		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	
	Chapter 1—Administration							
TAC	G Member: Ray S	hipman (STAFF)		IN	la.	la.	No Comments	
-				No changes from 2018 to 2021	N	N	No Comments	
	Chapter 2—Definitions							
TAC	Chapter 2—Definitions  G 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				
	205	205	Critical Care Area	Projects	N	N	Definitions Added to report for reference	
			Commercial Modular System	Added 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		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	
	218	218	Point-of-Entry, Water Treatment Unit	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.	N	N	Definitions Added to report for reference	
			Point-of-Use, Water Treatment Unit	See Above	N	N	Definitions Added to report for reference	
$\vdash$			Treatment Onit	Jee Above	IN	IN	Definitions Added to report for reference	
	Chapter 3—General regulations							

AG Member: Ray S	nipman (STAFF	1				
	•		Dead legs are currently silent in the code and			
		Dead Legs	should be addressed to avoid the growth of			Dead legs are currently silent in the code and should be addressed
309.6	309.6		bacteria in water supply systems.	N	N	avoid the growth of bacteria in water supply systems.
333.3						
			Chapter 4—Plumbing	fixtures and fixtu	re fittings	
G Member: Willia	am Misocky					
		Limitation of Hot				
		Water Temperature				
407.3	407.3	for Public Lavatories		N	N	No recommendation just added clarification in the code
		Individual Shower and				
		Tub-Shower				
		Combination Control				
408.3	408 3	Valves		N	N	No recommendation just added clarification in the code
408.3.1		Gang Showers		••		No recommendation just added clarification in the code
400.3.1	400.3.1	Temperature Limiting.				140 recommendation just added clarification in the code
408.3.2	408.3.3					No recommendation just added clarification in the code
408.3.2	408.3.3		Added: Where water is supplied directly to an			No recommendation just added clarification in the code
		Water Supply				
			emergency shower or eyewash station from a			
			water heater, the water heater shall comply with			
416.2	416.2		ASSE 1085.	N	N	No recommendation just added clarification in the code
		Low-Pressure Water				
417.6	417.6	Low-Pressure Water Dispenser		N	N	No comment
417.6	417.6		Chapter 5-	N -Water heaters	N	No comment
417.6			Chapter 5-	N -Water heaters	N	No comment
AG Member: Willia	am Misocky	Dispenser				
AG Member: Willia			Added language that would align with UL and CSA		N N	All correlation, nothing to report
AG Member: Willia	am Misocky	Dispenser	Added language that would align with UL and CSA New section: Addresses the Technical			
AG Member: Willia	am Misocky	Dispenser	Added language that would align with UL and CSA New section: Addresses the Technical Committee's concern by keeping the National Fire			
AG Member: Willia	am Misocky	Dispenser	Added language that would align with UL and CSA New section: Addresses the Technical Committee's concern by keeping the National Fire Protection Association extract and adding			
AG Member: Willia	am Misocky	Dispenser	Added language that would align with UL and CSA New section: Addresses the Technical Committee's concern by keeping the National Fire Protection Association extract and adding additional provisions to address "guards and			
AG Member: Willia	am Misocky	Dispenser	Added language that would align with UL and CSA 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			
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AG Member: Willia	am Misocky	Dispenser	Added language that would align with UL and CSA 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			
AG Member: Willia	am Misocky	Dispenser	Added language that would align with UL and CSA 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			
AG Member: Willia	501.1 (1)	Dispenser  Water Heater Table	Added language that would align with UL and CSA 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	N Y	N N	All correlation, nothing to report
AG Member: Willia 501.1 (1) 508.2.1.1	501.1 (1) 508.2.1.2 hu Harpreet	Water Heater Table  Guards and Rails	Added language that would align with UL and CSA 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	N Y	N N	All correlation, nothing to report
AG Member: Willia 501.1 (1) 508.2.1.1	501.1 (1) 508.2.1.2 hu Harpreet	Dispenser  Water Heater Table  Guards and Rails  Application	Added language that would align with UL and CSA 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	N Y	N N	All correlation, nothing to report
501.1 (1) 508.2.1.1  AG Member: Sand	501.1 (1) 508.2.1.2 hu Harpreet	Water Heater Table  Guards and Rails	Added language that would align with UL and CSA 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	N Y	N N	All correlation, nothing to report
AG Member: Willia 501.1 (1) 508.2.1.1	501.1 (1)  508.2.1.2  hu Harpreet 611.1	Dispenser  Water Heater Table  Guards and Rails  Application	Added language that would align with UL and CSA 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	N Y	N N	All correlation, nothing to report
501.1 (1) 508.2.1.1  AG Member: Sand 611.1	501.1 (1)  508.2.1.2  hu Harpreet 611.1	Water Heater Table  Guards and Rails  Application Alkaline Water	Added language that would align with UL and CSA 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	N Y	N N ibution	All correlation, nothing to report  Already a requirement, just adding to the UPC
501.1 (1) 508.2.1.1  G Member: Sand 611.1	501.1 (1)  508.2.1.2  hu Harpreet 611.1.2	Water Heater Table  Guards and Rails  Application Alkaline Water treatment	Added language that would align with UL and CSA 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	N Y	N N ibution	All correlation, nothing to report  Already a requirement, just adding to the UPC
AG Member: Willia 501.1 (1) 508.2.1.1 AG Member: Sand 611.1	501.1 (1)  508.2.1.2  hu Harpreet 611.1.2	Dispenser  Water Heater Table  Guards and Rails  Application Alkaline Water treatment Scale Reduction	Added language that would align with UL and CSA 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	N Y	N N ibution	All correlation, nothing to report  Already a requirement, just adding to the UPC  Already been in the code, 2021 UPC is just more clear
AG Member: Willia 501.1 (1) 508.2.1.1 AG Member: Sand 611.1	501.1 (1)  508.2.1.2  hu Harpreet 611.1.2	Mater Heater Table  Guards and Rails  Application Alkaline Water treatment Scale Reduction Devices	Added language that would align with UL and CSA 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	N Y	N N ibution	All correlation, nothing to report  Already a requirement, just adding to the UPC  Already been in the code, 2021 UPC is just more clear
AG Member: Willia 501.1 (1) 508.2.1.1 AG Member: Sand 611.1	501.1 (1)  508.2.1.2  hu Harpreet 611.1 611.1.2	Mater Heater Table  Guards and Rails  Application Alkaline Water treatment Scale Reduction Devices DRINKING WATER	Added language that would align with UL and CSA 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	N Y	N N ibution	All correlation, nothing to report  Already a requirement, just adding to the UPC  Already been in the code, 2021 UPC is just more clear

				Chapter 7—	Sanitary drainage	e	
TAG	Member: Steve	Simpson			7	_	
	703.2	703.2	Table		N	Υ	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 N	∕Iills					
				There is one change that isn't necessarily			
				significant but could use some discussion by the			
$\vdash$	814.2	814.2		team	Υ	N	Added drain may be required in some applications
				Chapt	er 9—Vents		
TAG	Member: Steve			T		1	1
	911	911	Circuit Venting	Completely re-wrote	N	N	We have a state amendment and clearly defines what is required
				Chapter 10—Tr	aps and intercept	tors	
TAG	Member: Eric N	∕Iills					
				No significant changes noted.	N	N	No significant changes noted.
					—Storm drainage		No significant changes noted.
				Chapter 11	- Storm dramage		
TAG	Member: Ed H	olmes			_		
:	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	s and vacuum sys	tems
ΤΛ.	Member: Steve	. Cimanaan		·		•	
IAC	iviember: Steve	Simpson		Ref. changes throughout NFPA 15 to 18	N	N	Standards changes have no significant cost
			Work performed in	Net. changes throughout WITA 15 to 15	111		Standards changes have no significant cost
			Occupied healthcare				Nobody qualified in the state to train to meet requirements. Could be
	NA	1303.9	facilities		Υ	Υ	considered an unfunded mandate
				Chapter	14—Reserved		
TAC	Mombor			•			
IAC	Member:						
Ш				No significant changes noted.	N	N	No significant changes noted.
				Chapter 15—Alternate water s	ources for nonpo	ortable applicatio	ns
TAG	Member: Sand	hu Harpreet					
		•		No significant changes noted.	N	N	No significant changes noted.
				Chapter 16—Nonportable		1	no significant changes noted.
				Chapter 10—Nonportable	e rannwater tatti	mient systems	
TAG	Member: Steve	Hart		T		T	1
	4600.4		Non potable rainwater		N.	N.	The standard was taken out in the 2010 and a but much head in the 2021
	1602.1		catchment systems	Added ASPE 63 to model code	oforomonal stands	IN	The standard was taken out in the 2018 code but put back in the 2021
	Chapter 17—Referenced standards						
TAG	Member: TAG						

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	1701.1	TARIF	Undating reference standards	N.I.	N.I.	No Comment
	1/01.1	IADLL	Updating reference standards	IN	IN	No Comment