

### UPC Significant Changes Report

2021 Code Section	2018 Code Section	Title or Subject	Reviewers Comments	Cost (Y/N)	Amend Needed (Y/N)	TAG Comments / Recommendations
<b>Chapter 1—Administration</b>						
TAG Member: Ray Shipman (STAFF)						
			No changes from 2018 to 2021	N	N	No Comments
<b>Chapter 2—Definitions</b>						
TAG Member: Ray Shipman (STAFF)						
206	206	Dead Leg		N	N	
			<b>Deleted.</b> "Critical Care Area" is removed as it is no longer referenced in the UPC or NFPA 99. The sections have been revised to correlate with NFPA 99-2018 (latest version) in accordance with IAPMO's Regulations Governing Committee Projects			
205	205	Critical Care Area		N	N	Definitions Added to report for reference
		Commercial Modular System	<b>Added</b> Part of a code change on drinking water treatment units where the term "Commercial Modular Units" was used.	N	N	Definitions Added to report for reference
209	209	General Anesthesia and Levels of Sedation/Analgesia	Sections have been revised to correlate with NFPA 99-2018	N	N	Definitions Added to report for reference
210	210	Health Care Facility's Governing Body	Added Health Care Facility's			Definitions Added to report for reference
214	214	Low-Pressure Water Dispenser	Added as new definition	N	N	Definitions Added to report for reference
			Added as new definition. Water-conditioning devices and water-treatment devices are not appurtenances, appliances, fixtures or other types of products as in the plumbing code. It is important to define a "water conditioning or treatment" device, "point-of-use" and "point-of-entry" water conditioning or treatment devices when referring to these products. These are general terms consistent with what is used in the industry today and will harmonize with the current terms' referenced standards for water treatment devices.			
218	218	Point-of-Entry, Water Treatment Unit		N	N	Definitions Added to report for reference
		Point-of-Use, Water Treatment Unit	See Above	N	N	Definitions Added to report for reference

<b>Chapter 3—General regulations</b>						
<b>TAG Member: Ray Shipman (STAFF)</b>						
	309.6	309.6	Dead Legs	Dead legs are currently silent in the code and should be addressed to avoid the growth of bacteria in water supply systems.	N	N Dead legs are currently silent in the code and should be addressed to avoid the growth of bacteria in water supply systems.
<b>Chapter 4—Plumbing fixtures and fixture fittings</b>						
<b>TAG Member: William Misocky</b>						
	407.3	407.3	Limitation of Hot Water Temperature for Public Lavatories		N	N No recommendation just added clarification in the code
	408.3	408.3	Individual Shower and Tub-Shower Combination Control Valves		N	N No recommendation just added clarification in the code
	408.3.1	408.3.1	Gang Showers			No recommendation just added clarification in the code
	408.3.2	408.3.3	Temperature Limiting.			No recommendation just added clarification in the code
	416.2	416.2	Water Supply	<b>Added:</b> Where water is supplied directly to an emergency shower or eyewash station from a water heater, the water heater shall comply with ASSE 1085.	N	N No recommendation just added clarification in the code
	417.6	417.6	Low-Pressure Water Dispenser		N	N No comment
<b>Chapter 5—Water heaters</b>						
<b>TAG Member: William Misocky</b>						
	501.1 (1)	501.1 (1)	Water Heater Table	Added language that would align with UL and CSA	N	N All correlation, nothing to report
	508.2.1.1	508.2.1.2	Guards and Rails	New section: Addresses the Technical Committee’s concern by keeping the National Fire Protection Association extract and adding additional provisions to address “guards and rails.” The added language gives the end-user clear guidance when guards and rails are required for safety, and the minimum requirements for physical characteristics	Y	N Already a requirement, just adding to the UPC
<b>Chapter 6—Water supply and distribution</b>						
<b>TAG Member: Sandhu Harpreet</b>						
	611.1	611.1	Application			
	611.1.1	611.1.2	Alkaline Water treatment		N	N Already been in the code, 2021 UPC is just more clear

	611.1.2	611.1.3	Scale Reduction Devices				Already been in the code, 2021 UPC is just more clear
	611.1	611.1	DRINKING WATER TREATMENT UNITS TABLE				Already been in the code, 2021 UPC is just more clear
Chapter 7—Sanitary drainage							
TAG Member: Steve Simpson							
	703.2	703.2	Table		N	Y	Deleted an amendment during tag review
	707.2	707.2	Table	Materials approved for cleanouts	N	N	Significant but no cost, adds options to materials that can be used.
Chapter 8—Indirect wastes							
TAG Member: Eric Mills							
	814.2	814.2		There is one change that isn't necessarily significant but could use some discussion by the team	Y	N	Added drain may be required in some applications
Chapter 9—Vents							
TAG Member: Steve Hart							
	911	911	Circuit Venting	Completely re-wrote	N	N	We have a state amendment and clearly defines what is required
Chapter 10—Traps and interceptors							
TAG Member: Eric Mills							
				No significant changes noted.	N	N	No significant changes noted.
Chapter 11—Storm drainage							
TAG Member: Ed Holmes							
	1101.4.1	1101.4.2	Material uses	No significant changes noted.	N	N	Has been in the IFC it has been added to the UPC
Chapter 13—Health care facilities and medical gas and vacuum systems							
TAG Member: Steve Simpson							
				Ref. changes throughout NFPA 15 to 18	N	N	Standards changes have no significant cost
	NA	1303.9	Work performed in Occupied healthcare facilities		Y	Y	Nobody qualified in the state to train to meet requirements. Could be considered an unfunded mandate
Chapter 14—Reserved							
TAG Member:							
				No significant changes noted.	N	N	No significant changes noted.
Chapter 15—Alternate water sources for nonportable applications							
TAG Member: Sandhu Harpreet							
				No significant changes noted.	N	N	No significant changes noted.
Chapter 16—Nonportable rainwater catchment systems							

**TAG Member: Steve Hart**

	1602.1		Non potable rainwater catchment systems	Added ASPE 63 to model code	N	N	The standard was taken out in the 2018 code but put back in the 2021
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**Chapter 17—Referenced standards**

**TAG Member: TAG**

	1701.1		TABLE	Updating reference standards	N	N	No Comment
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