 16 Nonp	otable Rainwater Catchment Sys	tems	<u>.</u>				
	Chapter 16—Nonpotal	ble Rainwater (Catchment Syst	ems						
51-56-1600	Applicability	1601.1	1601.1	The 2009 Chapter 16 language is deleted and replaced with the 2012 UPC language for reclaimed water (New Chapter 16) and rainwater (New Chapter 17) systems. A few amendments were retained for consistency with other state agency requirements. WSR 10-03-101	Keep existing amendment					
	1601.1 Applicability. T construction, alteration,			e Washington State Department of Hea catchment systems.	lth shall apply to the inst	allation,				

w	/AC	Title or Subject	2021 UPC#	2024 UPC #	Rationale	2024 Staff Recommendation	2024 TAG Member Recommendatio n	Other Comments					
	Chapter 17 Referenced Standards												
		Referenced standards											
51-52	2-1700	Add											
		WAC 246-290-490 Wash	ington State Dep	artment of Health	Cross-connection Control Requirement	s Backflow Protection							