

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committteee review	Date of Committteee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
1		201.0 General.	Keep 2024 UPC	201.0 General.		FALSE	1/3/2024			
2		201.1 Applicability.	Keep 2024 UPC	201.1 Applicability. For the purpose of this code, the followingterms have the meanings indicated in this chapter.No attempt is made to define ordinary words, which areused in accordance with their established dictionary meanings,except where a word has been used loosely, and it isnecessary to define its meaning as used in this code to avoid misunderstanding.	201.1 Applicability. For the purpose of this code, the followingterms have the meanings indicated in this chapter.No attempt is made to define ordinary words, which areused in accordance with their established dictionary meanings,except where a word has been used loosely, and it isnecessary to define its meaning as used in this code to avoid misunderstanding.	TRUE	1/3/2024			
3		202.0 Definition of Terms.	Keep 2024 UPC	202.0 Definition of Terms.	202.0 Definition of Terms.	TRUE	1/3/2024			
4		202.1 General.	Keep 2024 UPC	202.1 General. The definitions of terms are arranged alphabeticallyaccording to the first word of the term.	202.1 General. The definitions of terms are arranged alphabeticallyaccording to the first word of the term.	TRUE	1/3/2024			
5						TRUE	1/3/2024			
6	203	ABS.	Keep 2024 UPC	ABS. Acrylonitrile-butadiene-styrene.	ABS. Acrylonitrile-butadiene-styrene.	TRUE	1/3/2024			
7		Accepted Engineering Practice.	Keep 2024 UPC	Accepted Engineering Practice. That which conformsto technical or scientific-based principles, tests, or standardsthat are accepted by the engineering profession.	Accepted Engineering Practice. That which conformsto technical or scientific-based principles, tests, or standardsthat are accepted by the engineering profession.	TRUE	1/3/2024			
8		Accessible.	Keep 2024 UPC	Accessible. Where applied to a fixture, connection, appliance,or equipment, “accessible” means having accessthereto, but which first may require the removal of an accesspanel, door, or similar obstruction.	Accessible. Where applied to a fixture, connection, appliance,or equipment, “accessible” means having accessthereto, but which first may require the removal of an accesspanel, door, or similar obstruction.	TRUE	1/3/2024			
9		Accessible, Readily.	Keep 2024 UPC	Accessible, Readily. Having a direct access without thenecessity of removing a panel, door, or similar obstruction.	Accessible, Readily. Having a direct access without thenecessity of removing a panel, door, or similar obstruction.	TRUE	1/3/2024			
10		Air Break.	Keep 2024 UPC	Air Break. A physical separation which may be a low inletinto the indirect waste receptor from the fixture, appliance,or device indirectly connected.	Air Break. A physical separation which may be a low inletinto the indirect waste receptor from the fixture, appliance,or device indirectly connected.	TRUE	1/3/2024			
11		Air Gap, Drainage.	Keep 2024 UPC	Air Gap, Drainage. The unobstructed vertical distancethrough the free atmosphere between the lowest opening froma pipe, plumbing fixture, appliance, or appurtenance conveyingwaste to the flood-level rim of the receptor.	Air Gap, Drainage. The unobstructed vertical distancethrough the free atmosphere between the lowest opening froma pipe, plumbing fixture, appliance, or appurtenance conveyingwaste to the flood-level rim of the receptor.	TRUE	1/3/2024			
12		Air Gap, Water Distribution	Keep 2024 UPC	Air Gap, Water Distribution. The unobstructed verticaldistance through the free atmosphere between the lowestopening from a pipe or faucet conveying potable water to theflood-level rim of a tank, vat, or fixture.	Air Gap, Water Distribution. The unobstructed verticaldistance through the free atmosphere between the lowestopening from a pipe or faucet conveying potable water to theflood-level rim of a tank, vat, or fixture.	TRUE	1/3/2024			
13		Alternate Water Source.	Keep 2024 UPC	Alternate Water Source. Nonpotable source of water thatincludes but not limited to gray water, on-site treated nonpotablewater, rainwater, and reclaimed (recycled) water.	Alternate Water Source. Nonpotable source of water thatincludes but not limited to gray water, on-site treated nonpotablewater, rainwater, and reclaimed (recycled) water.	TRUE	1/3/2024			
14		Anchors.	Keep 2024 UPC	Anchors. See Supports.	Anchors. See Supports.	TRUE	1/3/2024			

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15		Approved Testing Agency.	Keep 2024 UPC	Approved Testing Agency. An organization primarilyestablished for purposes of testing to approved standards andapproved by the Authority Having Jurisdiction.	Approved Testing Agency. An organization primarilyestablished for purposes of testing to approved standards andapproved by the Authority Having Jurisdiction.	TRUE	1/3/2024			
16		Area Drain.	Keep 2024 UPC	Area Drain. A receptor designed to collect surface or stormwater from an open area.	Area Drain. A receptor designed to collect surface or stormwater from an open area.	TRUE	1/3/2024			
17		Aspirator.	Keep 2024 UPC	Aspirator. A fitting or device supplied with water or otherfluid under positive pressure that passes through an integralorifice or constriction, causing a vacuum.	Aspirator. A fitting or device supplied with water or otherfluid under positive pressure that passes through an integralorifice or constriction, causing a vacuum.	TRUE	1/3/2024			
18		Backflow.	Keep 2024 UPC	Backflow. The flow of water or other liquids, mixtures, orsubstances into the distributing pipes of a potable supply ofwater from sources other than its intended source. See BackpressureBackflow and Backsiphonage.	Backflow. The flow of water or other liquids, mixtures, orsubstances into the distributing pipes of a potable supply ofwater from sources other than its intended source. See BackpressureBackflow and Backsiphonage.	TRUE	1/3/2024			
19		Backflow Connection.	Keep 2024 UPC	Backflow Connection. An arrangement whereby backflowcan occur.	Backflow Connection. An arrangement whereby backflowcan occur.	TRUE	1/3/2024			
20		Backflow Preventer.	Keep 2024 UPC	Backflow Preventer. A backflow prevention device, anassembly, or another method to prevent backflow into thepotable water system.	Backflow Preventer. A backflow prevention device, anassembly, or another method to prevent backflow into thepotable water system.	TRUE	1/3/2024			
21		Backpressure Backflow.	Keep 2024 UPC	Backpressure Backflow. Backflow due to an increasedpressure above the supply pressure, which may be due topumps, boilers, gravity, or other sources of pressure.	Backpressure Backflow. Backflow due to an increasedpressure above the supply pressure, which may be due topumps, boilers, gravity, or other sources of pressure.	TRUE	1/3/2024			
22		Backsiphonage.	Keep 2024 UPC	Backsiphonage. The flowing back of used, contaminated,or polluted water from a plumbing fixture or vessel into awater supply pipe due to a pressure less than atmospheric insuch pipe. See Backflow.	Backsiphonage. The flowing back of used, contaminated,or polluted water from a plumbing fixture or vessel into awater supply pipe due to a pressure less than atmospheric insuch pipe. See Backflow.	TRUE	1/3/2024			
23		Backwater Valve.	Keep 2024 UPC	Backwater Valve. A device installed in a drainage systemto prevent reverse flow.	Backwater Valve. A device installed in a drainage systemto prevent reverse flow.	TRUE	1/3/2024			
24		Bathroom.	Keep 2024 UPC	Bathroom. A room equipped with a shower, bathtub, orcombination bath/shower.	Bathroom. A room equipped with a shower, bathtub, orcombination bath/shower.	TRUE	1/3/2024			
25		Bathroom, Half	Keep 2024 UPC	Bathroom, Half. A room equipped with only a water closetand lavatory.	Bathroom, Half. A room equipped with only a water closetand lavatory.	TRUE	1/3/2024			
26		Bathroom Group.	Keep 2024 UPC	Bathroom Group. Any combination of fixtures, not toexceed one water closet, two lavatories, either one bathtub orone combination bath/shower, and one shower, and mayinclude a bidet and an emergency floor drain.	Bathroom Group. Any combination of fixtures, not toexceed one water closet, two lavatories, either one bathtub orone combination bath/shower, and one shower, and mayinclude a bidet and an emergency floor drain.	TRUE	1/3/2024			
27		Battery of Fixtures.	Keep 2024 UPC	Battery of Fixtures. A group of two or more similar, adjacentfixtures that discharge into a common horizontal wasteor soil branch.	Battery of Fixtures. A group of two or more similar, adjacentfixtures that discharge into a common horizontal wasteor soil branch.	TRUE	1/3/2024			
28		Bedpan Steamer.	Keep 2024 UPC	Bedpan Steamer. A fixture that is used to sterilize bedpansby way of steam.	Bedpan Steamer. A fixture that is used to sterilize bedpansby way of steam.	TRUE	1/3/2024			
29						TRUE	1/3/2024			
30		Boiler Blowoff.	Keep 2024 UPC	Boiler Blowoff. An outlet on a boiler to permit emptying ordischarge of sediment.	Boiler Blowoff. An outlet on a boiler to permit emptying ordischarge of sediment.	TRUE	1/3/2024			

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31		Bottle Filling Station.	Keep 2024 UPC	Bottle Filling Station. A plumbing fixture connected to thepotable water distribution system and sanitary drainage systemthat is designed and intended for filling personal usedrinking water bottles or containers not less than 10 inches(254 mm) in height. Such fixtures can be separate from orintegral to a drinking fountain and can incorporate a water filterand a cooling system for chilling the drinking water.	Bottle Filling Station. A plumbing fixture connected to thepotable water distribution system and sanitary drainage systemthat is designed and intended for filling personal usedrinking water bottles or containers not less than 10 inches(254 mm) in height. Such fixtures can be separate from orintegral to a drinking fountain and can incorporate a water filterand a cooling system for chilling the drinking water.	TRUE	1/3/2024			
32		Branch.	Keep 2024 UPC	Branch. A part of the piping system other than a main, riser,or stack.	Branch. A part of the piping system other than a main, riser,or stack.	TRUE	1/3/2024			
33		Branch, Fixture.	Keep 2024 UPC	Branch, Fixture. See Fixture Branch.	Branch, Fixture. See Fixture Branch.	TRUE	1/3/2024			
34		Branch, Horizontal.	Keep 2024 UPC	Branch, Horizontal. See Horizontal Branch	Branch, Horizontal. See Horizontal Branch	TRUE	1/3/2024			
35		Branch Vent.	Keep 2024 UPC	Branch Vent. A vent connecting one or more individualvents with a vent stack or stack vent.	Branch Vent. A vent connecting one or more individualvents with a vent stack or stack vent.	TRUE	1/3/2024			
36		Building.	Keep 2024 UPC	Building. A structure built, erected, and framed of componentstructural parts designed for the housing, shelter, enclosure,or support of persons, animals, or property of any kind.	Building. A structure built, erected, and framed of componentstructural parts designed for the housing, shelter, enclosure,or support of persons, animals, or property of any kind.	TRUE	1/3/2024			
37		Building Drain.	Keep 2024 UPC	Building Drain. That part of the lowest piping of a drainagesystem that receives the discharge from soil, waste, and otherdrainage pipes inside the walls of the building and conveys itto the building sewer beginning 2 feet (610 mm) outside thebuilding wall.	Building Drain. That part of the lowest piping of a drainagesystem that receives the discharge from soil, waste, and otherdrainage pipes inside the walls of the building and conveys itto the building sewer beginning 2 feet (610 mm) outside thebuilding wall.	TRUE	1/3/2024			
38		Building Drain (Sanitary).	Keep 2024 UPC	Building Drain (Sanitary). A building drain that conveyssewage only.	Building Drain (Sanitary). A building drain that conveyssewage only.	TRUE	1/3/2024			
39		Building Sewer.	Keep 2024 UPC	Building Sewer. That part of the horizontal piping of adrainage system that extends from the end of the buildingdrain and that receives the discharge of the building drain andconveys it to a public sewer, private sewer, private sewagedisposal system, or another point of disposal.	Building Sewer. That part of the horizontal piping of adrainage system that extends from the end of the buildingdrain and that receives the discharge of the building drain andconveys it to a public sewer, private sewer, private sewagedisposal system, or another point of disposal.	TRUE	1/3/2024			
40		Building Sewer (Combined).	Keep 2024 UPC	Building Sewer (Combined). A building sewer that conveysboth sewage and storm water or other drainage.	Building Sewer (Combined). A building sewer that conveysboth sewage and storm water or other drainage.	TRUE	1/3/2024			
41		Building Sewer (Sanitary)	Keep 2024 UPC	Building Sewer (Sanitary). A building sewer that conveys sewage only.	Building Sewer (Sanitary). A building sewer that conveys sewage only.	TRUE	1/3/2024			
42		Building Sewer (Storm).	Keep 2024 UPC	Building Sewer (Storm). A building sewer that conveyssstorm water or another drainage, but no sewage.	Building Sewer (Storm). A building sewer that conveyssstorm water or another drainage, but no sewage.	TRUE	1/3/2024			
43		Building Subdrain.	Keep 2024 UPC	Building Subdrain. That portion of a drainage system thatdoes not drain by gravity into the building sewer.	Building Subdrain. That portion of a drainage system thatdoes not drain by gravity into the building sewer.	TRUE	1/3/2024			
44						TRUE	1/3/2024			
45		Cesspool.	Keep 2024 UPC	Cesspool. A lined excavation in the ground that receivesthe discharge of a drainage system or part thereof, so designedas to retain the organic matter and solids discharging thereinbut permitting the liquids to seep through the bottom andsides.	Cesspool. A lined excavation in the ground that receivesthe discharge of a drainage system or part thereof, so designedas to retain the organic matter and solids discharging thereinbut permitting the liquids to seep through the bottom andsides.	TRUE	1/3/2024			

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46		Chemical Waste.	Keep 2024 UPC	Chemical Waste. See Special Wastes.	Chemical Waste. See Special Wastes.	TRUE	1/3/2024			
47		Clarifier.	Keep 2024 UPC	Clarifier. See Interceptor (Clarifier).	Clarifier. See Interceptor (Clarifier).	TRUE	1/3/2024			
48		Clinical Sink.	Keep 2024 UPC	Clinical Sink. A fixture that has the same flushing andcleansing characteristics of a water closet that is used toreceive the wastes from a bedpan. Also, known as a bed pan washer.	Clinical Sink. A fixture that has the same flushing andcleansing characteristics of a water closet that is used toreceive the wastes from a bedpan. Also, known as a bed pan washer.	TRUE	1/3/2024			
49		Coastal High Hazard Areas.	Keep 2024 UPC	Coastal High Hazard Areas. An area within the floodhazard area that is subject to high-velocity wave action, andshown on a Flood Insurance Rate Map or other flood hazardmap as Zone V, VO, VE or V1-30.	Coastal High Hazard Areas. An area within the floodhazard area that is subject to high-velocity wave action, andshown on a Flood Insurance Rate Map or other flood hazardmap as Zone V, VO, VE or V1-30.	TRUE	1/3/2024			
50		Combination Temperature and Pressure-ReliefValve.	Keep 2024 UPC	Combination Temperature and Pressure-ReliefValve. A relief valve that actuates when a set temperature, pressure, or both is reached. Also, known as a T&P Valve.	Combination Temperature and Pressure-ReliefValve. A relief valve that actuates when a set temperature, pressure, or both is reached. Also, known as a T&P Valve.	TRUE	1/3/2024			
51		Combination Thermostatic/Pressure BalancingValve.	Keep 2024 UPC	Combination Thermostatic/Pressure BalancingValve. A mixing valve that senses outlet temperature andincoming hot and cold water pressure and compensates forfluctuations in incoming hot and cold water temperatures, pressures, or both to stabilize outlet temperatures.	Combination Thermostatic/Pressure BalancingValve. A mixing valve that senses outlet temperature andincoming hot and cold water pressure and compensates forfluctuations in incoming hot and cold water temperatures, pressures, or both to stabilize outlet temperatures.	TRUE	1/3/2024			
52		Combination Waste and Vent System.	Keep 2024 UPC	Combination Waste and Vent System. A speciallydesigned system of waste piping embodying the horizontalwet venting of one or more sinks or floor drains using a commonwaste and vent pipe adequately sized to provide free movement of air above the flow line of the drain.	Combination Waste and Vent System. A speciallydesigned system of waste piping embodying the horizontalwet venting of one or more sinks or floor drains using a commonwaste and vent pipe adequately sized to provide free movement of air above the flow line of the drain.	TRUE	1/3/2024			
53		Combined Building Sewer.	Keep 2024 UPC	Combined Building Sewer. See Building Sewer (Combined).	Combined Building Sewer. See Building Sewer (Combined).	TRUE	1/3/2024			
54		Combustible Material.	Keep 2024 UPC	Combustible Material. A material that, in the form inwhich it is used and under the conditions anticipated, willignite and burn; a material that does not meet the definition ofnoncombustible. [NFPA 54:3.3.64.1]	Combustible Material. A material that, in the form inwhich it is used and under the conditions anticipated, willignite and burn; a material that does not meet the definition ofnoncombustible. [NFPA 54:3.3.64.1]	TRUE	1/3/2024			
55		Common.	Keep 2024 UPC	Common. That part of a plumbing system that is sodesigned and installed as to serve more than one appliance,fixture, building, or system.	Common. That part of a plumbing system that is sodesigned and installed as to serve more than one appliance,fixture, building, or system.	TRUE	1/3/2024			
56		Condensate	Keep 2024 UPC	Condensate. The liquid phase produced by condensationof a gas or vapor.	Condensate. The liquid phase produced by condensationof a gas or vapor.	TRUE	1/3/2024			
57		Conductor.	Keep 2024 UPC	Conductor. A pipe inside the building that conveys stormwater from the roof to a storm drain, combined buildingsewer, or other approved point of disposal.	Conductor. A pipe inside the building that conveys stormwater from the roof to a storm drain, combined buildingsewer, or other approved point of disposal.	TRUE	1/3/2024			
58		Construction Documents.	Keep 2024 UPC	Construction Documents. Plans, specifications, written,graphic, and pictorial documents prepared or assembled fordescribing the design, location, and physical characteristicsof the elements of a project necessary for obtaining a permit.	Construction Documents. Plans, specifications, written,graphic, and pictorial documents prepared or assembled fordescribing the design, location, and physical characteristicsof the elements of a project necessary for obtaining a permit.	TRUE	1/3/2024			

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59		Contamination.	Keep 2024 UPC	Contamination. An impairment of the quality of the potable water that creates an actual hazard to the public healththrough poisoning or the spread of disease by sewage, industrialfluids, or waste. Also, defined as High Hazard.	Contamination. An impairment of the quality of the potable water that creates an actual hazard to the public healththrough poisoning or the spread of disease by sewage, industrialfluids, or waste. Also, defined as High Hazard.	TRUE	1/3/2024			
60		Continuous Vent	Keep 2024 UPC	Continuous Vent. A vertical vent that is a continuation ofthe drain to which it connects.	Continuous Vent. A vertical vent that is a continuation ofthe drain to which it connects.	TRUE	1/3/2024			
61		Continuous Waste	Keep 2024 UPC	Continuous Waste. A drain is connecting the compartmentsof a set of fixtures to a trap or connecting other permittedfixtures to a common trap.	Continuous Waste. A drain is connecting the compartmentsof a set of fixtures to a trap or connecting other permittedfixtures to a common trap.	TRUE	1/3/2024			
62		Copper Alloy.	Keep 2024 UPC	Copper Alloy. A homogenous mixture of two or more metalsin which copper is the primary component, such as brassand bronze.	Copper Alloy. A homogenous mixture of two or more metalsin which copper is the primary component, such as brassand bronze.	TRUE	1/3/2024			
63		CPVC	Keep 2024 UPC	CPVC. Chlorinated Polyvinyl Chloride.	CPVC. Chlorinated Polyvinyl Chloride.	TRUE	1/3/2024			
64		Critical Level	Keep 2024 UPC	Critical Level. The critical level (C-L or C/L) marking on abackflow prevention device or vacuum breaker is a point conformingto approved standards and established by the testinglaboratory (usually stamped on the device by the manufacturer)that determines the minimum elevation above the floodlevelrim of the fixture or receptor served at which the devicemay be installed. Where a backflow prevention device doesnot bear a critical level marking, the bottom of the vacuumbreaker, combination valve, or the bottom of such approveddevice shall constitute the critical level.	Critical Level. The critical level (C-L or C/L) marking on abackflow prevention device or vacuum breaker is a point conformingto approved standards and established by the testinglaboratory (usually stamped on the device by the manufacturer)that determines the minimum elevation above the floodlevelrim of the fixture or receptor served at which the devicemay be installed. Where a backflow prevention device doesnot bear a critical level marking, the bottom of the vacuumbreaker, combination valve, or the bottom of such approveddevice shall constitute the critical level.	TRUE	1/3/2024			
65		Cross-Connection.	Keep 2024 UPC	Cross-Connection. A connection or arrangement, physicalor otherwise, between a potable water supply system and aplumbing fixture or a tank, receptor, equipment, or device,through which it may be possible for nonpotable, used,unclean, polluted, and contaminated water, or other substancesto enter into a part of such potable water system underany condition.	Cross-Connection. A connection or arrangement, physicalor otherwise, between a potable water supply system and aplumbing fixture or a tank, receptor, equipment, or device,through which it may be possible for nonpotable, used,unclean, polluted, and contaminated water, or other substancesto enter into a part of such potable water system underany condition.	TRUE	1/3/2024			
66		Debris Excluder	Keep 2024 UPC	Debris Excluder. A device installed on the rainwater catchmentconveyance system to prevent the accumulation ofleaves, needles, or other debris in the system.	Debris Excluder. A device installed on the rainwater catchmentconveyance system to prevent the accumulation ofleaves, needles, or other debris in the system.	TRUE	1/3/2024			
67		Department Having Jurisdiction	Keep 2024 UPC	Department Having Jurisdiction. The Authority HavingJurisdiction, including any other law enforcement agencyaffected by a provision of this code, whether such agency isspecifically named or not.	Department Having Jurisdiction. The Authority HavingJurisdiction, including any other law enforcement agencyaffected by a provision of this code, whether such agency isspecifically named or not.	TRUE	1/3/2024			

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Chapter 2 (Keep UPC 2024)

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68		Design Flood Elevation	Keep 2024 UPC	Design Flood Elevation. The elevation of the “designflood,” including wave height, relative to the datum specifiedon the community’s legally designated flood hazard map. Inareas designated as Zone AO, the design flood elevation isthe elevation of the highest existing grade of the building’sperimeter plus the depth number (in feet) specified on theflood hazard map. In areas designated as Zone AO where adepth number is not specified on the map, the depth numberis taken as being equal to 2 feet (610 mm).	Design Flood Elevation. The elevation of the “designflood,” including wave height, relative to the datum specifiedon the community’s legally designated flood hazard map. Inareas designated as Zone AO, the design flood elevation isthe elevation of the highest existing grade of the building’sperimeter plus the depth number (in feet) specified on theflood hazard map. In areas designated as Zone AO where adepth number is not specified on the map, the depth numberis taken as being equal to 2 feet (610 mm).	TRUE	1/3/2024			
69		Developed Length	Keep 2024 UPC	Developed Length. The length along the centerline of a pipe and fittings.	Developed Length. The length along the centerline of a pipe and fittings.	TRUE	1/3/2024			
70		Diameter.	Keep 2024 UPC	Diameter. Unless specifically stated, “diameter” is the nominaldiameter as designated commercially.	Diameter. Unless specifically stated, “diameter” is the nominaldiameter as designated commercially.	TRUE	1/3/2024			
71		Domestic Sewage.	Keep 2024 UPC	Domestic Sewage. The liquid and water-borne wastesderived from the ordinary living processes, free from industrialwastes, and of such character as to permit satisfactory disposal, without special treatment, into the public sewer orby means of a private sewage disposal system.	Domestic Sewage. The liquid and water-borne wastesderived from the ordinary living processes, free from industrialwastes, and of such character as to permit satisfactory disposal, without special treatment, into the public sewer orby means of a private sewage disposal system.	TRUE	1/3/2024			
72		Downspout.	Keep 2024 UPC	Downspout. The rain leader from the roof to the buildingstorm drain, combined building sewer, or other means of disposallocated outside of the building. See Conductor and Leader.	Downspout. The rain leader from the roof to the buildingstorm drain, combined building sewer, or other means of disposallocated outside of the building. See Conductor and Leader.	TRUE	1/3/2024			
73	206	Drain	Keep 2024 UPC	Drain. A pipe that carries waste or waterborne wastes in abuilding drainage system.	Drain. A pipe that carries waste or waterborne wastes in abuilding drainage system.	TRUE	1/3/2024			
74		Drinking Fountain.	Keep 2024 UPC	Drinking Fountain. A plumbing fixture connected to thepotable water distribution system and sanitary drainage systemthat provides drinking water in a flowing stream so that the user can consume water directly from the fixture withoutthe use of accessories. Drinking fountains should also incorporatea bottle filling station and can incorporate a water filterand a cooling system for chilling the drinking water.	Drinking Fountain. A plumbing fixture connected to thepotable water distribution system and sanitary drainage systemthat provides drinking water in a flowing stream so that the user can consume water directly from the fixture withoutthe use of accessories. Drinking fountains should also incorporatea bottle filling station and can incorporate a water filterand a cooling system for chilling the drinking water.	TRUE	1/3/2024			
75		Dry Vent.	Keep 2024 UPC	Dry Vent. A vent that does not receive the discharge of anysewage or waste.	Dry Vent. A vent that does not receive the discharge of anysewage or waste.	TRUE	1/3/2024			
76		Durham System	Keep 2024 UPC	Durham System. Soil or waste system in which all piping isthreaded pipe, tubing, or other such rigid construction, usingrecessed drainage fittings to correspond to the types of piping.	Durham System. Soil or waste system in which all piping isthreaded pipe, tubing, or other such rigid construction, usingrecessed drainage fittings to correspond to the types of piping.	TRUE	1/3/2024			
77		Effective Opening.	Keep 2024 UPC	Effective Opening. The minimum cross-sectional area atthe point of water supply discharge measured or expressed interms of (1) diameter of a circle or (2) where the opening isnot circular, the diameter of a circle of equivalent cross-sectionalarea. (This applies to an air gap).	Effective Opening. The minimum cross-sectional area atthe point of water supply discharge measured or expressed interms of (1) diameter of a circle or (2) where the opening isnot circular, the diameter of a circle of equivalent cross-sectionalarea. (This applies to an air gap).	TRUE	1/3/2024			

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78		Exam Room Sink.	Keep 2024 UPC	Exam Room Sink. A sink used in the patient exam room of a medical or dental office with a primary purpose of the washing of hands.	Exam Room Sink. A sink used in the patient exam room of a medical or dental office with a primary purpose of the washing of hands.	TRUE	1/3/2024			
79		Expansion Joint.	Keep 2024 UPC	Expansion Joint. A fitting or arrangement of pipe and fittings that permit the contraction and expansion of a piping system.	Expansion Joint. A fitting or arrangement of pipe and fittings that permit the contraction and expansion of a piping system.	TRUE	1/3/2024			
80		Fixture Branch	Keep 2024 UPC	Fixture Branch. A water supply pipe between the fixture supply pipe and the water distribution pipe.	Fixture Branch. A water supply pipe between the fixture supply pipe and the water distribution pipe.	TRUE	1/3/2024			
81		Fixture Fitting.	Keep 2024 UPC	Fixture Fitting. A device that controls and guides the flow of water.	Fixture Fitting. A device that controls and guides the flow of water.	TRUE	1/3/2024			
82		Fixture Unit.	Keep 2024 UPC	Fixture Unit. A quantity in terms of which the load-producing effects on the plumbing system of different kinds of plumbing fixtures are expressed on some arbitrarily chosen scale.	Fixture Unit. A quantity in terms of which the load-producing effects on the plumbing system of different kinds of plumbing fixtures are expressed on some arbitrarily chosen scale.	TRUE	1/3/2024			
83		Flammable Vapor or Fumes.	Keep 2024 UPC	Flammable Vapor or Fumes. The concentration of flammable constituents in the air that exceeds 25 percent of its lower flammability limit (LFL).	Flammable Vapor or Fumes. The concentration of flammable constituents in the air that exceeds 25 percent of its lower flammability limit (LFL).	TRUE	1/3/2024			
84		Flood Hazard Area	Keep 2024 UPC	Flood Hazard Area. The greater of the following two areas: (1) The area within a floodplain subject to a 1 percent or greater chance of flooding in any given year. (2) The area designated as a flood hazard area on a community's flood hazard map, or otherwise legally designated.	Flood Hazard Area. The greater of the following two areas: (1) The area within a floodplain subject to a 1 percent or greater chance of flooding in any given year. (2) The area designated as a flood hazard area on a community's flood hazard map, or otherwise legally designated.	TRUE	1/3/2024			
85		Flood Level.	Keep 2024 UPC	Flood Level. See Flooded.	Flood Level. See Flooded.	TRUE	1/3/2024			
86	208	Flood Level Rim	Keep 2024 UPC	Flood-Level Rim. The top edge of a receptor or fixture from which water overflows.	Flood-Level Rim. The top edge of a receptor or fixture from which water overflows.	TRUE	1/3/2024			
87		Flooded.	Keep 2024 UPC	Flooded. A fixture is flooded where the liquid therein rises to the flood-level rim.	Flooded. A fixture is flooded where the liquid therein rises to the flood-level rim.	TRUE	1/3/2024			
88		Flush Tank.	Keep 2024 UPC	Flush Tank. A tank located above or integral with water closets, urinals, or similar fixtures for the purpose of flushing the usable portion of the fixture.	Flush Tank. A tank located above or integral with water closets, urinals, or similar fixtures for the purpose of flushing the usable portion of the fixture.	TRUE	1/3/2024			
89		Flush Valve.	Keep 2024 UPC	Flush Valve. A valve located at the bottom of a tank for flushing water closets and similar fixtures.	Flush Valve. A valve located at the bottom of a tank for flushing water closets and similar fixtures.	TRUE	1/3/2024			
90		Flushometer Tank.	Keep 2024 UPC	Flushometer Tank. A tank integrated within an air accumulator vessel that is designed to discharge a predetermined quantity of water to fixtures for flushing purposes.	Flushometer Tank. A tank integrated within an air accumulator vessel that is designed to discharge a predetermined quantity of water to fixtures for flushing purposes.	TRUE	1/3/2024			
91		Flushometer Valve.	Keep 2024 UPC	Flushometer Valve. A valve that discharges a predetermined quantity of water to fixtures for flushing purposes and is actuated by direct water pressure.	Flushometer Valve. A valve that discharges a predetermined quantity of water to fixtures for flushing purposes and is actuated by direct water pressure.	TRUE	1/3/2024			
92		FOG Disposal System.	Keep 2024 UPC	FOG Disposal System. A grease interceptor that reduces nonpetroleum fats, oils, and grease (FOG) in the effluent by separation, mass, and volume reduction.	FOG Disposal System. A grease interceptor that reduces nonpetroleum fats, oils, and grease (FOG) in the effluent by separation, mass, and volume reduction.	TRUE	1/3/2024			
93	209					TRUE	1/3/2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board										
Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committte review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
94	209	Gang or Group Shower.	Keep 2024 UPC	Gang or Group Shower. Two or more showers in a commonarea.	Gang or Group Shower. Two or more showers in a commonarea.	TRUE	1/3/2024			
95		Grade.	Keep 2024 UPC	Grade. The slope or fall of a line of pipe in reference to ahorizontal plane. In drainage, it is usually expressed as thefall in a fraction of an inch (mm) or percentage slope per foot(meter) length of pipe.	Grade. The slope or fall of a line of pipe in reference to ahorizontal plane. In drainage, it is usually expressed as thefall in a fraction of an inch (mm) or percentage slope per foot(meter) length of pipe.	TRUE	1/3/2024			
96		Gravity Grease Interceptor.	Keep 2024 UPC	Gravity Grease Interceptor. A plumbing appurtenance orappliance that is installed in a sanitary drainage system tointercept nonpetroleum fats, oils, and greases (FOG) from awastewater discharge and is identified by volume, 30 minuteretention time, baffle(s), not less than two compartments, atotal volume of not less than 300 gallons (1135 L), and gravityseparation. [These interceptors comply with the requirementsof Chapter 10 or are designed by a registered designprofessional.] Gravity grease interceptors are generallyinstalled outside.	Gravity Grease Interceptor. A plumbing appurtenance orappliance that is installed in a sanitary drainage system tointercept nonpetroleum fats, oils, and greases (FOG) from awastewater discharge and is identified by volume, 30 minuteretention time, baffle(s), not less than two compartments, atotal volume of not less than 300 gallons (1135 L), and gravityseparation. [These interceptors comply with the requirementsof Chapter 10 or are designed by a registered designprofessional.] Gravity grease interceptors are generallyinstalled outside.	TRUE	1/3/2024			
97		Gray Water.	Keep 2024 UPC	Gray Water. Untreated wastewater that has not come intocontact with toilet waste, kitchen sink waste, dishwasherwaste or similarly contaminated sources. Gray water includeswastewater from bathtubs, showers, lavatories, clothes washers,and laundry sinks. Also, known as grey water, graywater,and greywater.	Gray Water. Untreated wastewater that has not come intocontact with toilet waste, kitchen sink waste, dishwasherwaste or similarly contaminated sources. Gray water includeswastewater from bathtubs, showers, lavatories, clothes washers,and laundry sinks. Also, known as grey water, graywater,and greywater.	TRUE	1/3/2024			
98		Grease Interceptor.	Keep 2024 UPC	Grease Interceptor. A plumbing appurtenance or appliance that is installed in a sanitary drainage system to interceptnonpetroleum fats, oil, and greases (FOG) from awastewater discharge.	Grease Interceptor. A plumbing appurtenance or appliance that is installed in a sanitary drainage system to interceptnonpetroleum fats, oil, and greases (FOG) from awastewater discharge.	TRUE	1/3/2024			
99		Hangers.	Keep 2024 UPC	Hangers. See Supports.		FALSE	1/3/2024			
100		High Hazard.	Keep 2024 UPC	High Hazard. See Contamination.	High Hazard. See Contamination.	TRUE	1/3/2024			
101		Horizontal Branch.	Keep 2024 UPC	Horizontal Branch. A drainpipe extending laterally fromsoil or waste stack or building drain with or without verticalsections or branches, which receives the discharge from oneor more fixture drains and conducts it to the soil or wastestack or the building drain.	Horizontal Branch. A drainpipe extending laterally fromsoil or waste stack or building drain with or without verticalsections or branches, which receives the discharge from oneor more fixture drains and conducts it to the soil or wastestack or the building drain.	TRUE	1/3/2024			
102		Horizontal Pipe.	Keep 2024 UPC	Horizontal Pipe. A pipe or fitting that is installed in a horizontalposition or which makes an angle of less than 45degrees (0.79 rad) with the horizontal.	Horizontal Pipe. A pipe or fitting that is installed in a horizontalposition or which makes an angle of less than 45degrees (0.79 rad) with the horizontal.	TRUE	1/3/2024			
103		Hot Water.	Keep 2024 UPC	Hot Water. Water at a temperature exceeding or equal to120°F (49°C).	Hot Water. Water at a temperature exceeding or equal to120°F (49°C).	TRUE	1/3/2024			
104		House Drain.	Keep 2024 UPC	House Drain. See Building Drain.	House Drain. See Building Drain.	TRUE	1/3/2024			
105		House Sewer.	Keep 2024 UPC	House Sewer. See Building Sewer.	House Sewer. See Building Sewer.	TRUE	1/3/2024			
106	211					TRUE	1/3/2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committee review	Date of Committee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
107		Indirect-Fired Water Heater.	Keep 2024 UPC	Indirect-Fired Water Heater. A water heater consisting of a storage tank equipped with an internal or external heat exchanger used to transfer heat from an external source to heat potable water. The storage tank either contains heated potable water or water supplied from an external source, such as a boiler.	Indirect-Fired Water Heater. A water heater consisting of a storage tank equipped with an internal or external heat exchanger used to transfer heat from an external source to heat potable water. The storage tank either contains heated potable water or water supplied from an external source, such as a boiler.	TRUE	1/3/2024			
108		Indirect Waste Pipe	Keep 2024 UPC	Indirect Waste Pipe. A pipe that does not connect directly to the drainage system but conveys liquid wastes by discharging into a plumbing fixture, interceptor, or receptacle that is directly connected to the drainage system.	Indirect Waste Pipe. A pipe that does not connect directly to the drainage system but conveys liquid wastes by discharging into a plumbing fixture, interceptor, or receptacle that is directly connected to the drainage system.	TRUE	1/3/2024			
109		Individual Vent.	Keep 2024 UPC	Individual Vent. A pipe installed to vent a fixture trap, and that connects with the vent system above the fixture served or terminates in the open air.	Individual Vent. A pipe installed to vent a fixture trap, and that connects with the vent system above the fixture served or terminates in the open air.	TRUE	1/3/2024			
110		Industrial Waste.	Keep 2024 UPC	Industrial Waste. Liquid or water-borne waste from industrial or commercial processes, except domestic sewage.	Industrial Waste. Liquid or water-borne waste from industrial or commercial processes, except domestic sewage.	TRUE	1/3/2024			
111		Insanitary.	Keep 2024 UPC	Insanitary. A condition that is contrary to sanitary principles or is injurious to health. Conditions to which “insanitary” shall apply include the following:	Insanitary. A condition that is contrary to sanitary principles or is injurious to health. Conditions to which “insanitary” shall apply include the following:	TRUE	1/3/2024			
112			Keep 2024 UPC	(1) A trap that does not maintain a proper trap seal.	(1) A trap that does not maintain a proper trap seal.	TRUE	1/3/2024			
113			Keep 2024 UPC	(2) An opening in a drainage system, except where lawful that is not provided with an approved liquid-sealed trap.	(2) An opening in a drainage system, except where lawful that is not provided with an approved liquid-sealed trap.	TRUE	1/3/2024			
114			Keep 2024 UPC	(3) A plumbing fixture or other waste discharging receptor or device that is not supplied with water sufficient to flush and maintain the fixture or receptor in a clean condition.	(3) A plumbing fixture or other waste discharging receptor or device that is not supplied with water sufficient to flush and maintain the fixture or receptor in a clean condition.	TRUE	1/3/2024			
115			Keep 2024 UPC	(4) A defective fixture, trap, pipe, or fitting.	(4) A defective fixture, trap, pipe, or fitting.	TRUE	1/3/2024			
116			Keep 2024 UPC	(5) A trap, except where in this code exempted, directly connected to a drainage system, the seal of which is not protected against siphonage and backpressure by a vent pipe.	(5) A trap, except where in this code exempted, directly connected to a drainage system, the seal of which is not protected against siphonage and backpressure by a vent pipe.	TRUE	1/3/2024			
117			Keep 2024 UPC	(6) A connection, cross-connection, construction, or condition, temporary or permanent that would permit or make possible by any means whatsoever for an unapproved foreign matter to enter a water distribution system used for domestic purposes.	(6) A connection, cross-connection, construction, or condition, temporary or permanent that would permit or make possible by any means whatsoever for an unapproved foreign matter to enter a water distribution system used for domestic purposes.	TRUE	1/3/2024			
118			Keep 2024 UPC	(7) The preceding enumeration of conditions to which the term “insanitary” shall apply, shall not preclude the application of that term to conditions that are, in fact, insanitary.	(7) The preceding enumeration of conditions to which the term “insanitary” shall apply, shall not preclude the application of that term to conditions that are, in fact, insanitary.	TRUE	1/3/2024			
119		Interceptor (Clarifier).	Keep 2024 UPC	Interceptor (Clarifier). A device designed and installed to separate and retain deleterious, hazardous, or undesirable matter from normal wastes and permit normal sewage or liquid wastes to discharge into the disposal terminal by gravity.	Interceptor (Clarifier). A device designed and installed to separate and retain deleterious, hazardous, or undesirable matter from normal wastes and permit normal sewage or liquid wastes to discharge into the disposal terminal by gravity.	TRUE	1/3/2024			
120		Invert.	Keep 2024 UPC	Invert. The lowest portion of the inside of a horizontal pipe.	Invert. The lowest portion of the inside of a horizontal pipe.	TRUE	1/3/2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committte review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
121						TRUE	1/3/2024			
122		Joint, Brazed.	Keep 2024 UPC	Joint, Brazed. A joint obtained by joining of metal partswith alloys that melt at temperatures exceeding 840°F(449°C), but less than the melting temperature of the parts tobe joined.	Joint, Brazed. A joint obtained by joining of metal partswith alloys that melt at temperatures exceeding 840°F(449°C), but less than the melting temperature of the parts tobe joined.	TRUE	1/3/2024			
123		Joint, Compression.	Keep 2024 UPC	Joint, Compression. A multipiece joint with cup-shapedthreaded nuts that, when tightened, compress tapered sleeveesso that they form a tight joint on the periphery of the tubingthey connect.	Joint, Compression. A multipiece joint with cup-shapedthreaded nuts that, when tightened, compress tapered sleeveesso that they form a tight joint on the periphery of the tubingthey connect.	TRUE	1/3/2024			
124		Joint, Flanged.	Keep 2024 UPC	Joint, Flanged. One made by bolting together a pair offlanged ends.	Joint, Flanged. One made by bolting together a pair offlanged ends.	TRUE	1/3/2024			
125		Joint, Flared.	Keep 2024 UPC	Joint, Flared. A metal-to-metal compression joint in whicha conical spread is made on the end of a tube that is compressedby a flare nut against a mating flare.	Joint, Flared. A metal-to-metal compression joint in whicha conical spread is made on the end of a tube that is compressedby a flare nut against a mating flare.	TRUE	1/3/2024			
126		Joint, Mechanical	Keep 2024 UPC	Joint, Mechanical. The general form for gas-tight or liquidtightjoints obtained by the joining of parts through a positiveholding mechanical construction.	Joint, Mechanical. The general form for gas-tight or liquidtightjoints obtained by the joining of parts through a positiveholding mechanical construction.	TRUE	1/3/2024			
127		Joint, Press-Connect.	Keep 2024 UPC	Joint, Press-Connect. A permanent mechanical jointincorporating an elastomeric seal or an elastomeric seal andcorrosion resistant grip ring. The joint is made with a pressingtool and jaw or ring that complies with the manufacturer’sinstallation instructions.	Joint, Press-Connect. A permanent mechanical jointincorporating an elastomeric seal or an elastomeric seal andcorrosion resistant grip ring. The joint is made with a pressingtool and jaw or ring that complies with the manufacturer’sinstallation instructions.	TRUE	1/3/2024			
128		Joint, Soldered.	Keep 2024 UPC	Joint, Soldered. A joint obtained by the joining of metalparts with metallic mixtures or alloys that melt at a temperatureup to and including 840°F (449°C).	Joint, Soldered. A joint obtained by the joining of metalparts with metallic mixtures or alloys that melt at a temperatureup to and including 840°F (449°C).	TRUE	1/3/2024			
129		Joint, Welded.	Keep 2024 UPC	Joint, Welded. A gastight joint obtained by the joining of metal parts in the plastic molten state.	Joint, Welded. A gastight joint obtained by the joining of metal parts in the plastic molten state.	TRUE	1/3/2024			
130		Labeled.	Keep 2024 UPC	Labeled. Equipment or materials bearing a label of a listingagency (accredited conformity assessment body). See Listed(third-party certified).	Labeled. Equipment or materials bearing a label of a listingagency (accredited conformity assessment body). See Listed(third-party certified).	TRUE	1/3/2024			
131		Lavatories in Sets.	Keep 2024 UPC	Lavatories in Sets. Two or three lavatories that are served by one trap.	Lavatories in Sets. Two or three lavatories that are served by one trap.	TRUE	1/3/2024			
132		Leader.	Keep 2024 UPC	Leader. An exterior vertical drainage pipe for conveyingstorm water from roof or gutter drains. See Downspout.	Leader. An exterior vertical drainage pipe for conveyingstorm water from roof or gutter drains. See Downspout.	TRUE	1/3/2024			
133		Liquid Waste.	Keep 2024 UPC	Liquid Waste. The discharge from a fixture, appliance, orappurtenance in connection with a plumbing system that doesnot receive fecal matter.	Liquid Waste. The discharge from a fixture, appliance, orappurtenance in connection with a plumbing system that doesnot receive fecal matter.	TRUE	1/3/2024			
134		Listed (Third-party certified).	Keep 2024 UPC	Listed (Third-Party Certified). Equipment or materialsincluded in a list published by a listing agency (accreditedconformity assessment body) that maintains periodic inspectionof current production of listed equipment or materialsand whose listing states either that the equipment or materialcomplies with approved standards or has been tested andfound suitable for use in a specified manner.	Listed (Third-Party Certified). Equipment or materialsincluded in a list published by a listing agency (accreditedconformity assessment body) that maintains periodic inspectionof current production of listed equipment or materialsand whose listing states either that the equipment or materialcomplies with approved standards or has been tested andfound suitable for use in a specified manner.	TRUE	1/3/2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committee review	Date of Committee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
135		Listing Agency.	Keep 2024 UPC	Listing Agency. An agency accredited by an independentand authoritative conformity assessment body to operate amaterial and product listing and labeling (certification) systemand that are accepted by the Authority Having Jurisdiction,which is in the business of listing or labeling. The systemincludes initial and ongoing product testing, a periodic inspectionon current production of listed (certified) products, andthat makes available a published report of such listing inwhich specific information is included that the material orproduct is in accordance with applicable standards and foundsafe for use in a specific manner.	Listing Agency. An agency accredited by an independentand authoritative conformity assessment body to operate amaterial and product listing and labeling (certification) systemand that are accepted by the Authority Having Jurisdiction,which is in the business of listing or labeling. The systemincludes initial and ongoing product testing, a periodic inspectionon current production of listed (certified) products, andthat makes available a published report of such listing inwhich specific information is included that the material orproduct is in accordance with applicable standards and foundsafe for use in a specific manner.	TRUE	1/3/2024			
136		Lot.	Keep 2024 UPC	Lot. A single or individual parcel or area of land legallyrecorded or validated by other means acceptable to the AuthorityHaving Jurisdiction on which is situated a building orwhich is the site of any work regulated by this code, togetherwith the yards, courts, and unoccupied spaces legally requiredfor the building or works, and that is owned by or is in the lawfulpossession of the owner of the building or works.	Lot. A single or individual parcel or area of land legallyrecorded or validated by other means acceptable to the AuthorityHaving Jurisdiction on which is situated a building orwhich is the site of any work regulated by this code, togetherwith the yards, courts, and unoccupied spaces legally requiredfor the building or works, and that is owned by or is in the lawfulpossession of the owner of the building or works.	TRUE	1/3/2024			
137		Low Hazard.	Keep 2024 UPC	Low Hazard. See Pollution.	Low Hazard. See Pollution.	TRUE	1/3/2024			
138	215					TRUE	1/3/2024			
139		Macerating Toilet System	Keep 2024 UPC	Macerating Toilet System. A system comprised of a sumpwith macerating pump and with connections for a water closetand other plumbing fixtures, which is designed to accept,grind and pump wastes to an approved point of discharge.	Macerating Toilet System. A system comprised of a sumpwith macerating pump and with connections for a water closetand other plumbing fixtures, which is designed to accept,grind and pump wastes to an approved point of discharge.	TRUE	1/3/2024			
140		Main.	Keep 2024 UPC	Main. The principal artery of a system of continuous pipingto which branches may be connected.	Main. The principal artery of a system of continuous pipingto which branches may be connected.	TRUE	1/3/2024			
141			Keep 2024 UPC	Main Sewer. See Public Sewer.	Main Sewer. See Public Sewer.	TRUE	1/3/2024			
142			Keep 2024 UPC	Main Vent. The principal artery of the venting system towhich vent branches may be connected.	Main Vent. The principal artery of the venting system towhich vent branches may be connected.	TRUE	1/3/2024			
143			Keep 2024 UPC	May. A permissive term.	May. A permissive term.	TRUE	1/3/2024			
144		Mobile Home Park Sewer.	Keep 2024 UPC	Mobile Home Park Sewer. That part of the horizontal pipingof a drainage system that begins 2 feet (610 mm) downstreamfrom the last mobile home site and conveys it to apublic sewer, private sewer, private sewage disposal system,or other point of disposal.	Mobile Home Park Sewer. That part of the horizontal pipingof a drainage system that begins 2 feet (610 mm) downstreamfrom the last mobile home site and conveys it to apublic sewer, private sewer, private sewage disposal system,or other point of disposal.	TRUE	1/3/2024			
145			Keep 2024 UPC	Nuisance. Includes, but is not limited to: (1) A public nuisance known at common law or in equityjurisprudence. (2) Where work regulated by this code is dangerous tohuman life or is detrimental to health and property. 3) Inadequate or unsafe water supply or sewage disposalsystem.	Nuisance. Includes, but is not limited to: (1) A public nuisance known at common law or in equityjurisprudence. (2) Where work regulated by this code is dangerous tohuman life or is detrimental to health and property. 3) Inadequate or unsafe water supply or sewage disposalsystem.	TRUE	1/3/2024			
146	217	Nuisance				TRUE	1/3/2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committee review	Date of Committee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
147		Offset.	Keep 2024 UPC	Offset. A combination of elbows or bends in a line of pipingthat brings one section of the pipe out of line but into a lineparallel with the other section.	Offset. A combination of elbows or bends in a line of pipingthat brings one section of the pipe out of line but into a lineparallel with the other section.	TRUE	1/3/2024			
148		Oil Interceptor.	Keep 2024 UPC	Oil Interceptor. See Interceptor (Clarifier).	Oil Interceptor. See Interceptor (Clarifier).	TRUE	1/3/2024			
149		On-Site Treated Nonpotable Water	Keep 2024 UPC	On-Site Treated Nonpotable Water. Nonpotable water,including gray water that has been collected, treated, and intended to be used on-site and is suitable for direct beneficial use.	On-Site Treated Nonpotable Water. Nonpotable water, including gray water that has been collected, treated, and intended to be used on-site and is suitable for direct beneficia luse.	FALSE	1/3/2024			
150		PB.	Keep 2024 UPC	PB. Polybutylene.	PB. Polybutylene.	TRUE	1/3/2024			
151		PE.	Keep 2024 UPC	PE. Polyethylene.	PE. Polyethylene.	TRUE	1/3/2024			
152		PE-AL-PE.	Keep 2024 UPC	PE-AL-PE. Polyethylene-aluminum-polyethylene.	PE-AL-PE. Polyethylene-aluminum-polyethylene.	TRUE	1/3/2024			
153		PE-RT.	Keep 2024 UPC	PE-RT. Polyethylene of raised temperature.	PE-RT. Polyethylene of raised temperature.	TRUE	1/3/2024			
154						TRUE	1/3/2024			
155		Person.	Keep 2024 UPC	Person. A natural person, his heirs, executor, administrators,or assigns and shall also include a firm, corporation,municipal or quasi-municipal corporation, or governmentalagency. The singular includes the plural, male includesfemale.	Person. A natural person, his heirs, executor, administrators,or assigns and shall also include a firm, corporation,municipal or quasi-municipal corporation, or governmentalagency. The singular includes the plural, male includesfemale.	TRUE	1/3/2024			
156		PEX.	Keep 2024 UPC	PEX. Cross-linked polyethylene.	PEX. Cross-linked polyethylene.	TRUE	1/3/2024			
157		PEX-AL-PEX	Keep 2024 UPC	PEX-AL-PEX. Cross-linked polyethylene–aluminum-crosslinkedpolyethylene.	PEX-AL-PEX. Cross-linked polyethylene–aluminum-crosslinkedpolyethylene.	TRUE	1/3/2024			
158		Pipe.	Keep 2024 UPC	Pipe. A cylindrical conduit or conductor is conforming tothe dimensions commonly known as “pipe size.”	Pipe. A cylindrical conduit or conductor is conforming tothe dimensions commonly known as “pipe size.”	TRUE	1/3/2024			
159		Plumbing	Keep 2024 UPC	Plumbing. The business, trade, or work having to do withthe installation, removal, alteration, or repair of plumbing systemsor parts thereof.	Plumbing. The business, trade, or work having to do withthe installation, removal, alteration, or repair of plumbing systemsor parts thereof.	TRUE	1/3/2024			
160		Plumbing Appliance.	Keep 2024 UPC	Plumbing Appliance. A special class of device or equipmentthat is intended to perform a special plumbing function.Its operation, control, or both may be dependent upon one ormore energized components, such as motors, controls, heating elements, or pressure- or temperature-sensing elements.Such device or equipment may operate automatically throughone or more of the following actions: a time cycle, a temperature range, a pressure range, a measured volume or weight;or the device or equipment may be manually adjusted or controlledby the user or operator.	Plumbing Appliance. A special class of device or equipmentthat is intended to perform a special plumbing function.Its operation, control, or both may be dependent upon one ormore energized components, such as motors, controls, heating elements, or pressure- or temperature-sensing elements.Such device or equipment may operate automatically throughone or more of the following actions: a time cycle, a temperature range, a pressure range, a measured volume or weight;or the device or equipment may be manually adjusted or controlledby the user or operator.	TRUE	1/3/2024			
161		Plumbing Appurtenance.	Keep 2024 UPC	Plumbing Appurtenance. A manufactured device, a prefabricatedassembly, or an on-the-job assembly of componentparts that is an adjunct to the basic piping system and plumbingfixtures. An appurtenance demands no additional watersupply, nor does it add a discharge load to a fixture or thedrainage system. It performs some useful function in the operation,maintenance, servicing, economy, or safety of theplumbing system.	Plumbing Appurtenance. A manufactured device, a prefabricatedassembly, or an on-the-job assembly of componentparts that is an adjunct to the basic piping system and plumbingfixtures. An appurtenance demands no additional watersupply, nor does it add a discharge load to a fixture or thedrainage system. It performs some useful function in the operation,maintenance, servicing, economy, or safety of theplumbing system.	TRUE	1/3/2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committee review	Date of Committee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
162		Plumbing Fixture.	Keep 2024 UPC	Plumbing Fixture. An approved type installed receptacle,device or appliance that is supplied with water or that receivesliquid or liquid-borne wastes and discharges such wastes intothe drainage system to which it may be directly or indirectlyconnected. Industrial or commercial tanks, vats, and similarprocessing equipment are not plumbing fixtures, but may beconnected to or discharged into approved traps or plumbingfixtures where and as otherwise provided for elsewhere in thiscode.	Plumbing Fixture. An approved type installed receptacle,device or appliance that is supplied with water or that receivesliquid or liquid-borne wastes and discharges such wastes intothe drainage system to which it may be directly or indirectlyconnected. Industrial or commercial tanks, vats, and similarprocessing equipment are not plumbing fixtures, but may beconnected to or discharged into approved traps or plumbingfixtures where and as otherwise provided for elsewhere in thiscode.	TRUE	1/3/2024			
163		Plumbing Official.	Keep 2024 UPC	Plumbing Official. See Authority Having Jurisdiction.	Plumbing Official. See Authority Having Jurisdiction.	TRUE	1/3/2024			
164		Plumbing Vent.	Keep 2024 UPC	Plumbing Vent. A pipe provided to ventilate a plumbingsystem, to prevent trap siphonage and backpressure, or toequalize the air pressure within the drainage system.	Plumbing Vent. A pipe provided to ventilate a plumbingsystem, to prevent trap siphonage and backpressure, or toequalize the air pressure within the drainage system.	TRUE	1/3/2024			
165		Plumbing Vent System.	Keep 2024 UPC	Plumbing Vent System. A pipe or pipes installed to providea flow of air to or from a drainage system or to providea circulation of air within such system to protect trap sealsfrom siphonage and backpressure.	Plumbing Vent System. A pipe or pipes installed to providea flow of air to or from a drainage system or to providea circulation of air within such system to protect trap sealsfrom siphonage and backpressure.	TRUE	1/3/2024			
166		Pollution.	Keep 2024 UPC	Pollution. An impairment of the quality of the potable waterto the degree that does not create a hazard to the public healthbut which does adversely and unreasonably affect the aestheticqualities of such potable water for domestic use. Also,defined as “Low Hazard.”	Pollution. An impairment of the quality of the potable waterto the degree that does not create a hazard to the public healthbut which does adversely and unreasonably affect the aestheticqualities of such potable water for domestic use. Also,defined as “Low Hazard.”	TRUE	1/3/2024			
167		Pressure.	Keep 2024 UPC	Pressure. The normal force exerted by a homogeneous liquidor gas, per unit of area, on the wall of the container.	Pressure. The normal force exerted by a homogeneous liquidor gas, per unit of area, on the wall of the container.	TRUE	1/3/2024			
168		Residual Pressure.	Keep 2024 UPC	Residual Pressure. The pressure available at the fixtureor water outlet after allowance is made for pressuredrop due to friction loss, head, meter, and other losses inthe system during maximum demand periods.	Residual Pressure. The pressure available at the fixtureor water outlet after allowance is made for pressuredrop due to friction loss, head, meter, and other losses inthe system during maximum demand periods.	TRUE	1/3/2024			
169		Static Pressure.	Keep 2024 UPC	Static Pressure. The pressure is existing without anyflow.	Static Pressure. The pressure is existing without anyflow.	TRUE	1/3/2024			
170		Pressure-Balancing Valve.	Keep 2024 UPC	Pressure-Balancing Valve. A mixing valve that sensesincoming hot and cold water pressures and compensates forfluctuations in either to stabilize outlet temperature.	Pressure-Balancing Valve. A mixing valve that sensesincoming hot and cold water pressures and compensates forfluctuations in either to stabilize outlet temperature.	TRUE	1/3/2024			
171		Pressure-Lock-Type Connection.	Keep 2024 UPC	Pressure-Lock-Type Connection. A mechanical connectionthat depends on an internal retention device to preventpipe or tubing separation. The connection is made byinserting the pipe or tubing into the fitting to a prescribed depth.	Pressure-Lock-Type Connection. A mechanical connectionthat depends on an internal retention device to preventpipe or tubing separation. The connection is made byinserting the pipe or tubing into the fitting to a prescribed depth.	TRUE	1/3/2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committte review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
172		Private or Private Use.	Keep 2024 UPC	Private or Private Use. Applies to plumbing fixtures inresidences and apartments, to private bathrooms in hotels,hospitals, and health care facilities, and to restrooms in commercial establishments where the fixtures are intended for theuse of a family or an individual.	Private or Private Use. Applies to plumbing fixtures inresidences and apartments, to private bathrooms in hotels,hospitals, and health care facilities, and to restrooms in commercial establishments where the fixtures are intended for theuse of a family or an individual.	TRUE	1/3/2024			
173		Private Sewer	Keep 2024 UPC	Private Sewer. A building sewer that receives the dischargefrom more than one building drain and conveys it to a publicsewer, private sewage disposal system, or another point ofdisposal.	Private Sewer. A building sewer that receives the dischargefrom more than one building drain and conveys it to a publicsewer, private sewage disposal system, or another point ofdisposal.	TRUE	1/3/2024			
174		Public or Public Use.	Keep 2024 UPC	Public or Public Use. Applies to plumbing fixtures thatare not defined as private or private use.	Public or Public Use. Applies to plumbing fixtures thatare not defined as private or private use.	TRUE	1/3/2024			
175		Public Sewer.	Keep 2024 UPC	Public Sewer. A common sewer directly controlled by publicauthority.	Public Sewer. A common sewer directly controlled by publicauthority.	TRUE	1/3/2024			
176	218	Push Fit Fitting	Keep 2024 UPC	Push Fit Fitting. A mechanical fitting where the connectionis assembled by pushing the tube or pipe into the fittingand is sealed with an o-ring.	Push Fit Fitting. A mechanical fitting where the connectionis assembled by pushing the tube or pipe into the fittingand is sealed with an o-ring.	TRUE	1/3/2024			
177	218	PVC	Keep 2024 UPC	PVC. Polyvinyl Chloride.	PVC. Polyvinyl Chloride.	TRUE	1/3/2024			
178	218	PVDF	Keep 2024 UPC	PVDF. Polyvinylidene Fluoride.	PVDF. Polyvinylidene Fluoride.	TRUE	1/3/2024			
179	219					TRUE	1/3/2024			
180	219	Quick Disconnect Device	Keep 2024 UPC	Quick-Disconnect Device. A hand-operated device thatprovides a means for connecting and disconnecting a hose toa water supply, and that is equipped with a means to shut offthe water supply when the device is disconnected.	Quick-Disconnect Device. A hand-operated device thatprovides a means for connecting and disconnecting a hose toa water supply, and that is equipped with a means to shut offthe water supply when the device is disconnected.	TRUE	2.7.2024			
181	220					TRUE	2.7.2024			
182	220	Rain Water	Keep 2024 UPC	Rainwater. Natural precipitation that has not been contaminatedby use.	Rainwater. Natural precipitation that has not been contaminatedby use.	TRUE	2.7.2024			
183	220	Rain water Catchment system	Keep 2024 UPC	Rainwater Catchment System. A system that utilizes theprincipal of collecting, storing, and using rainwater from arooftop or other manmade, aboveground collection surface.Also, known as a rainwater harvesting system.	Rainwater Catchment System. A system that utilizes theprincipal of collecting, storing, and using rainwater from arooftop or other manmade, aboveground collection surface.Also, known as a rainwater harvesting system.	TRUE	2.7.2024			
184	220	Rain water Storage Tank	Keep 2024 UPC	Rainwater Storage Tank. The central component of therainwater catchment system. Also, known as a cistern or rainbarrel.	Rainwater Storage Tank. The central component of therainwater catchment system. Also, known as a cistern or rainbarrel.	TRUE	2.7.2024			
185	220	Receptor	Keep 2024 UPC	Receptor. An approved plumbing fixture or device of suchmaterial, shape, and capacity as to adequately receive the dischargefrom indirect waste pipes, so constructed and locatedas to be readily cleaned.	Receptor. An approved plumbing fixture or device of suchmaterial, shape, and capacity as to adequately receive the dischargefrom indirect waste pipes, so constructed and locatedas to be readily cleaned.	TRUE	2.7.2024			
186	220	Reclaimed Water	Keep 2024 UPC	Reclaimed Water. Nonpotable water provided by awater/wastewater utility that, as a result of tertiary treatmentof domestic wastewater, meets requirements of the publichealth Authority Having Jurisdiction for its intended uses.	Reclaimed Water. Nonpotable water provided by awater/wastewater utility that, as a result of tertiary treatmentof domestic wastewater, meets requirements of the publichealth Authority Having Jurisdiction for its intended uses.	TRUE	2.7.2024			
187	220	Regulating Equipment	Keep 2024 UPC	Regulating Equipment. Includes valves and controls usedin a plumbing system that is required to be accessible or readilyaccessible.	Regulating Equipment. Includes valves and controls usedin a plumbing system that is required to be accessible or readilyaccessible.	TRUE	2.7.2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committee review	Date of Committee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
188	220	Relief Vent	Keep 2024 UPC	Relief Vent. A vent, the primary function of which is to provide circulation of air between drainage and vent systems or to act as an auxiliary vent on a specially designed system.	Relief Vent. A vent, the primary function of which is to provide circulation of air between drainage and vent systems or to act as an auxiliary vent on a specially designed system.	TRUE	2.7.2024			
189	220	Remote Outlet	Keep 2024 UPC	Remote Outlet. Where used for sizing water piping, it is the furthest outlet dimension, measuring from the meter, either the developed length of the cold-water piping or through the water heater to the furthest outlet on the hot-water piping.	Remote Outlet. Where used for sizing water piping, it is the furthest outlet dimension, measuring from the meter, either the developed length of the cold-water piping or through the water heater to the furthest outlet on the hot-water piping.	TRUE	2.7.2024			
190	220	Rim	Keep 2024 UPC	Rim. See Flood-Level Rim.	Rim. See Flood-Level Rim.	TRUE	2.7.2024			
191	220	Riser	Keep 2024 UPC	Riser. A water supply pipe that extends vertically one full story or more to convey water to branches or fixtures.	Riser. A water supply pipe that extends vertically one full story or more to convey water to branches or fixtures.	TRUE	2.7.2024			
192	220	Roof Drain	Keep 2024 UPC	Roof Drain. A drain installed to receive water collecting on the surface of a roof and to discharge it into a leader, downspout, or conductor.	Roof Drain. A drain installed to receive water collecting on the surface of a roof and to discharge it into a leader, downspout, or conductor.	TRUE	2.7.2024			
193	220	Roof Washer	Keep 2024 UPC	Roof Washer. A device or method for removal of sediment and debris from a collection surface by diverting initial rainfall from entry into the cistern(s). Also, known as a first flush device.	Roof Washer. A device or method for removal of sediment and debris from a collection surface by diverting initial rainfall from entry into the cistern(s). Also, known as a first flush device.	TRUE	2.7.2024			
194	220	Rough In	Keep 2024 UPC	Roughing-In. The installation of all parts of the plumbing system that can be completed prior to the installation of fixtures. This includes drainage, water supply, gas piping, vent piping, and the necessary fixture supports.	Roughing-In. The installation of all parts of the plumbing system that can be completed prior to the installation of fixtures. This includes drainage, water supply, gas piping, vent piping, and the necessary fixture supports.	TRUE	2.7.2024			
195	221					TRUE	2.7.2024			
196	221	Sand Interceptor	Keep 2024 UPC	Sand Interceptor. See Interceptor (Clarifier).	Sand Interceptor. See Interceptor (Clarifier).	TRUE	2.7.2024			
197	221	SDR	Keep 2024 UPC	SDR. An abbreviation for “standard dimensional ratio,” which is the specific ratio of the average specified outside diameter to the minimum wall thickness for outside controlled diameter plastic pipe.	SDR. An abbreviation for “standard dimensional ratio,” which is the specific ratio of the average specified outside diameter to the minimum wall thickness for outside controlled diameter plastic pipe.	TRUE	2.7.2024			
198	221	Seam, Welded	Keep 2024 UPC	Seam, Welded. See Joint, Welded.	Seam, Welded. See Joint, Welded.	TRUE	2.7.2024			
199	221	Seepage Pit	Keep 2024 UPC	Seepage Pit. A lined excavation in the ground which receives the discharge of a septic tank so designed as to permit the effluent from the septic tank to seep through its bottom and sides.	Seepage Pit. A lined excavation in the ground which receives the discharge of a septic tank so designed as to permit the effluent from the septic tank to seep through its bottom and sides.	TRUE	2.7.2024			
200	221	Septic Tank	Keep 2024 UPC	Septic Tank. A watertight receptacle that receives the discharge of a drainage system or part thereof, designed and constructed so as to retain solids, digest organic matter through a period of detention, and allow the liquids to discharge into the soil outside of the tank through a system of open joint piping or a seepage pit meeting the requirements of this code.	Septic Tank. A watertight receptacle that receives the discharge of a drainage system or part thereof, designed and constructed so as to retain solids, digest organic matter through a period of detention, and allow the liquids to discharge into the soil outside of the tank through a system of open joint piping or a seepage pit meeting the requirements of this code.	TRUE	2.7.2024			
201	221	Sewage	Keep 2024 UPC	Sewage. Liquid waste containing animal or vegetable matter in suspension or solution and that may include liquids containing chemicals in solution.	Sewage. Liquid waste containing animal or vegetable matter in suspension or solution and that may include liquids containing chemicals in solution.	TRUE	2.7.2024			
202	221	Sewage Ejector	Keep 2024 UPC	Sewage Ejector. A device for lifting sewage by entraining it on a high-velocity jet stream, air, or water.	Sewage Ejector. A device for lifting sewage by entraining it on a high-velocity jet stream, air, or water.	TRUE	2.7.2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committte review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
203	221	Sewage Pump	Keep 2024 UPC	Sewage Pump. A permanently installed mechanical device,other than an ejector, for removing sewage or liquid wastefrom a sump.	Sewage Pump. A permanently installed mechanical device,other than an ejector, for removing sewage or liquid wastefrom a sump.	TRUE	2.7.2024			
204	221	Shall	Keep 2024 UPC	Shall. Indicates a mandatory requirement.	Shall. Indicates a mandatory requirement.	TRUE	2.7.2024			
205	221	Shielded Coupling	Keep 2024 UPC	Shielded Coupling. An approved elastomeric sealing gasketwith an approved outer shield and a tightening mechanism.	Shielded Coupling. An approved elastomeric sealing gasketwith an approved outer shield and a tightening mechanism.	TRUE	2.7.2024			
206	221	Shack Arrestor	Keep 2024 UPC	Shock Arrestor. See Water Hammer Arrestor.	Shock Arrestor. See Water Hammer Arrestor.	TRUE	2.7.2024			
207	221	Should	Keep 2024 UPC	Should. Indicates a recommendation or that which isadvised but not required.	Should. Indicates a recommendation or that which isadvised but not required.	TRUE	2.7.2024			
208	221	Size and type of Tubing	Keep 2024 UPC	Size and Type of Tubing. See Diameter.	Size and Type of Tubing. See Diameter.	TRUE	2.7.2024			
209	221	Slip Joint	Keep 2024 UPC	Slip Joint. An adjustable tubing connection, consisting of acompression nut, a friction ring, and a compression washer,designed to fit a threaded adapter fitting or a standard taperpipe thread.	Slip Joint. An adjustable tubing connection, consisting of acompression nut, a friction ring, and a compression washer,designed to fit a threaded adapter fitting or a standard taperpipe thread.	TRUE	2.7.2024			
210			Keep 2024 UPC	Slope. See Grade.	Slope. See Grade.	TRUE	2.7.2024			
211			Keep 2024 UPC	Soil Pipe. A pipe that conveys the discharge of water closets,urinals, clinical sinks, or fixtures having similar functionsof collection and removal of domestic sewage, with or withoutthe discharge from other fixtures to the building drain orbuiding sewer.	Soil Pipe. A pipe that conveys the discharge of water closets,urinals, clinical sinks, or fixtures having similar functionsof collection and removal of domestic sewage, with or withoutthe discharge from other fixtures to the building drain orbuiding sewer.	TRUE	2.7.2024			
212	221	Special Wastes	Keep 2024 UPC	Special Wastes. Wastes that require some special methodof handling, such as the use of indirect waste piping andreceptors, corrosion-resistant piping, sand, oil or grease interceptors,condensers, or other pretreatment facilities.	Special Wastes. Wastes that require some special methodof handling, such as the use of indirect waste piping andreceptors, corrosion-resistant piping, sand, oil or grease interceptors,condensers, or other pretreatment facilities.	TRUE	2.7.2024			
213	221	Stack	Keep 2024 UPC	Stack. The vertical main of a system of soil, waste, or ventpiping extending through one or more stories.	Stack. The vertical main of a system of soil, waste, or ventpiping extending through one or more stories.	TRUE	2.7.2024			
214	221	Stack Vent	Keep 2024 UPC	Stack Vent. The extension of soil or waste stacks above thehighest horizontal drain connected to the stack.	Stack Vent. The extension of soil or waste stacks above thehighest horizontal drain connected to the stack.	TRUE	2.7.2024			
215	221	Standard	Keep 2024 UPC	Standard. A document, the main text of which contains onlymandatory provisions using the word “shall” to indicaterequirements and which is in a form generally suitable formandatory reference by another standard or code or for adoptioninto law. Nonmandatory provisions shall be located inan appendix, footnote, or fine print note and are not to be considereda part of the requirements of a standard.	Standard. A document, the main text of which contains onlymandatory provisions using the word “shall” to indicaterequirements and which is in a form generally suitable formandatory reference by another standard or code or for adoptioninto law. Nonmandatory provisions shall be located inan appendix, footnote, or fine print note and are not to be considereda part of the requirements of a standard.	TRUE	2.7.2024			
216	221	Sterilizer	Keep 2024 UPC	Sterilizer. A piece of equipment that disinfects instrumentsand equipment by way of heat.	Sterilizer. A piece of equipment that disinfects instrumentsand equipment by way of heat.	TRUE	2.7.2024			
217	221	Strom Drain	Keep 2024 UPC	Storm Drain. See Building Drain (Storm).	Storm Drain. See Building Drain (Storm).	TRUE	2.7.2024			
218	221	Storm Sewer	Keep 2024 UPC	Storm Sewer. A sewer used for conveying rainwater, surfacewater, condensate, cooling water, or similar liquidwastes.	Storm Sewer. A sewer used for conveying rainwater, surfacewater, condensate, cooling water, or similar liquidwastes.	TRUE	2.7.2024			
219	221	Subsoil Drain	Keep 2024 UPC	Subsoil Drain. A drain that collects subsurface or seepagewater and conveys it to a place of disposal.	Subsoil Drain. A drain that collects subsurface or seepagewater and conveys it to a place of disposal.	TRUE	2.7.2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committte review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
220	221	Subsoil Irrigation Field	Keep 2024 UPC	Subsoil Irrigation Field. Gray water irrigation fieldinstalled in a trench within the layer of soil below the topsoil. This system is typically used for irrigation of deep rootedplants.	Subsoil Irrigation Field. Gray water irrigation fieldinstalled in a trench within the layer of soil below the topsoil. This system is typically used for irrigation of deep rootedplants.	TRUE	2.7.2024			
221	221	Surface Irrigation Field	Keep 2024 UPC	Subsurface Irrigation Field. Gray water irrigation fieldinstalled below finished grade within the topsoil.	Subsurface Irrigation Field. Gray water irrigation fieldinstalled below finished grade within the topsoil.	TRUE	2.7.2024			
222	221	Sump	Keep 2024 UPC	Sump. An approved tank or pit that receives sewage or liquidwaste and which is located below the normal grade of thegravity system and which must be emptied by mechanicalmeans.	Sump. An approved tank or pit that receives sewage or liquidwaste and which is located below the normal grade of thegravity system and which must be emptied by mechanicalmeans.	TRUE	2.7.2024			
223	221	Supports	Keep 2024 UPC	Supports. Supports, hangers, and anchors are devices forproperly supporting and securing pipe, fixtures, and equipment.	Supports. Supports, hangers, and anchors are devices forproperly supporting and securing pipe, fixtures, and equipment.	TRUE	2.7.2024			
224	221	Surge Tank	Keep 2024 UPC	Surge Tank. A reservoir to modify the fluctuation in flowrates to allow for uniform distribution of gray water to thepoints of irrigation.	Surge Tank. A reservoir to modify the fluctuation in flowrates to allow for uniform distribution of gray water to thepoints of irrigation.	TRUE	2.7.2024			
225	22					TRUE	2.7.2024			
226	222	TailPiece	Keep 2024 UPC	Tailpiece. The pipe or tubing that connects the outlet of aplumbing fixture to a trap.	Tailpiece. The pipe or tubing that connects the outlet of aplumbing fixture to a trap.	TRUE	2.7.2024			
227	222	Thermostatic (Temperature Control) Valve	Keep 2024 UPC	Thermostatic (Temperature Control) Valve. A mixingvalve that senses outlet temperature and compensates for fluctuationsin incoming hot or cold water temperatures.	Thermostatic (Temperature Control) Valve. A mixingvalve that senses outlet temperature and compensates for fluctuationsin incoming hot or cold water temperatures.	TRUE	2.7.2024			
228	222	Toilet Facility	Keep 2024 UPC	Toilet Facility. A room or space containing not less than onelavatory and one water closet.	Toilet Facility. A room or space containing not less than onelavatory and one water closet.	TRUE	2.7.2024			
229	222	Trap	Keep 2024 UPC	Trap. A fitting or device so designed and constructed as toprovide, where properly vented, a liquid seal that will preventthe back passage of air without materially affecting the flowof sewage or wastewater through it.	Trap. A fitting or device so designed and constructed as toprovide, where properly vented, a liquid seal that will preventthe back passage of air without materially affecting the flowof sewage or wastewater through it.	TRUE	2.7.2024			
230	222	Trap Arm	Keep 2024 UPC	Trap Arm. Those portions of a fixture drain between a trapand the vent.	Trap Arm. Those portions of a fixture drain between a trapand the vent.	TRUE	2.7.2024			
231	222	Trap Primer	Keep 2024 UPC	Trap Primer. A device and system of piping that maintainsa water seal in a remote trap.	Trap Primer. A device and system of piping that maintainsa water seal in a remote trap.	TRUE	2.7.2024			
232	222	Trap Seal	Keep 2024 UPC	Trap Seal. The vertical distance between the crown weir andthe top dip of the trap.	Trap Seal. The vertical distance between the crown weir andthe top dip of the trap.	TRUE	2.7.2024			
233	222	Crown Weir (Trap Weir)	Keep 2024 UPC	Crown Weir (Trap Weir). The lowest point in thecross-section of the horizontal waterway at the exit of thetrap.	Crown Weir (Trap Weir). The lowest point in thecross-section of the horizontal waterway at the exit of thetrap.	TRUE	2.7.2024			
234	222	Top Dip (o the trap)	Keep 2024 UPC	Top Dip (of the trap). The highest point in the internalcross-section of the trap at the lowest part of the bend(inverted siphon). By contrast, the bottom dip is the lowestpoint in the internal cross-section.	Top Dip (of the trap). The highest point in the internalcross-section of the trap at the lowest part of the bend(inverted siphon). By contrast, the bottom dip is the lowestpoint in the internal cross-section.	TRUE	2.7.2024			
235	223	Unsanitary	Keep 2024 UPC	Unsanitary. See Insanitary.	Unsanitary. See Insanitary.	TRUE	2.7.2024			
236		Vacuum	Keep 2024 UPC	Vacuum. A pressure less than that exerted by the atmosphere.	Vacuum. A pressure less than that exerted by the atmosphere.	TRUE	2.7.2024			
237	224	Vacuum Breaker	Keep 2024 UPC	Vacuum Breaker. See Backflow Preventer.	Vacuum Breaker. See Backflow Preventer.	TRUE	2.7.2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committee review	Date of Committee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
238	224	vacuum relief valve	Keep 2024 UPC	Vacuum Relief Valve. A device that prevents excessivevacuum in a pressure vessel.	Vacuum Relief Valve. A device that prevents excessivevacuum in a pressure vessel.	TRUE	2.7.2024			
239	224	Valve, Isolation	Keep 2024 UPC	Valve, Isolation. A valve that isolates one piece of equipmentfrom another.	Valve, Isolation. A valve that isolates one piece of equipmentfrom another.	TRUE	2.7.2024			
240	224	vavle, Pressure Relief	Keep 2024 UPC	Valve, Pressure-Relief. A pressure-actuated valve heldclosed by a spring or other means and designed automaticallyto relieve pressure in excess of its setting.	Valve, Pressure-Relief. A pressure-actuated valve heldclosed by a spring or other means and designed automaticallyto relieve pressure in excess of its setting.	TRUE	2.7.2024			
241	224	vavle, riser	Keep 2024 UPC	Valve, Riser. A valve at the base of a vertical riser that isolatesthat riser.	Valve, Riser. A valve at the base of a vertical riser that isolatesthat riser.	TRUE	2.7.2024			
242	224	Vent	Keep 2024 UPC	Vent. See Plumbing Vent; Dry Vent; Wet Vent.	Vent. See Plumbing Vent; Dry Vent; Wet Vent.	TRUE	2.7.2024			
243	224	Vent Offset	Keep 2024 UPC	Vent Offset. An arrangement of two or more fittings andpipe installed for the purpose of locating a vertical section ofvent pipe in a different but parallel plane with respect to anadjacent section of vertical vent pipe. [NFPA 54:3.3.101]	Vent Offset. An arrangement of two or more fittings andpipe installed for the purpose of locating a vertical section ofthe vent pipe in a different but parallel plane with respect toan adjacent section of a vertical vent pipe. [NFPA 54:3.3.102]	FALSE	2.7.2024			
244	224	Vent Pipe	Keep 2024 UPC	Vent Pipe. See Plumbing Vent.	Vent Pipe. See Plumbing Vent.	TRUE	2.7.2024			
245	224	Vent Stack	Keep 2024 UPC	Vent Stack. The vertical vent pipe installed primarily forthe purpose of providing circulation of air to and from anypart of the drainage system.	Vent Stack. The vertical vent pipe installed primarily forthe purpose of providing circulation of air to and from anypart of the drainage system.	TRUE	2.7.2024			
246	224	Vent System	Keep 2024 UPC	Vent System. See Plumbing Vent System.	Vent System. See Plumbing Vent System.	TRUE	2.7.2024			
247	224	Vented Flow Control Device	Keep 2024 UPC	Vented Flow Control Device. A device installed upstreamfrom the hydromechanical grease interceptor having an orificethat controls the rate of flow through the interceptor, andan air intake (vent) downstream from the orifice, whichallows air to be drawn into the flow stream.	Vented Flow Control Device. A device installed upstreamfrom the hydromechanical grease interceptor having an orificethat controls the rate of flow through the interceptor, andan air intake (vent) downstream from the orifice, whichallows air to be drawn into the flow stream.	TRUE	2.7.2024			
248	224	Verticle Pipe	Keep 2024 UPC	Vertical Pipe. A pipe or fitting that is installed in a verticalposition or that makes an angle of not more than 45 degrees(0.79 rad) with the vertical.	Vertical Pipe. A pipe or fitting that is installed in a verticalposition or that makes an angle of not more than 45 degrees(0.79 rad) with the vertical.	TRUE	2.7.2024			
249	225	Wall Hung Water Closet	Keep 2024 UPC	Wall-Hung Water Closet. A water closet installed in sucha way that no part of the water closet touches the floor.	Wall-Hung Water Closet. A water closet installed in sucha way that no part of the water closet touches the floor.	TRUE	2.7.2024			
250	225	Waste	Keep 2024 UPC	Waste. See Liquid Waste and Industrial Waste.	Waste. See Liquid Waste and Industrial Waste.	TRUE	2.7.2024			
251	225	Waste Pipe	Keep 2024 UPC	Waste Pipe. A pipe that conveys only liquid waste, free offecal matter.	Waste Pipe. A pipe that conveys only liquid waste, free offecal matter.	TRUE	2.7.2024			
252	225	Water Distribution Pipe	Keep 2024 UPC	Water Distribution Pipe. In a building or premises, a pipethat conveys potable water from the building supply pipe tothe plumbing fixtures and other water outlets.	Water Distribution Pipe. In a building or premises, a pipethat conveys potable water from the building supply pipe tothe plumbing fixtures and other water outlets.	TRUE	2.7.2024			
253	225	Water hammer Arrestor	Keep 2024 UPC	Water Hammer Arrestor. A device designed to provideprotection against hydraulic shock in the building water supplysystem.	Water Hammer Arrestor. A device designed to provideprotection against hydraulic shock in the building water supplysystem.	TRUE	2.7.2024			
254	225	Water heater of Hot Water Heating Boiler.	Keep 2024 UPC	Water Heater or Hot Water Heating Boiler. An appliance designed primarily to supply hot water for domestic orcommercial purposes and equipped with automatic controlslimiting water temperature to a maximum of 210°F (99°C).	Water Heater or Hot Water Heating Boiler. An appliance designed primarily to supply hot water for domestic orcommercial purposes and equipped with automatic controlslimiting water temperature to a maximum of 210°F (99°C).	TRUE	2.7.2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 2 (Keep UPC 2024)										
Line#	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714		Date of Committte review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
255	225	Water Main (Street Main)	Keep 2024 UPC	Water Main (Street Main). A water supply pipe for publicor community use.	Water Main (Street Main). A water supply pipe for publicor community use.	TRUE	2.7.2024			
256	225	Water Supply System	Keep 2024 UPC	Water Supply System. The building supply pipe, the waterdistribution pipes, and the necessary connecting pipes, fittings,control valves, backflow prevention devices, and allappurtenances carrying or supplying potable water in or adjacentto the building or premises.	Water Supply System. The building supply pipe, the waterdistribution pipes, and the necessary connecting pipes, fittings,control valves, backflow prevention devices, and allappurtenances carrying or supplying potable water in or adjacentto the building or premises.	TRUE	2.7.2024			
257	225	Water/ Wastewater Utility.	Keep 2024 UPC	Water/Wastewater Utility. A public or private entity whichmay treat, deliver or do both functions to reclaimed (recycled)water, potable water, or both to wholesale or retail customers.	Water/Wastewater Utility. A public or private entity whichmay treat, deliver or do both functions to reclaimed (recycled)water, potable water, or both to wholesale or retail customers.	TRUE	2.7.2024			
258	225	Welder , Pipe	Keep 2024 UPC	Welder, Pipe. A person who specializes in the welding ofpipes and holds a valid certificate of competency from a recognizedtesting laboratory, based on the requirements of theASME Boiler and Pressure Vessels code, Section IX.	Welder, Pipe. A person who specializes in the welding ofpipes and holds a valid certificate of competency from a recognizedtesting laboratory, based on the requirements of theASME Boiler and Pressure Vessels code, Section IX.	TRUE	2.7.2024			
259	225	Wet Vent	Keep 2024 UPC	Wet Vent. A vent that also serves as a drain.	Wet Vent. A vent that also serves as a drain.	TRUE	2.7.2024			
260	225	Whirlpool Bathtub.	Keep 2024 UPC	Whirlpool Bathtub. A bathtub fixture equipped and fittedwith a circulating piping system designed to accept, circulate,and discharge bathtub water upon each use.	Whirlpool Bathtub. A bathtub fixture equipped and fittedwith a circulating piping system designed to accept, circulate,and discharge bathtub water upon each use.	TRUE	2.7.2024			
261	227	Yoke Vent.	Keep 2024 UPC	Yoke Vent. A pipe connecting upward from soil or wastestack to a vent stack to prevent pressure changes in the stacks.	Yoke Vent. A pipe connecting upward from soil or wastestack to a vent stack to prevent pressure changes in the stacks.	TRUE	2.7.2024			

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
1	301.0		301.0 General.	301.0 General.	TRUE	2.7.2024		
2	301.1		301.1 Applicability. This chapter shall govern the general requirements, not specific to other chapters, for the installation of plumbing systems.	301.1 Applicability. This chapter shall govern the general requirements, not specific to other chapters, for the installation of plumbing systems.	TRUE	2.7.2024		
3	301.2	Keep 2024 UPC	301.2 Minimum Standards. Pipe, pipe fittings, traps, fixtures, material, and devices used in a plumbing system shall be listed (third-party certified) by a listing agency (accredited conformity assessment body) as complying with the approved applicable recognized standards referenced in this code, and shall be free from defects. Unless otherwise provided for in this code, materials, fixtures, or devices used or entering into the construction of plumbing systems, or parts thereof shall be submitted to the Authority Having Jurisdiction for approval prior to being installed.	301.2 Minimum Standards. Pipe, pipe fittings, traps, fixtures, material, and devices used in a plumbing system shall be listed (third-party certified) by a listing agency (accredited conformity assessment body) as complying with the approved applicable recognized standards referenced in this code, and shall be free from defects. Unless otherwise provided for in this code, materials, fixtures, or devices used or entering into the construction of plumbing systems, or parts thereof shall be submitted to the Authority Having Jurisdiction for approval.	FALSE	2.7.2024		
4	301.2.1	Keep 2024 UPC	301.2.1 Marking. Each length of pipe and each pipe fitting, trap, fixture, material, and device used in a plumbing system shall have cast, stamped, or indelibly marked on it any markings required by the applicable referenced standards and listing agency, and the manufacturer's mark or name, which shall readily identify the manufacturer to the end user of the product. Where required by the approved standard that applies, the product shall be marked with the weight and the quality of the product. Materials and devices used or entering into the construction of plumbing and drainage systems, or parts thereof shall be marked and identified in a manner satisfactory to the Authority Having Jurisdiction. Such marking shall be done by the manufacturer. Field markings shall not be acceptable. Exception: Markings shall not be required on nipples created from cutting and threading of approved pipe.	301.2.1 Marking. Each length of pipe and each pipe fitting, trap, fixture, material, and device used in a plumbing system shall have cast, stamped, or indelibly marked on it any markings required by the applicable referenced standards and listing agency, and the manufacturer's mark or name, which shall readily identify the manufacturer to the end user of the product. Where required by the approved standard that applies, the product shall be marked with the weight and the quality of the product. Materials and devices used or entering into the construction of plumbing and drainage systems, or parts thereof shall be marked and identified in a manner satisfactory to the Authority Having Jurisdiction. Such marking shall be done by the manufacturer. Field markings shall not be acceptable. Exception: Markings shall not be required on nipples created from cutting and threading of approved pipe.	TRUE	2.7.2024		
5	301.2.2	Keep 2024 UPC	301.2.2 Standards. Standards listed or referred to in this chapter or other chapters cover materials that will conform to the requirements of this code, where 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. A list of plumbing standards that appear in specific sections of this code is referenced in Table 1701.1. Standards referenced in Table 1701.1 shall be applied as indicated in the applicable referenced section. A list of additional approved standards, publications, practices, and guides that are not referenced in specific sections of this code appear in Table 1701.2. An IAPMO Installation Standard is referenced in Appendix I for the convenience of the users of this code. It is not considered as a part of this code unless formally adopted as such by the Authority Having Jurisdiction	301.2.2 Standards. Standards listed or referred to in this chapter or other chapters cover materials that will conform to the requirements of this code, where 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. A list of plumbing standards that appear in specific sections of this code is referenced in Table 1701.1. Standards referenced in Table 1701.1 shall be applied as indicated in the applicable referenced section. A list of additional standards, publications, practices, and guides that are not referenced in specific sections of this code appear in Table 1701.2.The documents indicated in Table 1701.2 shall be permitted in accordance with Section 301.3. An IAPMO Installation Standard is referenced in Appendix I for the convenience of the users of this code. It is not considered as a part of this code unless formally adopted as such by the Authority Having Jurisdiction.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board

Chapter 3 (Keep 2024 UPC)

Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committee review	Date of Committee review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
6	301.2.3	Keep 2024 UPC	301.2.3 Plastic Pipe, Plastic Pipe Fittings, and Components. Plastic pipe, plastic pipe fittings, and components other than those for gas shall comply with NSF/ANSI 14.	301.2.3 Plastic Pipe, Plastic Pipe Fittings, and Components. Plastic pipe, plastic pipe fittings, and components other than those for gas shall comply 14.	FALSE	2.7.2024		
7	301.2.4	Keep 2024 UPC	301.2.4 Cast-Iron Soil Pipe, Fittings, and Hubless Couplings. Cast-iron soil pipe, fittings, and hubless couplings shall be third party certified in accordance with ASTM C1277 and CISPI 310 for couplings and ASTMA888, ASTM A74, and CISPI 301 for pipes and fittings.	301.2.4 Cast-Iron Soil Pipe, Fittings, and Hubless Couplings. Cast-iron soil pipe, fittings, and shall be third party certified in accordance C1277 and CISPI 310 for couplings and ASTMA888, ASTM A74, and CISPI 301 for pipes and fittings.	FALSE	2.7.2024		
8	301.3.1	Keep 2024 UPC	301.3.1 Testing. The Authority Having Jurisdiction shall have the authority to require tests, as proof of equivalency.	301.3.1 Testing. The Authority Having Jurisdiction shall have the authority to require tests, as proof of equivalency.	TRUE	2.7.2024		
9	301.3.1.1	Keep 2024 UPC	301.3.1.1 Tests. Tests shall be made in accordance with approved or applicable standards, by an approved testing agency at the expense of the applicant. In the absence of such standards, the Authority Having Jurisdiction shall have the authority to specify the test procedure.	301.3.1.1 Tests. Tests shall be made in accordance with approved or applicable standards, by an approved testing agency at the expense of the applicant. In the absence of such standards, the Authority Having Jurisdiction shall have the authority to specify the test procedure.	TRUE	2.7.2024		
10	301.3.1.2	Keep 2024 UPC	301.3.1.2 Request by Authority Having Jurisdiction. The Authority Having Jurisdiction shall have the authority to require tests to be made or repeated where there is reason to believe that a material or device no longer is in accordance with the requirements on which its approval was based.	301.3.1.2 Request by Authority Having Jurisdiction. The Authority Having Jurisdiction shall have the authority to require tests to be made or repeated where there is reason to believe that a material or device no longer is in accordance with the requirements on which its approval was based.	TRUE	2.7.2024		
11	301.4	Keep 2024 UPC	301.4 Flood Hazard Areas. Plumbing systems shall be located above the elevation in accordance with the building code for utilities and attendant equipment or the elevation of the lowest floor, whichever is higher.	301.4 Flood Hazard Areas. Plumbing systems shall be located above the elevation in accordance with the building code for utilities and attendant equipment or the elevation of the lowest floor, whichever is higher.	TRUE	2.7.2024		
12			Exception: Plumbing systems shall be permitted to be located below the elevation in accordance with the building code for utilities and attendant equipment or the elevation of the lowest floor, whichever is higher, provided that the systems are designed and installed to prevent water from entering or accumulating within their components, and the systems are constructed to resist hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding to such elevation.	Exception: Plumbing systems shall be permitted to be located below the elevation in accordance with the building code for utilities and attendant equipment or the elevation of the lowest floor, whichever is higher, provided that the systems are designed and installed to prevent water from entering or accumulating within their components, and the systems are constructed to resist hydrostatic and hydrodynamic loads and stresses, including the effects of buoyancy, during the occurrence of flooding to such elevation.	TRUE	2.7.2024		
13	301.4.1	Keep 2024 UPC	301.4.1 Coastal High Hazard Areas. Plumbing systems in buildings located in coastal high hazard areas shall be in accordance with the requirements of Section301.4, and plumbing systems, pipes, and fixtures shall not be mounted on or penetrate through walls that are intended to breakaway under flood loads in accordance with the building code.	301.4.1 Coastal High Hazard Areas. Plumbing systems in buildings located in coastal high hazard areas shall be in accordance with the requirements of Section301.4, and plumbing systems, pipes, and fixtures shall not be mounted on or penetrate through walls that are intended to breakaway under flood loads in accordance with the building code.	TRUE	2.7.2024		
14	301.5	Keep 2024 UPC	301.5 Alternative Engineered Design. An alternative engineered design shall comply with the intent of the provisions of this code and shall provide an equivalent level of quality, strength, effectiveness, fire resistance, durability, and safety. Material, equipment, or components shall be designed and installed in accordance with the manufacturer’s installation instructions.	301.5 Alternative Engineered Design. An alternative engineered design shall comply with the intent of the provisions of this code and shall provide an equivalent level of quality, strength, effectiveness, fire resistance, durability, and safety. Material, equipment, or components shall be designed and installed in accordance with the manufacturer’s installation instructions.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board								
Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
15	301.5.1	Keep 2024 UPC	301.5.1 Permit Application. The registered design professional shall indicate on the design documents that the plumbing system, or parts thereof, is an alternative engineered design so that it is noted on the construction permit application. The permit and permanent permit records shall indicate that an alternative engineered design was part of the approved installation.	301.5.1 Permit Application. The registered design professional shall indicate on the design documents that the plumbing system, or parts thereof, is an alternative engineered design so that it is noted on the construction permit application. The permit and permanent permit records shall indicate that an alternative engineered design was part of the approved installation.	TRUE	2.7.2024		
16	301.5.2	Keep 2024 UPC	301.5.2 Technical Data. The registered design professional shall submit sufficient technical data to substantiate the proposed alternative engineered design and to prove that the performance meets the intent of this code.	301.5.2 Technical Data. The registered design professional shall submit sufficient technical data to substantiate the proposed alternative engineered design and to prove that the performance meets the intent of this code.	TRUE	2.7.2024		
17	301.5.3	Keep 2024 UPC	301.5.3 Design Documents. The registered design professional shall provide two complete sets of signed and sealed design documents for the alternative engineered design for submittal to the Authority Having Jurisdiction. The design documents shall include floorplans and a riser diagram of the work. Where appropriate, the design documents shall indicate the direction of flow, pipe sizes, grade of horizontal piping, loading, and location of fixtures and appliances.	301.5.3 Design Documents. The registered design professional shall provide two complete sets of signed and sealed design documents for the alternative engineered design for submittal to the Authority Having Jurisdiction. The design documents shall include floorplans and a riser diagram of the work. Where appropriate, the design documents shall indicate the direction of flow, pipe sizes, grade of horizontal piping, loading, and location of fixtures and appliances.	TRUE	2.7.2024		
18	301.5.4	Keep 2024 UPC	301.5.4 Design Approval. An approval of an alternative engineered design shall be at the discretion of the Authority Having Jurisdiction. The exercise of this discretionary approval by the Authority Having Jurisdiction shall have no effect beyond the jurisdictional boundaries of said Authority Having Jurisdiction. An alternative engineered design so approved shall not be considered as in accordance with the requirements, intent, or both of this code for a purpose other than that granted by the Authority Having Jurisdiction.	301.5.4 Design Approval. An approval of an alternative engineered design shall be at the discretion of the Authority Having Jurisdiction. The exercise of this discretionary approval by the Authority Having Jurisdiction shall have no effect beyond the jurisdictional boundaries of said Authority Having Jurisdiction. An alternative engineered design so approved shall not be considered as in accordance with the requirements, intent, or both of this code for a purpose other than that granted by the Authority Having Jurisdiction.	TRUE	2.7.2024		
19	301.5.5	Keep 2024 UPC	301.5.5 Design Review. The Authority Having Jurisdiction shall have the authority to require testing of the alternative engineered design in accordance with Section301.3.1, including the authority to require an independent review of the design documents by a registered design professional selected by the Authority Having Jurisdiction and at the expense of the applicant.	301.5.5 Design Review. The Authority Having Jurisdiction shall have the authority to require testing of the alternative engineered design in accordance with Section301.3.1, including the authority to require an independent review of the design documents by a registered design professional selected by the Authority Having Jurisdiction and at the expense of the applicant.	TRUE	2.7.2024		
20	302		302.0 Iron Pipe Size (IPS) Pipe.	302.0 Iron Pipe Size (IPS) Pipe.	TRUE	2.7.2024		
21	302.1	Keep 2024 UPC	302.1 General. Iron, steel, copper, and copper alloy pipe shall be standard-weight iron pipe size (IPS) pipe.	302.1 General. Iron, steel, copper, and copper alloy pipe shall be standard-weight iron pipe size (IPS) pipe.	TRUE	2.7.2024		
22	303		303.0 Disposal of Liquid Waste.	303.0 Disposal of Liquid Waste.	TRUE	2.7.2024		
23	303.1	Keep 2024 UPC	303.1 General. It shall be unlawful for a person to cause, suffer, or permit the disposal of sewage, human excrement, or other liquid wastes, in a place or manner, except through and by means of an approved drainage system, installed and maintained in accordance with the provisions of this code.	303.1 General. It shall be unlawful for a person to cause, suffer, or permit the disposal of sewage, human excrement, or other liquid wastes, in a place or manner, except through and by means of an approved drainage system, installed and maintained in accordance with the provisions of this code.	TRUE	2.7.2024		
24	304		304.0 Connections to Plumbing System Required.	304.0 Connections to Plumbing System Required.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board								
Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
25	304.1	Keep 2024 UPC	304.1 General. Plumbing fixtures, drains, appurtenances, and appliances, used to receive or discharge liquid wastes or sewage, shall be connected properly to the drainage system of the building or premises, in accordance with the requirements of this code.	304.1 General. Plumbing fixtures, drains, appurtenances, and appliances, used to receive or discharge liquid wastes or sewage, shall be connected properly to the drainage system of the building or premises, in accordance with the requirements of this code.	TRUE	2.7.2024		
26	305		305.0 Damage to Drainage System or Public Sewer.	305.0 Damage to Drainage System or Public Sewer.	TRUE	2.7.2024		
27	305.1	Keep 2024 UPC	305.1 Unlawful Practices. It shall be unlawful for a person to deposit, by any means whatsoever, into a plumbing fixture, floor drain, interceptor, sump, receptor, or device, which is connected to a drainage system, public sewer, private sewer, septic tank, or cesspool, any ashes; cinders; solids; rags; inflammable, poisonous, or explosive liquids or gases; oils; grease; or any other thing whatsoever that is capable of causing damage to the drainage system or public sewer.	305.1 Unlawful Practices. It shall be unlawful for a person to deposit, by any means whatsoever, into a plumbing fixture, floor drain, interceptor, sump, receptor, or device, which is connected to a drainage system, public sewer, private sewer, septic tank, or cesspool, any ashes; cinders; solids; rags; inflammable, poisonous, or explosive liquids or gases; oils; grease; or any other thing whatsoever that is capable of causing damage to the drainage system or public sewer.	TRUE	2.7.2024		
28	306		306.0 Industrial Wastes.	306.0 Industrial Wastes.	TRUE	2.7.2024		
29	306.1	Keep 2024 UPC	306.1 Detrimental Wastes. Wastes detrimental to the public sewer system or detrimental to the functioning of the sewage treatment plant shall be treated and disposed of as found necessary and directed by the Authority Having Jurisdiction.	306.1 Detrimental Wastes. Wastes detrimental to the public sewer system or detrimental to the functioning of the sewage treatment plant shall be treated and disposed of as found necessary and directed by the Authority Having Jurisdiction.	TRUE	2.7.2024		
30	306.2	Keep 2024 UPC	306.2 Safe Discharge. Sewage or other waste from a plumbing system that is capable of being deleterious to surface or subsurface waters shall not be discharged into the ground or a waterway unless it has first been rendered safe by some acceptable form of treatment in accordance with the Authority Having Jurisdiction.	306.2 Safe Discharge. Sewage or other waste from a plumbing system that is capable of being deleterious to surface or subsurface waters shall not be discharged into the ground or a waterway unless it has first been rendered safe by some acceptable form of treatment in accordance with the Authority Having Jurisdiction.	TRUE	2.7.2024		
31	307		307.0 Location.	307.0 Location.	TRUE	2.7.2024		
32	307.2	Keep 2024 UPC	307.2 Ownership. No subdivision, sale, or transfer of ownership of existing property shall be made in such manner that the area, clearance, and access requirements of this code are decreased.	307.2 Ownership. No subdivision, sale, or transfer of ownership of existing property shall be made in such manner that the area, clearance, and access requirements of this code are decreased.	TRUE	2.7.2024		
33	308	Keep 2024 UPC	308.0 Prohibited Locations.	308.0 Improper Location.	FALSE	2.7.2024		
34	308.1	Keep 2024 UPC	308.1 General. Piping, fixtures, appliances, or equipment shall not be so located as to interfere with the normal use thereof or with the normal operation and use of windows, doors, or other required facilities.	308.1 General. Piping, fixtures, or equipment shall not be so located as to interfere with the normal use thereof or with the normal operation and use of windows, doors, or other required facilities.	FALSE	2.7.2024		
35	309	Keep 2024 UPC	309.0 Workmanship.	309.0 Workmanship.	TRUE	2.7.2024		
36	309.1	Keep 2024 UPC	309.1 Engineering Practices. Design, construction, and workmanship shall be in accordance with accepted engineering practices and shall be of such character as to secure the results sought to be obtained by this code.	309.1 Engineering Practices. Design, construction, and workmanship shall be in accordance with accepted engineering practices and shall be of such character as to secure the results sought to be obtained by this code.	TRUE	2.7.2024		
37	309.2	Keep 2024 UPC	309.2 Concealing Imperfections. It is unlawful to conceal cracks, holes, or other imperfections in materials by welding, brazing, or soldering or by using therein or thereon paint, wax, tar, solvent cement, or other leak-sealing or repair agent.	309.2 Concealing Imperfections. It is unlawful to conceal cracks, holes, or other imperfections in materials by welding, brazing, or soldering or by using therein or thereon paint, wax, tar, solvent cement, or other leak-sealing or repair agent.	TRUE	2.7.2024		
38	309.3	Keep 2024 UPC	309.3 Burred Ends. Burred ends of pipe and tubing shall be reamed to the full bore of the pipe or tube, and chips shall be removed.	309.3 Burred Ends. Burred ends of pipe and tubing shall be reamed to the full bore of the pipe or tube, and chips shall be removed.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board								
Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
39	309.4	Keep 2024 UPC	309.4 Installation Practices. Plumbing systems shall be installed in a workmanlike manner which is in accordance with this code, applicable standards, and the manufacturer's installation instructions. All materials shall be installed so as not to adversely affect the systems and equipment or the structure of the building, and in compliance with all laws and other provisions of this code. All plumbing systems shall be in accordance with construction documents approved by the Authority Having Jurisdiction.	309.4 Installation Practices. Plumbing systems shall be installed in a workmanlike manner which is in accordance with this code, applicable standards, and the manufacturer's installation instructions. All materials shall be installed so as not to adversely affect the systems and equipment or the structure of the building, and in compliance with all laws and other provisions of this code. All plumbing systems shall be in accordance with construction documents approved by the Authority Having Jurisdiction.	TRUE	2.7.2024		
40	309.5	Keep 2024 UPC	309.5 Sound Transmission. Plumbing piping systems shall be designed and installed in conformance with sound limitations as required in the building code.	309.5 Sound Transmission. Plumbing piping systems shall be designed and installed in conformance with sound limitations as required in the building code.	TRUE	2.7.2024		
41	310		310.0 Prohibited Fittings and Practices.	310.0 Prohibited Fittings and Practices.	TRUE	2.7.2024		
42	310.1	Keep 2024 UPC	310.1 Fittings. No double hub fitting, single or double tee branch, single or double tapped tee branch, side inlet quarter bend, running thread, band, or saddle shall be used as a drainage fitting.	310.1 Fittings. No double hub fitting, single or double tee branch, single or double tapped tee branch, side inlet quarter bend, running thread, band, or saddle shall be used as a drainage fitting, except that a double hub sanitary tapped tee shall be permitted to be used on a vertical line as a fixture connection.	FALSE	2.7.2024		
43	310.2	Keep 2024 UPC	310.2 Drainage and Vent Piping. No drainage or vent piping shall be drilled and tapped for the purpose of making connections thereto, and no cast-iron soil pipe shall be threaded.	310.2 Drainage and Vent Piping. No drainage or vent piping shall be drilled and tapped for the purpose of making connections thereto, and no cast-iron soil pipe shall be threaded.	TRUE	2.7.2024		
44	310.3	Keep 2024 UPC	310.3 Waste Connection. No waste connection shall be made to a closet bend or stub of a water closet or similar fixture.	310.3 Waste Connection. No waste connection shall be made to a closet bend or stub of a water closet or similar fixture.	TRUE	2.7.2024		
45	310.4	Keep 2024 UPC	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. Also, single-stack drainage and venting systems with unvented branch lines are prohibited.	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. Also, single-stack drainage and venting systems with unvented branch lines are prohibited.	TRUE	2.7.2024		
46	310.5	RFA0167 Keep 2024 UPC with additional language.1/2/25	310.5 Obstruction of Flow. No fitting, fixture and piping connection, appliance, device, or method of installation that obstructs or retards the flow of water, wastes, sewage, or air in the drainage or venting systems, in an amount exceeding the normal frictional resistance to flow, shall be used unless it is indicated as acceptable in this code or is approved in accordance with Section 301.2 of this code. The enlargement of a 3 inch (80 mm) closet bend or stub to 4 inches (100 mm)shall not be considered an obstruction.	310.5 Obstruction of Flow. No fitting, fixture and piping connection, appliance, device, or method of installation that obstructs or retards the flow of water, wastes, sewage, or air in the drainage or venting systems, in an amount exceeding the normal frictional resistance to flow, shall be used unless it is indicated as acceptable in this code or is approved in accordance with Section 301.2 of this code. The enlargement of a 3 inch (80 mm) closet bend or stub to 4 inches (100 mm)shall not be considered an obstruction.	TRUE	2.7.2024		
47	310.6	Keep 2024 UPC	310.6 Dissimilar Metals. Except for necessary valves, where intermembering or mixing of dissimilar metals occurs, the point of connection shall be confined to exposed or accessible locations.	310.6 Dissimilar Metals. Except for necessary valves, where intermembering or mixing of dissimilar metals occurs, the point of connection shall be confined to exposed or accessible locations.	TRUE	2.7.2024		
48	310.7	Keep 2024 UPC	310.7 Direction of Flow. Valves, pipes, and fittings shall be installed in correct relationship to the direction of flow.	310.7 Direction of Flow. Valves, pipes, and fittings shall be installed in correct relationship to the direction of flow.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board								
Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte e review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
49	310.8	Keep 2024 UPC	310.8 Screwed Fittings. Screwed fittings shall be ABS, cast-iron, copper, copper alloy, malleable iron, PVC, steel, or other approved materials. Threads shall be tapped out of solid metal or molded in solid ABS or PVC.	310.8 Screwed Fittings. Screwed fittings shall be ABS, cast-iron, copper, copper alloy, malleable iron, PVC, steel, or other approved materials. Threads shall be tapped out of solid metal or molded in solid ABS or PVC.	TRUE	2.7.2024		
50	311.		311.0 Independent Systems.	311.0 Use of Public Sewer and Water Systems Required.	FALSE	2.7.2024		
51	312.0	Keep 2024 UPC	312.0 Protection of Piping, Tubing, Materials, and Structures.	312.0 Protection of Piping, Materials, and Structures.	FALSE	2.7.2024		
52	312.1	Keep 2024 UPC	312.1 General. Piping passing under or through walls shall be protected from breakage. Piping passing through or under cinders or other corrosive materials shall be protected from external corrosion in an approved manner. Approved provisions shall be made for expansion of hot water piping. Voids around piping passing through concrete floors on the ground shall be sealed.	312.1 General. Piping passing under or through walls shall be protected from breakage. Piping passing through or under cinders or other corrosive materials shall be protected from external corrosion in an approved manner. Approved provisions shall be made for expansion of hot water piping. Voids around piping passing through concrete floors on the ground shall be sealed.	TRUE	2.7.2024		
53	312.2	Keep 2024 UPC	312.2 Installation. Piping in connection with a plumbing system shall be so installed that piping or connections will not be subject to undue strains or stresses, and provisions shall be made for expansion, contraction, and structural settlement. No plumbing piping shall be directly embedded in concrete or masonry. No structural member shall be seriously weakened or impaired by cutting, notching, or otherwise, as defined in the building code.	312.2 Installation. Piping in connection with a plumbing system shall be so installed that piping or connections will not be subject to undue strains or stresses, and provisions shall be made for expansion, contraction, and structural settlement. No plumbing piping shall be directly embedded in concrete or masonry. No structural member shall be seriously weakened or impaired by cutting, notching, or otherwise, as defined in the building code.	TRUE	2.7.2024		
54	312.3	Keep 2024 UPC	312.3 Building Sewer and Drainage Piping. No building sewer or other drainage piping or part thereof, constructed of materials other than those approved for use under or within a building, shall be installed under or within 2 feet (610 mm)of a building or structure, or less than 1 foot (305 mm) below the surface of the ground.	312.3 Building Sewer and Drainage Piping. No building sewer or other drainage piping or part thereof, constructed of materials other than those approved for use under or within a building, shall be installed under or within 2 feet (610 mm)of a building or structure, or less than 1 foot (305 mm) below the surface of the ground.	TRUE	2.7.2024		
55	312.4	Keep 2024 UPC	312.4 Corrosion, Erosion, and Mechanical Damage. Piping subject to corrosion, erosion, or mechanical damage shall be protected in an approved manner.	312.4 Corrosion, Erosion, and Mechanical Damage. Piping subject to corrosion, erosion, or mechanical damage shall be protected in an approved manner.	TRUE	2.7.2024		
56	312.5	Keep 2024 UPC	312.5 Protectively Coated Pipe. Protectively coated pipe or tubing shall be inspected and tested, and a visible void, damage, or imperfection to the pipe coating shall be repaired in an approved manner.	312.5 Protectively Coated Pipe. Protectively coated pipe or tubing shall be inspected and tested, and a visible void, damage, or imperfection to the pipe coating shall be repaired in an approved manner.	TRUE	2.7.2024		
57	312.6	Keep 2024 UPC	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.	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.	TRUE	2.7.2024		
58	312.8	Keep 2024 UPC	312.8 Waterproofing of Openings. Joints at the roof around pipes, ducts, or other appurtenances shall be made watertight by the use of lead, copper, galvanized iron, or other approved flashings or flashing material. Exterior wall openings shall be made watertight. Counterflashing shall not restrict the required internal cross-sectional area of the vent.	312.8 Waterproofing of Openings. Joints at the roof around pipes, ducts, or other appurtenances shall be made watertight by the use of lead, copper, galvanized iron, or other approved flashings or flashing material. Exterior wall openings shall be made watertight. Counterflashing shall not restrict the required internal cross-sectional area of the vent.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board								
Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
59	312.10	Keep 2024 UPC	312.10 Sleeves. Sleeves shall be provided to protect piping through concrete and masonry walls, and concrete floors. Exception: Sleeves shall not be required where openings are drilled or bored	312.10 Sleeves. Sleeves shall be provided to protect piping through concrete and masonry walls, and concrete floors. Exception: Sleeves shall not be required where openings are drilled or bored	TRUE	2.7.2024		
60	312.10.1	Keep 2024 UPC	312.10.1 Building Loads. Piping through concrete or masonry walls shall not be subject to a load from building construction.	312.10.1 Building Loads. Piping through concrete or masonry walls shall not be subject to a load from building construction.	TRUE	2.7.2024		
61	312.10.2	Keep 2024 UPC	312.10.2 Exterior Walls. In exterior walls, annular space between sleeves and pipes shall be sealed and made watertight, as approved by the Authority Having Jurisdiction. A penetration through fire-resistive construction shall be in accordance with Section 312.7.	312.10.2 Exterior Walls. In exterior walls, annular space between sleeves and pipes shall be sealed and made watertight, as approved by the Authority Having Jurisdiction. A penetration through fire-resistive construction shall be in accordance with Section 312.7.	TRUE	2.7.2024		
62	312.10.3	Keep 2024 UPC	312.10.3 Firewalls. A pipe sleeve through a firewall shall have space around the pipe completely sealed with an approved fire-resistive material in accordance with other codes.	312.10.3 Firewalls. A pipe sleeve through a firewall shall have space around the pipe completely sealed with an approved fire-resistive material in accordance with other codes.	TRUE	2.7.2024		
63			312.11 Structural Members. A structural member weakened or impaired by cutting, notching, or otherwise shall be reinforced, repaired, or replaced so as to be left in a safe structural condition in accordance with the requirements of the building code.	312.11 Structural Members. A structural member weakened or impaired by cutting, notching, or otherwise shall be reinforced, repaired, or replaced so as to be left in a safe structural condition in accordance with the requirements of the building code.	TRUE	2.7.2024		
64	312.12	Keep 2024 UPC	312.12 Rodent proofing. Strainer plates on drain inlets shall be designed and installed so that no opening exceeds 1/2of an inch (12.7 mm) in the least dimension.	312.12 Rodent proofing. Strainer plates on drain inlets shall be designed and installed so that no opening exceeds 1/2of an inch (12.7 mm) in the least dimension.	TRUE	2.7.2024		
65	312.12.1	Keep 2024 UPC	312.12.1 Meter Boxes. Meter boxes shall be constructed in such a manner as to restrict rodents or vermin from entering a building by following the service pipes from the box into the building.	312.12.1 Meter Boxes. Meter boxes shall be constructed in such a manner as to restrict rodents or vermin from entering a building by following the service pipes from the box into the building.	TRUE	2.7.2024		
66	312.12.2	Keep 2024 UPC	312.12.2 Metal Collars. In or on buildings where openings have been made in walls, floors, or ceilings for the passage of pipes, such openings shall be closed and protected by the installation of approved metal collars securely fastened to the adjoining structure.	312.12.2 Metal Collars. In or on buildings where openings have been made in walls, floors, or ceilings for the passage of pipes, such openings shall be closed and protected by the installation of approved metal collars securely fastened to the adjoining structure.	TRUE	2.7.2024		
67	312.12.3	Keep 2024 UPC	312.12.3 Tub Waste Openings. Tub waste openings in framed construction to crawl spaces at or below the first floor shall be protected by the installation of approved metal collars or metal screen securely fastened to the adjoining structure with no opening exceeding 1/2of an inch (12.7 mm) in the least dimension.	312.12.3 Tub Waste Openings. Tub waste openings in framed construction to crawl spaces at or below the first floor shall be protected by the installation of approved metal collars or metal screen securely fastened to the adjoining structure with no opening exceeding 1/2of an inch (12.7 mm) in the least dimension.	TRUE	2.7.2024		
68	313.0	Keep 2024 UPC	313.0 Hangers, Supports, and Anchors	313.0 Hangers and Supports.	FALSE	2.7.2024		
69	313.1	Keep 2024 UPC	313.1 General. Piping, tubing, fixtures, appliances, and appurtenances shall be supported in accordance with this code, the manufacturer’s installation instructions, and in accordance with the Authority Having Jurisdiction. Seismic restraints shall be in accordance with the building code.	313.1 General. Piping, fixtures, appliances, and appurtenances shall be supported in accordance with this code, the manufacturer's installation instructions, and in accordance with the Authority Having Jurisdiction.	FALSE	2.7.2024		
70	313.2	Keep 2024 UPC	313.2 Material. Hangers, supports, and anchors shall be of sufficient strength to support the weight of the pipe or tubing and its contents. Piping or tubing shall be isolated from incompatible materials.	313.2 Material. Hangers and anchors shall be of sufficient strength to support the weight of the pipe and its contents. Piping shall be isolated from incompatible materials.	FALSE	2.7.2024		
71	313.3	Keep 2024 UPC	313.3 Suspended Piping. Suspended piping shall be supported at intervals not to exceed those shown in Table 313.3.	313.3 Suspended Piping. Suspended piping shall be supported at intervals not to exceed those shown in Table 313.3.	TRUE	2.7.2024		
72	313.4	Keep 2024 UPC	313.4 Alignment. Piping shall be supported in such a manner as to maintain its alignment and prevent sagging.	313.4 Alignment. Piping shall be supported in such a manner as to maintain its alignment and prevent sagging.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board								
Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
73	313.5	Keep 2024 UPC	313.5 Underground Installation. Piping in the ground shall be laid on a firm bed for its entire length; where other support is otherwise provided, it shall be approved in accordance with Section 301.2.	313.5 Underground Installation. Piping in the ground shall be laid on a firm bed for its entire length; where other support is otherwise provided, it shall be approved in accordance with Section 301.2.	TRUE	2.7.2024		
74	313.6	Keep 2024 UPC	313.6 Hanger Rod Sizes. Hanger rod sizes shall be not smaller than those shown in Table 313.6.	313.6 Hanger Rod Sizes. Hanger rod sizes shall be not smaller than those shown in Table 313.6.	TRUE	2.7.2024		
75	Table 313.6				TRUE	2.7.2024		
76	314.0	Keep 2024 UPC	314.0 Trenching, Excavation, and Backfill.	314.0 Trenching, Excavation, and Backfill.	TRUE	2.7.2024		
77	314.1	Keep 2024 UPC	314.1 Trenches. Trenches deeper than the footing of abuilding or structure, and paralleling the same, shall be located not less than 45 degrees (0.79 rad) from the bottom exterior edge of the footing, or as approved in accordance with Section 301.0.	314.1 Trenches. Trenches deeper than the footing of abuilding or structure, and paralleling the same, shall be located not less than 45 degrees (0.79 rad) from the bottom exterior edge of the footing, or as approved in accordance with Section 301.2.	FALSE	2.7.2024		
78	314.2	Keep 2024 UPC	314.2 Tunneling and Driving. Tunneling and driving shall be permitted to be done in yards, courts, or driveways of abuilding site. Where sufficient depth is available to permit, tunnels shall be permitted to be used between open-cut trenches. Tunnels shall have a clear height of 2 feet (610 mm)above the pipe and shall be limited in length to one-half the depth of the trench, with a maximum length of 8 feet (2438mm). Where pipes are driven, the drive pipe shall be not less than one size larger than the pipe to be laid.	314.2 Tunneling and Driving. Tunneling and driving shall be permitted to be done in yards, courts, or driveways of abuilding site. Where sufficient depth is available to permit, tunnels shall be permitted to be used between open-cut trenches. Tunnels shall have a clear height of 2 feet (610 mm)above the pipe and shall be limited in length to one-half the depth of the trench, with a maximum length of 8 feet (2438mm). Where pipes are driven, the drive pipe shall be not less than one size larger than the pipe to be laid.	TRUE	2.7.2024		
79	314.3	Keep 2024 UPC	314.3 Open Trenches. Excavations required to be made for the installation of a building drainage system or part thereof, within the walls of a building, shall be open trenchwork and shall be kept open until the piping has been inspected, tested, and accepted.	314.3 Open Trenches. Excavations required to be made for the installation of a building drainage system or part thereof, within the walls of a building, shall be open trenchwork and shall be kept open until the piping has been inspected, tested, and accepted.	TRUE	2.7.2024		
80	314.4	Keep 2024 UPC	314.4 Excavations. Excavations shall be completely backfilled as soon after inspection as practicable. Precaution shall be taken to ensure compactness of backfill around piping without damage to such piping. Trenches shall be backfilled in thin layers to 12 inches (305 mm) above the top of the piping with clean earth, which shall not contain stones, boulders, cinder fill, frozen earth, construction debris, or other materials that will damage or break the piping or cause corrosive action. Mechanical devices such as bulldozers, graders, etc., shall be permitted to be then used to complete backfill to grade. Fill shall be properly compacted. Precautions shall betaken to ensure permanent stability for pipe laid in filled or made ground. Underground thermoplastic pipe and fittings for sewers and other gravity flow applications shall be installed in accordance with this code and Section 314.4.1.	314.4 Excavations. Excavations shall be completely backfilled as soon after inspection as practicable. Precaution shall be taken to ensure compactness of backfill around piping without damage to such piping. Trenches shall be backfilled in thin layers to 12 inches (305 mm) above the top of the piping with clean earth, which shall not contain stones, boulders, cinder fill, frozen earth, construction debris, or other materials that will damage or break the piping or cause corrosive action. Mechanical devices such as bulldozers, graders, etc., shall be permitted to be then used to complete backfill to grade. Fill shall be properly compacted. Precautions shall betaken to ensure permanent stability for pipe laid in filled or made ground. Underground thermoplastic pipe and fittings for sewers and other gravity flow applications shall be installed in accordance with this code and Section 314.4.1.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board								
Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte e review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
81	314.4.1	Keep 2024 UPC	314.4.1 Installation of Thermoplastic Pipe and Fittings. Trench width for thermoplastic sewer pipe shall be not less than 1.25 times the outside diameter of the piping plus 12 inches (305 mm) or the outside diameter of the piping plus not less than 16 inches (406 mm).Thermoplastic piping shall be bedded in not less than 4inches (102 mm) of granular fill supporting the piping. The backfill for thermoplastic piping shall be compacted along the sides of the piping in 6 inch (152 mm) layers and continue to not less than 12 inches (305 mm) above the piping. Compaction shall be not less than an 85 percent standard proctor density.	314.4.1 Installation of Thermoplastic Pipe and Fittings. Trench width for thermoplastic sewer pipe shall be not less than 1.25 times the outside diameter of the piping plus 12 inches (305 mm) or the outside diameter of the piping plus not less than 16 inches (406 mm).Thermoplastic piping shall be bedded in not less than 4inches (102 mm) of granular fill supporting the piping. The backfill for thermoplastic piping shall be compacted along the sides of the piping in 6 inch (152 mm) layers and continue to not less than 12 inches (305 mm) above the piping. Compaction shall be not less than an 85 percent standard proctor density.	TRUE	2.7.2024		
82	315.0		315.0 Joints and Connections.	315.0 Joints and Connections.	TRUE	2.7.2024		
83	315.2	Keep 2024 UPC	315.2 Prohibited Joints and Connections. A fitting or connection that has an enlargement, chamber, or recess with a ledge, shoulder, or reduction of pipe area that offers an obstruction to flow through the drain shall be prohibited.	315.2 Prohibited Joints and Connections. A fitting or connection that has an enlargement, chamber, or recess with a ledge, shoulder, or reduction of pipe area that offers an obstruction to flow through the drain shall be prohibited.	TRUE	2.7.2024		
84	316.0	Keep 2024 UPC	316.0 Increasesers and Reducers	316.0 Increasesers and Reducers.	FALSE	2.7.2024		
85	316.1	Keep 2024 UPC	316.1 General. Where different sizes of pipes and fittings are to be connected, the proper size increasers or reducers or reducing fittings shall be used between the two sizes. Copper alloy or cast-iron body cleanouts shall not be used as a reducer or adapter from cast-iron drainage pipe to iron pipe size (IPS) pipe.	316.1 General. Where different sizes of pipes and fittings are to be connected, the proper size increasers or reducers or reducing fittings shall be used between the two sizes. Copper alloy or cast-iron body cleanouts shall not be used as a reducer or adapter from cast-iron drainage pipe to iron pipe size (IPS) pipe.	TRUE	2.7.2024		
86	317.0	Keep 2024 UPC	317.0 Food-Handling Establishments.	317.0 Food-Handling Establishments.	TRUE	2.7.2024		
87	318.0	Keep 2024 UPC	318.0 Test Gauges.	318.0 Test Gauges.	TRUE	2.7.2024		
88	318.1	Keep 2024 UPC	318.1 General. Tests in accordance with this code, which are performed utilizing dial gauges, shall be limited to gauges having the following pressure graduations or incrementations.	318.1 General. Tests in accordance with this code, which are performed utilizing dial gauges, shall be limited to gauges having the following pressure graduations or incrementations.	TRUE	2.7.2024		
89	318.2	Keep 2024 UPC	318.2 Pressure Tests (10 psi or less). Required pressure tests of 10 pounds-force per square inch (psi) (69 kPa) or less shall be performed with gauges of 0.10 psi (0.69 kPa)incrementation or less.	318.2 Pressure Tests (10 psi or less). Required pressure tests of 10 pounds-force per square inch (psi) (69 kPa) or less shall be performed with gauges of 0.10 psi (0.69 kPa)incrementation or less.	TRUE	2.7.2024		
90	318.3	Keep 2024 UPC	318.3 Pressure Tests (greater than 10 psi to 100 psi).Required pressure tests exceeding 10 psi (69 kPa) but less than or equal to 100 psi (689 kPa) shall be performed with gauges of 1 psi (7 kPa) incrementation or less.	318.3 Pressure Tests (greater than 10 psi to 100 psi).Required pressure tests exceeding 10 psi (69 kPa) but less than or equal to 100 psi (689 kPa) shall be performed with gauges of 1 psi (7 kPa) incrementation or less.	TRUE	2.7.2024		
91	318.4	Keep 2024 UPC	318.4 Pressure Tests (exceeding 100 psi). Required pressure tests exceeding 100 psi (689 kPa) shall be performed with gauges incremented for 2 percent or less of the required test pressure.	318.4 Pressure Tests (exceeding 100 psi). Required pressure tests exceeding 100 psi (689 kPa) shall be performed with gauges incremented for 2 percent or less of the required test pressure.	TRUE	2.7.2024		
92	318.5	Keep 2024 UPC	318.5 Pressure Range. Test gauges shall have a pressure range not exceeding twice the test pressure applied.	318.5 Pressure Range. Test gauges shall have a pressure range not exceeding twice the test pressure applied.	TRUE	2.7.2024		
93	319.0	Remove from the 2024 UPC	319.0 Medical Gas and Vacuum Systems.	319.0 Medical Gas and Vacuum Systems.	TRUE	2.7.2024		
94	319.1	Remove from the 2024 UPC	319.1 General. Such piping shall be in accordance with the requirements of Chapter 13. The Authority Having Jurisdiction shall require evidence of the competency of the installers and verifiers.		FALSE	2.7.2024		
95			320.0 Rehabilitation of Piping Systems.	320.0 Rehabilitation of Piping Systems.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board Chapter 3 (Keep 2024 UPC)								
Line#	Rules affected	Proposal and Committee recommendation	2020 MPC 4714		Date of Committt ee review	Date of Committte review	Plumbing Board Action/Comments	(A)ccept (R)eject (M)odify
96			320.1 General. Where pressure piping systems are rehabilitated using an epoxy lining system, it shall be in accordance with ASTM F2831.	320.1 General. Where pressure piping systems are rehabilitated using an epoxy lining system, it shall be in accordance with ASTM F2831.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board

Chapter 4 (Keep 2024 UPC)

Line #	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714	Date reviewed by PB	Date of Committee review.	Plumbing Board Action/ comment	(A)ccept (R)eject (M)odify
1	401.0	General		401.0 General.	401.0 General.	TRUE	2.7.2024		
2	401.1	Applicability.	Keep 2024 UPC	401.1 Applicability. This chapter shall govern the material and installation of plumbing fixtures, including faucets and fixture fittings, and the minimum number of plumbing fixtures required based on occupancy.	401.1 Applicability. This chapter shall govern the material and installation of plumbing fixtures, including faucets and fixture fittings, and the minimum number of plumbing fixtures required based on occupancy.	TRUE	2.7.2024		
3	401.2	Quality of Fixtures	Keep 2024 UPC	401.2 Quality of Fixtures. Plumbing fixtures shall be constructed of dense, durable, non-absorbent materials and shall have smooth, impervious surfaces, free from unnecessary concealed fouling surfaces.	401.2 Quality of Fixtures. Plumbing fixtures shall be constructed of dense, durable, non-absorbent materials and shall have smooth, impervious surfaces, free from unnecessary concealed fouling surfaces.	TRUE	2.7.2024		
4	402.0	Installation	Keep 2024 UPC	402.0 Installation.	402.0 Installation.	TRUE	2.7.2024		
5	402.1	Cleaning	Keep 2024 UPC	402.1 Cleaning. Plumbing fixtures shall be installed in a manner to afford easy access for repairs and cleaning. Pipes from fixtures shall be run to the nearest wall.	402.1 Cleaning. Plumbing fixtures shall be installed in a manner to afford easy access for repairs and cleaning. Pipes from fixtures shall be run to the nearest wall.	TRUE	2.7.2024		
6	402.2	Joints.	Keep 2024 UPC	402.2 Joints. Where a fixture comes in contact with the wall or floor, the joint between the fixture and the wall or floor shall be made watertight.	402.2 Joints. Where a fixture comes in contact with the wall or floor, the joint between the fixture and the wall or floor shall be made watertight.	TRUE	2.7.2024		
7	402.3	Securing Fixtures.	Keep 2024 UPC	402.3 Securing Fixtures. Floor-outlet or floor-mounted fixtures shall be rigidly secured to the drainage connection and to the floor, where so designed, by screws or bolts of copper, copper alloy, or other equally corrosion-resistant material.	402.3 Securing Fixtures. Floor-outlet or floor-mounted fixtures shall be rigidly secured to the drainage connection and to the floor, where so designed, by screws or bolts of copper, copper alloy, or other equally corrosion-resistant material.	TRUE	2.7.2024		
8	402.4	Wall-Hung Fixtures	Keep 2024 UPC	402.4 Wall-Hung Fixtures. Wall-hung fixtures shall be rigidly supported by metal supporting members so that no strain is transmitted to the connections. Floor-affixed supports for off-the-floor plumbing fixtures for public use shall comply with ASME A112.6.1M. Framing-affixed supports for off-the floor water closets with concealed tanks shall comply A112.6.2. Flush tanks and similar appurtenances shall be secured by approved non-corrosive screws or bolts.	402.4 Wall-Hung Fixtures. Wall-hung fixtures shall be rigidly supported by metal supporting members so that no strain is transmitted to the connections. Floor-affixed supports for off-the-floor plumbing fixtures for public use shall comply with ASME A112.6.1M. Framing-affixed supports for off-the floor water closets with concealed tanks shall comply A112.6.2. Flush tanks and similar appurtenances shall be secured by approved non-corrosive screws or bolts.	TRUE	2.7.2024		
9	402.5	Setting.	Keep 2024 UPC	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 (762mm) 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. Exception: The installation of paper dispensers or accessibility grab bars shall not be considered obstructions.	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 (762mm) 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. Exception: The installation of paper dispensers or accessibility grab bars shall not be considered obstructions.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
Line #	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714	Date reviewed by PB	Date of Committee review.	Plumbing Board Action/comment	(A)ccept (R)eject (M)odify
10	402.6.1	Closet Rings (Closet Flanges)	Keep 2024 UPC	402.6.1 Closet Rings (Closet Flanges). Closet rings (closet flanges) for water closets or similar fixtures shall be of an approved type and shall be copper alloy, copper, hard lead, cast-iron, galvanized malleable iron, ABS, PVC, or other approved materials. Closet rings(closet flanges) shall be approximately 7 inches (178mm) in diameter and, where installed, shall, together with the soil pipe, present a 11/2 inch (38 mm) wide flange or face to receive the fixture gasket or closet seal. Caulked-on closet rings (closet flanges) shall be not less than 1/4 of an inch (6.4 mm) thick and not less than 2inches (51 mm) in overall depth. Closet rings (closet flanges) shall be burned or soldered to lead bends or stubs, shall be caulked to cast-iron soil pipe, shall be solvent cemented to ABS and PVC, and shall be screwed or fastened in an approved manner to other materials. Closet bends or stubs shall be cut-off to present a smooth surface even with the top of the closet ring before the rough inspection is called. Closet rings (closet flanges) shall be adequately designed and secured to support fixtures connected thereto.	402.6.1 Closet Rings (Closet Flanges). Closet rings (closet flanges) for water closets or similar fixtures shall be of an approved type and shall be copper alloy, copper, hard lead, cast-iron, galvanized malleable iron, ABS, PVC, or other approved materials. Closet rings(closet flanges) shall be approximately 7 inches (178mm) in diameter and, where installed, shall, together with the soil pipe, present a 11/2 inch (38 mm) wide flange or face to receive the fixture gasket or closet seal. Caulked-on closet rings (closet flanges) shall be not less than 1/4 of an inch (6.4 mm) thick and not less than 2inches (51 mm) in overall depth. Closet rings (closet flanges) shall be burned or soldered to lead bends or stubs, shall be caulked to cast-iron soil pipe, shall be solvent cemented to ABS and PVC, and shall be screwed or fastened in an approved manner to other materials. Closet bends or stubs shall be cut-off to present a smooth surface even with the top of the closet ring before the rough inspection is called. Closet rings (closet flanges) shall be adequately designed and secured to support fixtures connected thereto.	TRUE	2.7.2024		
11	402.6.2	Securing Closet Flanges.	Keep 2024 UPC	402.6.2 Securing Closet Flanges. Closet screws, bolts, washers, and similar fasteners shall be of copper alloy, copper, or other listed equally corrosion-resistant materials. Screws and bolts shall be of a size and number to properly support the fixture installed.	402.6.2 Securing Closet Flanges. Closet screws, bolts, washers, and similar fasteners shall be of copper alloy, copper, or other listed equally corrosion-resistant materials. Screws and bolts shall be of a size and number to properly support the fixture installed.	TRUE	2.7.2024		
12	402.6.3	Securing Floor-Mounted, Back-Outlet Water Closet Bowls.	Keep 2024 UPC	402.6.3 Securing Floor-Mounted, Back-Outlet Water Closet Bowls. Floor-mounted, back-outlet water closet bowls shall be set level with an angle of 90degrees (1.57 rad) between the floor and wall at the centerline of the fixture outlet. The floor and wall shall have a flat mounting surface not less than 5 inches (127 mm)to the right and left of the fixture outlet centerline. The closet flange shall be secured to the wall mounting surface. Offset, eccentric, or reducing closet flanges shall not be permitted with these fixtures. The fixture shall be secured to the wall outlet flange or drainage connection and the floor by corrosion-resistant screws or bolts.	402.6.3 Securing Floor-Mounted, Back-Outlet Water Closet Bowls. Floor-mounted, back-outlet water closet bowls shall be set level with an angle of 90degrees (1.57 rad) between the floor and wall at the centerline of the fixture outlet. The floor and wall shall have a flat mounting surface not less than 5 inches (127 mm)to the right and left of the fixture outlet centerline. The fixture shall be secured to the wall outlet flange or drainage connection and the floor by corrosion-resistant screws or bolts. The closet flange shall be secured to a firm base. Where floor-mounted, back-outlet water closets are used, the soil pipe shall be not less than 3 inches (80 mm)in diameter. Offset, eccentric, or reducing floor flanges shall not be used.	FALSE	2.7.2024		
13	402.7	Supply Fittings	Keep 2024 UPC	402.7 Supply Fittings. The supply lines and fittings for every plumbing fixture shall be so installed as to prevent backflow in accordance with Chapter 6.	402.7 Supply Fittings. The supply lines and fittings for every plumbing fixture shall be so installed as to prevent backflow in accordance with Chapter 6.	TRUE	2.7.2024		
14	402.8	Installation	Keep 2024 UPC	402.8 Installation. Fixtures shall be installed in accordance with the manufacturer’s installation instructions.	402.8 Installation. Fixtures shall be installed in accordance with the manufacturer’s installation instructions.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
Line #	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714	Date reviewed by PB	Date of Committee review.	Plumbing Board Action/comment	(A)ccept (R)eject (M)odify
15	402.9	Desing and Installation of Plumbing Fixtures.	Keep 2024 UPC	402.9 Design and Installation of Plumbing Fixtures. Plumbing fixtures shall be installed in accordance with the manufacturer's installation instructions. The means of backflow prevention shall not be compromised by the designated fixture fitting mounting surface.	402.9 Design and Installation of Plumbing Fixtures. Plumbing fixtures shall be installed in accordance with the manufacturer's installation instructions. The means of backflow prevention shall not be compromised by the designated fixture fitting mounting surface.	TRUE	2.7.2024		
16	402.10	Slip Joint Connections	Keep 2024 UPC	402.10 Slip Joint Connections. Fixtures having concealed slip joint connections shall be provided with an access panel or utility space not less than 12 inches (305 mm) in its least dimension and so arranged without obstructions as to make such connections accessible for inspection and repair.	402.10 Slip Joint Connections. Fixtures having concealed slip joint connections shall be provided with an access panel or utility space not less than 12 inches (305 mm) in its least dimension and so arranged without obstructions as to make such connections accessible for inspection and repair.	TRUE	2.7.2024		
17	402.11	Future Fixtures	Keep 2024 UPC	402.11 Future Fixtures. Where provisions are made for the future installation of fixtures, those provided for shall be considered in determining the required sizes of the drain and water supply piping. Construction for future installations shall be terminated with a plugged fitting or fittings. Where the plugged fitting is at the point where the trap of a fixture is installed, the plumbing system for such fixture shall be complete and be in accordance with the plumbing requirements of this code.	402.11 Future Fixtures. Where provisions are made for the future installation of fixtures, those provided for shall be considered in determining the required sizes of the drain and water supply piping. Construction for future installations shall be terminated with a plugged fitting or fittings. Where the plugged fitting is at the point where the trap of a fixture is installed, the plumbing system for such fixture shall be complete and be in accordance with the plumbing requirements of this code.	TRUE	2.7.2024		
18	403.0	Accessible Plumbing Facilities,		403.0 Accessible Plumbing Facilities.	403.0 Accessible Plumbing Facilities.	TRUE	2.7.2024		
19	403.1	General	Keep 2024 UPC	403.1 General. Where accessible facilities are required inapplicable building regulations, the facilities shall be installed in accordance with those regulations.	403.1 General. Where accessible facilities are required inapplicable building regulations, the facilities shall be installed in accordance with those regulations.	TRUE	2.7.2024		
20	403.3	Exposed Pipes and Surfaces.	Keep 2024 UPC	403.3 Exposed Pipes and Surfaces. Water supply and drainpipes under accessible lavatories and sinks shall be insulated or otherwise be configured to protect against contact. Protectors, insulators, or both shall comply with ASMEA112.18.9 or ASTM C1822.	403.3 Exposed Pipes and Surfaces. Water supply and drain pipes under accessible lavatories and sinks shall be insulated or otherwise be configured to protect against contact. Protectors, insulators, or both shall comply with ASMEA112.18.9 or ASTM C1822.	FALSE	2.7.2024		
21	404.0	Waste Fittings and Overflows.		404.0 Waste Fittings and Overflows.	404.0 Waste Fittings and Overflows.	TRUE	2.7.2024		
22	404.1	Waste Fittings.	Keep 2024 UPC	404.1 Waste Fittings. Waste fittings shall comply A112.18.2/CSA B125.2, ASTM F409 or Table 701.2for aboveground drainage piping and fittings.	404.1 Waste Fittings. Waste fittings shall comply A112.18.2/CSA B125.2, ASTM F409 or Table 701.2for aboveground drainage piping and fittings.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
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23	404.2	Overflows	Keep 2024 UPC	404.2 Overflows. Where a fixture is provided with an overflow, the overflow shall comply with Section 404.2.1 or Section404.2.2.	404.2 Overflows. Where a fixture is provided with an overflow, the waste shall be so arranged that the standing water in the fixture shall not rise in the overflow where the stopper is closed or remain in the overflow where the fixture is empty. The overflow pipe from a fixture shall be connected to the house or inlet side of the fixture trap, except that overflow on flush tanks shall be permitted to discharge into the water closets or urinals served by them, but it shall be unlawful to connect such overflows with any other part of the drainage system.	FALSE	2.7.2024		
24	405.0	Prohibited Fixtures		405.0 Prohibited Fixtures.	405.0 Prohibited Fixtures.	TRUE	2.7.2024		
25	405.1	Prohibited Water Closets	Keep 2024 UPC	405.1 Prohibited Water Closets. Water closets having an invisible seal or an unventilated space or having walls which are not thoroughly washed at each discharge shall be prohibited. A water closet that might permit siphonage of the contents of the bowl back into the tank shall be prohibited.	405.1 Prohibited Water Closets. Water closets having an invisible seal or an unventilated space or having walls which are not thoroughly washed at each discharge shall be prohibited. A water closet that might permit siphonage of the contents of the bowl back into the tank shall be prohibited.	TRUE	2.7.2024		
26	405.2	Prohibited Urinals		405.2 Prohibited Urinals. Trough urinals and urinals with an invisible seal shall be prohibited.	405.2 Prohibited Urinals. Trough urinals and urinals with an invisible seal shall be prohibited.	TRUE	2.7.2024		
27	406.0	Water and Waste Connections	Keep 2024 UPC	406.0 Special Fixtures and Specialties.	406.0 Special Fixtures and Specialties.	TRUE	2.7.2024		
28	406.1	Waste and Water Connections	Keep 2024 UPC	406.1 Water and Waste Connections. Baptisteries, ornamental and lily ponds, aquaria, ornamental fountain basins, and similar fixtures and specialties requiring water, waste connections, or both shall be submitted for approval to the Authority Having Jurisdiction prior to installation.	406.1 Water and Waste Connections. Baptisteries, ornamental and lily ponds, aquaria, ornamental fountain basins, and similar fixtures and specialties requiring water, waste connections, or both shall be submitted for approval to the Authority Having Jurisdiction prior to installation.	TRUE	2.7.2024		
29	406.2	Special Use Sinks	Keep 2024 UPC	406.2 Special Use Sinks. Restaurant kitchen and other special use sinks shall be permitted to be made of approved-type bonderized and galvanized sheet steel of not less than No. 16 U.S. gauge (0.0635 inches) (1.6 mm). Sheet-metal plumbing fixtures shall be adequately designed, constructed, and braced in an approved manner to accomplish their intended purpose.	406.2 Special Use Sinks. Restaurant kitchen and other special use sinks shall be permitted to be made of approved-type bonderized and galvanized sheet steel of not less than No. 16 U.S. gauge (0.0635 inches) (1.6 mm). Sheet-metal plumbing fixtures shall be adequately designed, constructed, and braced in an approved manner to accomplish their intended purpose.	TRUE	2.7.2024		
30	406.3	Special Use Fixtures	Keep 2024 UPC	406.3 Special Use Fixtures. Special use fixtures shall be made of one of the following:(1) Soapstone(2) Chemical stoneware(3) Copper-based alloy(4) Nickel-based alloy(5) Corrosion-resistant steel(6) Other materials suited for the intended use of the fixture	406.3 Special Use Fixtures. Special use fixtures shall be made of one of the following:(1) Soapstone(2) Chemical stoneware(3) Copper-based alloy(4) Nickel-based alloy(5) Corrosion-resistant steel(6) Other materials suited for the intended use of the fixture	TRUE	2.7.2024		
31	406.4	Zinc Alloy Components	Keep 2024 UPC	406.4 Zinc Alloy Components. Zinc alloy components shall comply with applicable nationally recognized standard sand shall be used in accordance with their listing.	406.4 Zinc Alloy Components. Zinc alloy components shall comply with applicable nationally recognized standard sand shall be used in accordance with their listing.	TRUE	2.7.2024		
32						TRUE	2.7.2024		
33	407	Lavatories		407.0 Lavatories.	407.0 Lavatories.	TRUE	2.7.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
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34	407.1	Application	Keep 2024 UPC	407.1 Application. Lavatories shall comply with ASMEA112.19.1/CSA B45.2, ASME A112.19.2/CSA B45.1,ASME A112.19.3/CSA B45.4, ASME A112.19.12, CSAB45.5/IAPMO Z124, CSA B45.8/IAPMO Z403, CSAB45.11/IAPMO Z401 or CSA B45.12/IAPMO Z402. Group wash fixtures shall comply with the requirements of Section401.2. 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 Table 422.1.Lavatory assemblies with automatic soap dispensers, faucets, or hand dryers shall comply with IAPMO IGC 127.	407.1 Application. Lavatories shall comply with ASMEA112.19.1/CSA B45.2, ASME A112.19.2/CSA B45.1,ASME A112.19.3/CSA B45.4, ASME A112.19.12, CSAB45.5/IAPMO Z124, CSA B45.8/IAPMO Z403, CSAB45.11/IAPMO Z401 or CSA B45.12/IAPMO Z402.	FALSE	2.7.2024		
35	407.2	Water Consumption	Keep 2024 UPC	407.2 Water Consumption. The maximum water flow rate of faucets shall comply with Section 407.2.1 and Section407.2.2.	407.2 Water Consumption. The maximum water flow rate of faucets shall comply with Section 407.2.1 and Section407.2.2.	TRUE	2.7.2024		
36				407.2.1 Maximum Flow Rate. The maximum flowrate for public lavatory faucets shall not exceed 0.5 gpm at 60 psi (1.9 L/m at 414 kPa) and 2.2 gpm at 60 psi (8.3L/m at 414 kPa) for private lavatory faucets.	407.2.1 Maximum Flow Rate. The maximum flowrate for public lavatory faucets shall not exceed 0.5 gpm at 60 psi (1.9 L/m at 414 kPa) and 2.2 gpm at 60 psi (8.3L/m at 414 kPa) for private lavatory faucets.	TRUE	2.7.2024		
37				407.2.2 Metering Faucets. Metered faucets shall deliver a maximum of 0.25 gallons (0.95 L) per metering cycle.	407.2.2 Metering Faucets. Metered faucets shall deliver a maximum of 0.25 gallons (0.95 L) per metering cycle.	TRUE	2.7.2024		
38	407.6	Overflow	Keep 2024 UPC	407.6 Overflow. Where overflows are provided, they shall be installed in accordance with Section 404.2.	407.6 Overflow. Where overflows are provided, they shall be installed in accordance with Section 404.2.	TRUE	3.6.2024		
39	408.0	Showers		408.0 Showers.	408.0 Showers.	TRUE	3.6.2024		
40	408.1	Application	Keep 2024 UPC	408.1 Application. Manufactured shower receptors and shower bases shall comply with ASME A112.19.1/CSA B45.2,ASME A112.19.2/CSA B45.1, ASME A112.19.3/CSAB45.4,CSA B45.12/IAPMO Z402, or CSA B45.5/IAPMO Z124. Prefabricated shower enclosures shall comply with IAPMO IGC154.	408.1 Application. Manufactured shower receptors and shower bases shall comply with ASME A112.19.1/CSA B45.2,ASME A112.19.2/CSA B45.1, ASME A112.19.3/CSAB45.4,CSA B45.12/IAPMO Z402, or CSA B45.5/IAPMO Z124.	FALSE	3.6.2024		
41	408.3/ 4714.408.2	Water Consumption	Keep 2024 UPC	408.3 Water Consumption. Showerheads shall have a maximum flow rate of not more than 2.5 gpm at 80 psi (9.5L/m at 552 kPa). Body sprays shall have a flow rate of not more than 2.5 gpm at 80 psi (9.5 L/m at 552 kPa).	408.2 Water Consumption. Showerheads shall have a maximum flow rate of not more than 2.5 gpm at 80 psi (9.5L/m at 552 kPa).	FALSE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
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42	408.4/4714.408.3	Individual Shower and Tub-Shower Combination Control Valves	Keep 2024 UPC	408.4 Individual Shower and Tub-Shower Combination Control Valves. Showers and tub-shower combinations shall be provided with individual control valves of the pressure balance, thermostatic, or combination pressure balance/thermostatic mixing valve type that provide scald and thermal shock protection for the rated flow rate of the installed showerhead. These valves shall be installed at the point of use and comply with ASSE 1016/ASME A112.1016/CSA B125.16 or ASME A112.18.1/CSA B125.1.	408.3 Individual Shower and Tub-Shower Combination Control Valves. Showers and tub-shower combinations shall be provided with individual control valves of the pressure balance, thermostatic, or combination pressure balance/thermostatic mixing valve type that provide scald and thermal shock protection for the rated flow rate of the installed showerhead. These valves shall be installed at the point of use and comply with ASSE 1016/ASMEA112.1016/CSA B125.16 or ASME A112.18.1/CSA B125.1. Gang showers, where supplied with a single temperature-controlled water supply pipe, shall be controlled by a mixing valve that complies with ASSE 1069. Handle position stops shall be provided on such valves and shall be adjusted per the manufacturer's instructions to deliver maximum mixed water setting of 120°F (49°C). Water heater thermostats shall not be considered a suitable control for meeting this provision.	FALSE	3.6.2024		
43	408.5/4714.408.4	Waste Outlet	Keep 20204 UPC	408.5 Waste Outlet. Showers shall have a waste outlet and fixture tailpiece not less than 2 inches (50 mm) in diameter. Fixture tailpieces shall be constructed from the materials specified in Section 701.2 for drainage piping. Strainers serving shower drains shall comply with ASME A112.18.2/CSAB125.2.	408.4 Waste Outlet. Showers shall have a waste outlet and fixture tailpiece not less than 2 inches (50 mm) in diameter. Fixture tailpieces shall be constructed from the materials specified in Section 701.2 for drainage piping. Strainers serving shower drains shall have a waterway at least equivalent to the area of the tailpiece.	FALSE	3.6.2024		
44	408.6/4714.408.5	Finished Curb or Threshold	Keep 2024 UPC	408.6 Finished Curb or Threshold. Where a shower receptor has a finished dam, curb, or threshold, it shall be not less than 1 inch (25.4 mm) lower than the sides and back of such receptor. In no case, shall a dam or threshold be less than 2 inches (51 mm) or exceeding 9 inches (229 mm) in depth where measured from the top of the dam or threshold to the top of the drain. Each such receptor shall be provided with a nailing flange either integral or field installed in accordance with the manufacturer's installation instructions. The flange shall be watertight and extend vertically not less than 1 inch (25.4 mm) above the top of the sides of the receptor. The finished floor of the receptor shall slope uniformly from the sides towards the drain not less than 1/8 inch per foot (10.4mm/m), nor more than 1/2 inch per foot (41.6 mm/m).Thresholds shall be of sufficient width to accommodate a minimum 22 inch (559 mm) door. Shower doors shall open so as to maintain not less than a 22 inch (559 mm) unobstructed opening for egress. Where there is a shower without a threshold, the floor space within the same room shall be considered a wet location and shall comply with the requirements of the building, residential, and electrical codes. Exceptions:(1) Showers in accordance with Section 403.2.(2) A cast-iron shower receptor flange shall be not less than0.3 of an inch (7.62 mm) in height.(3) For flanges not used as a means of securing, the sealing flange shall be not less than 0.3 of an inch (7.62 mm) in height.	408.5 Finished Curb or Threshold. Where a shower receptor has a finished dam, curb, or threshold, it shall be not less than 1 inch (25.4 mm) lower than the sides and back of such receptor. In no case, shall a dam or threshold be less than2 inches (51 mm) or exceeding 9 inches (229 mm) in depth where measured from the top of the dam or threshold to the top of the drain. Each such receptor shall be provided with an integral nailing flange to be located where the receptor meets the vertical surface of the finished interior of the shower compartment. The flange shall be watertight and extend vertically not less than 1 inch (25.4 mm) above the top of the sides of the receptor. The finished floor of the receptor shall slope uniformly from the sides towards the drain not less than 1/8 inch per foot (10.4 mm/m), nor more than 1/2 inch per foot (41.6mm/m).Thresholds shall be of sufficient width to accommodate a minimum 22 inch (559 mm) door. Shower doors shall open so as to maintain not less than a 22 inch (559 mm) unobstructed opening for egress. The immediate adjoining space to showers without thresholds shall be considered a wet location and shall comply with the requirements of the building, residential, and electrical codes. Exceptions:(1) Showers in accordance with Section 403.2.(2) A cast-iron shower receptor flange shall be not less than0.3 of an inch (7.62 mm) in height.(3) For flanges not used as a means of securing, the sealing flange shall be not less than 0.3 of an inch (7.62 mm) in height.	FALSE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
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45	408.7/4714.408.6	Shower Compartments	Keep 2024 UPC	408.7 Shower Compartments. Shower compartments shall have a finished interior in accordance with the following:(1) Not less than 1024 square inches (0.6606 m2).(2) Be capable of encompassing a 30 inch (762 mm) circle. The minimum required area and dimensions shall be measured at a height equal to the top of the threshold and a point tangent to its centerline. The area and dimensions shall be maintained to a point of not less than 70 inches (1778 mm)above the shower drain outlet with no protrusions other than the fixture valve or valves, showerheads, soap dishes, shelves, and safety grab bars, or rails. Fold-down seats in accessible shower stalls shall be permitted to protrude into the 30 inch(762 mm) circle. Exceptions:(1) Showers that are designed to be in accordance with ICCA117.1.(2) The minimum required area and dimension shall not apply for a shower receptor having overall dimensions of not less than 30 inches (762 mm) in width and 60inches (1524 mm) in length.	408.6 Shower Compartments. Shower compartments, regardless of shape, shall have a minimum finished interior of1024 square inches (0.6606 m2) and shall also be capable of encompassing a 30 inch (762 mm) circle. The minimum required area and dimensions shall be measured at a height equal to the top of the threshold and a point tangent to its centerline. The area and dimensions shall be maintained to a point of not less than 70 inches (1778 mm) above the shower drain outlet with no protrusions other than the fixture valve or valves, showerheads, soap dishes, shelves, and safety grab bars, or rails. Fold-down seats in accessible shower stalls shall be permitted to protrude into the 30 inch (762 mm) circle. Exceptions:(1) Showers that are designed to be in accordance with ICCA117.1.(2) The minimum required area and dimension shall not apply for a shower receptor having overall dimensions of not less than 30 inches (762 mm) in width and 60inches (1524 mm) in length.	FALSE	3.6.2024		
46	408.11	Water Supply Riser	Keep 2024 UPC	408.11 Water Supply Riser. A water supply riser from the shower valve to the showerhead outlet, whether exposed or not, shall be securely attached to the structure.	408.10 Water Supply Riser. A water supply riser from the shower valve to the showerhead outlet, whether exposed or not, shall be securely attached to the structure.	FALSE	3.6.2024		
47	409.0	Bathtubs and Whirlpool Bathtubs.		409.0 Bathtubs and Whirlpool Bathtubs.	409.0 Bathtubs and Whirlpool Bathtubs.	TRUE	3.6.2024		
48	409.2	Waste Outlet	Keep 2024 UPC	409.2 Waste Outlet. Bathtubs and whirlpool bathtubs shall have a waste outlet and fixture tailpiece not less than 11/2inches (40 mm) in diameter. Fixture tailpieces shall be constructed from the materials specified in Section 701.2 for drainage piping. Waste outlets shall be provided with an approved stopper or strainer.	409.2 Waste Outlet. Bathtubs and whirlpool bathtubs shall have a waste outlet and fixture tailpiece not less than 11/2inches (40 mm) in diameter. Fixture tailpieces shall be constructed from the materials specified in Section 701.2 for drainage piping. Waste outlets shall be provided with an approved stopper or strainer.	TRUE	3.6.2024		
49	409.3	Overflow	Keep 2024 UPC	409.3 Overflow. Where overflows are provided, they shall be installed in accordance with Section 404.2.	409.3 Overflow. Where overflows are provided, they shall be installed in accordance with Section 404.2.	TRUE	3.6.2024		
50	409.5	Backflow Protection	Keep 2024 UPC	409.5 Backflow Protection. The water supply to a bathtub and whirlpool bathtub filler valve shall be protected by an airgap or in accordance with Section 417.0.	409.5 Backflow Protection. The water supply to a bathtub and whirlpool bathtub filler valve shall be protected by an airgap or in accordance with Section 417.0.	TRUE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
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51	409.6	Installation and Access	Keep 2024 UPC	409.6 Installation and Access. Bathtubs and whirlpool bathtubs shall be installed in accordance with the manufacturer's installation instructions. Access openings shall be of a size and opening to permit the removal and replacement of the circulation pump. Whirlpool pump access located in the crawl space shall be located not more than 20 feet (6096 mm) from an access door, trap door, or crawl hole. The circulation pump shall be located above the crown weir of the trap. The pump and the circulation piping shall be self-draining to minimize water retention.	409.6 Installation and Access. Bathtubs and whirlpool bathtubs shall be installed in accordance with the manufacturer's installation instructions. Access openings shall be of a size and opening to permit the removal and replacement of the circulation pump. Whirlpool pump access located in the crawl space shall be located not more than 20 feet (6096 mm) from an access door, trap door, or crawl hole. The circulation pump shall be located above the crown weir of the trap. The pump and the circulation piping shall be self-draining to minimize water retention. Suction fittings on whirlpool bathtubs shall comply with ASME A112.19.7/CSA B45.10.	FALSE	3.6.2024		
52	409.6.2/ 4714.409.6.1	Flexible PVC hoses and Tubing	Keep 2024 UPC	409.6.2 Flexible PVC Hoses and Tubing. Flexible PVC hoses and tubing intended to be used on whirlpool bathtub water circulation systems or pneumatic systems shall comply with IAPMO/ANSI Z1033.	409.6.1 Flexible PVC Hoses and Tubing. Flexible PVC hoses and tubing intended to be used on whirlpool bathtub water circulation systems or pneumatic systems shall comply with IAPMO Z1033.	FALSE	3.6.2024		
53	410.0	Bidets.		410.0 Bidets.	410.0 Bidets.	TRUE	3.6.2024		
54	410.1	Application	Keep 2024 UPC	410.1 Application. Bidets shall comply with ASMEA112.19.2/CSA B45.1 or ASME A112.19.3/CSA B45.4.	410.1 Application. Bidets shall comply with ASMEA112.19.2/CSA B45.1 or ASME A112.19.3/CSA B45.4.	TRUE	3.6.2024		
55	410.2	Backflow Protection	Keep 2024 UPC	410.2 Backflow Protection. The water supply to the bidet shall be protected by an air gap or in accordance with Section603.3.2, Section 603.3.5, or Section 603.3.6.	410.2 Backflow Protection. The water supply to the bidet shall be protected by an air gap or in accordance with Section603.3.2, Section 603.3.5, or Section 603.3.6.	TRUE	3.6.2024		
56	410.3	Limitation of Water Temperature in Bidets	Keep 2024 UPC	410.3 Limitation of Water Temperature in Bidets. The maximum hot water temperature discharging from a bidet shall be limited to 110°F (43°C). The maximum temperature shall be regulated by one of the following means:(1) A limiting device conforming to either ASSE1070/ASME A112.1070/CSA B125.70 or CSA B125.3.(2) A water heater conforming to ASSE 1084.	410.3 Limitation of Water Temperature in Bidets. The maximum hot water temperature discharging from a bidet shall be limited to 110 degrees Fahrenheit (43 degrees Celsius).The maximum temperature shall be regulated by one of the following means:(1) a limiting device conforming to either ASSE 1070/ASMEA112.1070 /CSA B125.70 or CSA B125.3; or(2) a water heater conforming to ASSE 1084.	FALSE	3.6.2024		
57	411.0	Water Closets		411.0 Water Closets.	411.0 Water Closets.	TRUE	3.6.2024		
58	411.1	Application	Keep 2024 upc	411.1 Application. Water closets shall comply with ASMEA112.19.2/CSA B45.1, ASME A112.19.3/CSA B45.4, or CSA B45.5/IAPMO Z124. Water closet bowls for public use shall be of the elongated type. In nurseries, schools, and other similar places where plumbing fixtures are provided for the use of children less than 6 years of age, water closets shall be of a size and height suitable for children’s use.	411.1 Application. Water closets shall comply with ASMEA112.19.2/CSA B45.1, ASME A112.19.3/CSA B45.4, B45.5/IAPMO Z124. Water closet bowls for public use shall be of the elongated type. In nurseries, schools, and other similar places where plumbing fixtures are provided for the use of children less than 6 years of age, water closets shall be of a size and height suitable for children’s use.	FALSE	3.6.2024		
59	411.2	Water Consumption	Keep 2024 UPC	411.2 Water Consumption. Water closets shall have a maximum consumption not to exceed 1.6 gallons (6.0 Lpf)of water per flush.	411.2 Water Consumption. Water closets shall have a maximum consumption not to exceed 1.6 gallons (6.0 Lpf)of water per flush.	TRUE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board

Chapter 4 (Keep 2024 UPC)

Line #	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714	Date reviewed by PB	Date of Committee review.	Plumbing Board Action/comment	(A)ccept (R)eject (M)odify
60	411.2.1	Dual Flush Water Closets	Keep 2024 UPC	411.2.1 Dual Flush Water Closets. Dual flush water closets shall comply with ASME A112.19.14. The effective flush volume for dual flush water closets shall be defined as the composite, average flush volume of two reduced flushes and one full flush.	411.2.1 Dual Flush Water Closets. Dual flush water closets shall comply with ASME A112.19.14. The effective flush volume for dual flush water closets shall be defined as the composite, average flush volume of two reduced flushes and one full flush.	TRUE	3.6.2024		
61	411.2.2	Flushometer Valve Activated Water Closets	Keep 2024 UPC	411.2.2 Flushometer Valve Activated Water Closets. Flushometer valve activated water closets shall have a maximum flush volume of 1.6 gallons (6.0 Lpf) of water per flush.	411.2.2 Flushometer Valve Activated Water Closets. Flushometer valve activated water closets shall have a maximum flush volume of 1.6 gallons (6.0 Lpf) of water per flush.	TRUE	3.6.2024		
62	411.3	Water Closet Seats	Keep 2024 UPC	411.3 Water Closet Seats. Water closet seats shall be properly sized for the water closet bowl type, and shall be of smooth, non-absorbent material. Seats, for public use, shall be of the elongated type and either of the open front type or have an automatic seat cover dispenser. Water closet seats shall be provided with or without covers. Plastic seats shall comply with IAPMO/ANSI Z124.5.	411.3 Water Closet Seats. Water closet seats shall be properly sized for the water closet bowl type, and shall be of smooth, non-absorbent material. Seats, for public use, shall be of the elongated type and either of the open front type or have an automatic seat cover dispenser. Plastic seats shall comply with IAPMO Z124.5.	FALSE	3.6.2024		
63	412.0	Urinals		412.0 Urinals.	412.0 Urinals.	TRUE	3.6.2024		
64	412.1	Application	Keep 2024 UPC	412.1 Application. Urinals shall comply with ASMEA112.19.2/CSA B45.1, ASME A112.19.19, or CSAB45.5/IAPMO Z124. Urinals shall have an average water consumption not to exceed 1 gallon (3.8 Lpf) of water per flush.	412.1 Application. Urinals shall comply with ASMEA112.19.2/CSA B45.1, ASME A112.19.19, or CSAB45.5/IAPMO Z124. Urinals shall have an average water consumption not to exceed 1 gallon (3.8 Lpf) of water per flush.	TRUE	3.6.2024		
65	412.2	Backflow Protection	Keep 2024 UPC	412.2 Backflow Protection. A water supply to a urinal shall be protected by an approved-type vacuum breaker or other approved backflow prevention device in accordance with Section 603.5.	412.2 Backflow Protection. A water supply to a urinal shall be protected by an approved-type vacuum breaker or other approved backflow prevention device in accordance with Section 603.5.	TRUE	3.6.2024		
66	413.0	Flushing Devices		413.0 Flushing Devices.	413.0 Flushing Devices.	TRUE	3.6.2024		
67	413.1	Where Required	Keep 2024 UPC	413.1 Where Required. Each water closet, urinal, clinical sink, or other plumbing fixture that depends on trap siphonage to discharge its waste contents shall be provided with a flushometer valve, flushometer tank, or flush tank designed and installed so as to supply water in sufficient quantity and rate of flow to flush the contents of the fixture to which it is connected, to cleanse the fixture, and to refill the fixture trap, without excessive water use. Flushing devices shall comply with the antisiphon requirements in accordance with Section 603.5.	413.1 Where Required. Each water closet, urinal, clinical sink, or other plumbing fixture that depends on trap siphonage to discharge its waste contents shall be provided with a flushometer valve, flushometer tank, or flush tank designed and installed so as to supply water in sufficient quantity and rate of flow to flush the contents of the fixture to which it is connected, to cleanse the fixture, and to refill the fixture trap, without excessive water use. Flushing devices shall comply with the antisiphon requirements in accordance with Section 603.5.	TRUE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
Line #	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714	Date reviewed by PB	Date of Committee review.	Plumbing Board Action/comment	(A)ccept (R)eject (M)odify
68	413.2	Flushometer Valves	Keep 2024 UPC	413.2 Flushometer Valves. Flushometer valves and flushometer tanks shall comply with ASSE 1037/ASMEA112.1037/CSA B125.37, and shall be installed in accordance with Section 603.5.1. No manually controlled flushometer valve shall be used to flush more than one urinal, and each such urinal flushometer valve shall be an approved, self-closing type discharging a predetermined quantity of water. Flushometers shall be installed so that they will be accessible for repair. Flushometer valves shall not be used where the water pressure is insufficient to operate them properly. Where the valve is operated, it shall complete the cycle of operation automatically, opening fully, and closing positively under the line water pressure. Each flushometer shall be provided with a means for regulating the flow through it.	413.2 Flushometer Valves. Flushometer valves and flushometer tanks shall comply with ASSE 1037/ASMEA112.1037/CSA B125.37, and shall be installed in accordance with Section 603.5.1. No manually controlled flushometer valve shall be used to flush more than one urinal, and each such urinal flushometer valve shall be an approved, self-closing type discharging a predetermined quantity of water. Flushometers shall be installed so that they will be accessible for repair. Flushometer valves shall not be used where the water pressure is insufficient to operate them properly. Where the valve is operated, it shall complete the cycle of operation automatically, opening fully, and closing positively under the line water pressure. Each flushometer shall be provided with a means for regulating the flow through it.	TRUE	3.6.2024		
69	413.3	Flush Tanks	Keep 2024 UPC	413.3 Flush Tanks. Flush tanks for manual flushing shall be equipped with a flush valve that complies with ASMEA112.19.5/CSA B45.15 and an antisiphon fill valve (ballcock)that complies with ASSE 1002/ASME A112.1002/CSAB125.12 and installed in accordance with Section 603.5.2.	413.3 Flush Tanks. Flush tanks for manual flushing shall be equipped with a flush valve that complies with ASMEA112.19.5/CSA B45.15 and an antisiphon fill valve (ballcock)that complies with ASSE 1002/ASME A112.1002/CSAB125.12 and installed in accordance with Section 603.5.2.	TRUE	3.6.2024		
70	413.4	Water Supply for Flush Tanks	Keep 2024 UPC	413.4 Water Supply for Flush Tanks. An adequate quantity of water shall be provided to flush and clean the fixture served. The water supply for flushing tanks and flushometer tanks equipped for manual flushing shall be controlled by afloat valve or other automatic device designed to refill the tank after each discharge and to shut completely off the waterflow to the tank where the tank is filled to operational capacity. Provision shall be made to automatically supply water to the fixture to refill the trap seal after each flushing.	413.4 Water Supply for Flush Tanks. An adequate quantity of water shall be provided to flush and clean the fixture served. The water supply for flushing tanks and flushometer tanks equipped for manual flushing shall be controlled by afloat valve or other automatic device designed to refill the tank after each discharge and to shut completely off the waterflow to the tank where the tank is filled to operational capacity. Provision shall be made to automatically supply water to the fixture to refill the trap seal after each flushing.	TRUE	3.6.2024		
71	413.5	Overflows in Flush Tanks	Keep 2024 UPC	413.5 Overflows in Flush Tanks. Flush tanks shall be provided with overflows discharging into the water closet or urinal connected thereto. Overflows supplied as original parts with the fixture shall be of sufficient size to prevent tank flooding at the maximum rate at which the tank is supplied with water under normal operating conditions and where installed in accordance with the manufacturer's installation instructions.	413.5 Overflows in Flush Tanks. Flush tanks shall be provided with overflows discharging into the water closet or urinal connected thereto. Overflows supplied as original parts with the fixture shall be of sufficient size to prevent tank flooding at the maximum rate at which the tank is supplied with water under normal operating conditions and where installed in accordance with the manufacturer's installation instructions.	TRUE	3.6.2024		
72	414.0	Dishwashing Machines.	Keep 2024 UPC	414.0 Dishwashing Machines.	414.0 Dishwashing Machines.	TRUE	3.6.2024		
73	415.0	Drinking Fountain		415.0 Drinking Fountains.	415.0 Drinking Fountains.	TRUE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
Line #	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714	Date reviewed by PB	Date of Committee review.	Plumbing Board Action/comment	(A)ccept (R)eject (M)odify
74	415.3	Drainage Connection	Keep 2024 Upc	415.3 Drainage Connection. Drinking fountains shall be permitted to discharge directly into the drainage system or indirectly through an air break in accordance with Section 809.1.	415.3 Drainage Connection. Drinking fountains shall be permitted to discharge directly into the drainage system or indirectly through an air break in accordance with Section 809.1.	TRUE	3.6.2024		
75	415.4	Location	Keep 2024 UPC	415.4 Location. Drinking fountains shall not be installed in toilet rooms.	415.4 Location. Drinking fountains shall not be installed in toilet rooms.	TRUE	3.6.2024		
76	416.0	Emergency Eye Wash and Shower Equipment.		416.0 Emergency Eyewash and Shower Equipment.	416.0 Emergency Eyewash and Shower Equipment.	TRUE	3.6.2024		
77	416.1	Application	Keep 2024 UPC	416.1 Application. Emergency eyewash and shower equipment shall comply with ISEA Z358.1.	416.1 Application. Emergency eyewash and shower equipment shall comply with ISEA Z358.1.	TRUE	3.6.2024		
78	416.2	Water Supply	Keep 2024 UPC	416.2 Water Supply. Emergency eyewash and shower equipment shall not be limited in the water supply flow rates. Where hot and cold water is supplied to an emergency shower or eyewash station, the temperature of the water supply shall be controlled by a temperature actuated mixing valve complying with ASSE 1071. Where water is supplied directly to an emergency shower or eyewash station from a water heater, the water heater shall comply with ASSE 1085. The flow rate, discharge pattern, and temperature of flushing fluids shall be provided in accordance with ISEA Z358.1.	416.2 Water Supply. Emergency eyewash and shower equipment shall not be limited in the water supply flow rates. Where hot and cold water is supplied to an emergency shower or eyewash station, the temperature of the water supply shall be controlled by a temperature actuated mixing valve complying with ASSE 1071. Where water is supplied directly to an emergency shower or eyewash station from a water heater, the water heater shall comply with ASSE 1085. Flow rate, discharge pattern, and temperature of flushing fluids shall be provided in accordance with ISEA Z358.1 based on the hazardous material.	FALSE	3.6.2024		
79	416.3	Installation	Keep 2024 UPC	416.3 Installation. Emergency eyewash and shower equipment shall be installed in accordance with the manufacturer's installation instructions.	416.3 Installation. Emergency eyewash and shower equipment shall be installed in accordance with the manufacturer's installation instructions.	TRUE	3.6.2024		
80	416.4	Location.	Keep 2024 UPC	416.4 Location. Emergency eyewash and shower equipment shall be located on the same level as the hazard and accessible for immediate use. The path of travel shall be free of obstructions and shall be clearly identified with signage.	416.4 Location. Emergency eyewash and shower equipment shall be located on the same level as the hazard and accessible for immediate use. The path of travel shall be free of obstructions and shall be clearly identified with signage.	TRUE	3.6.2024		
81	416.5	Drain.	Keep 2024 UPC.	416.5 Drain. A drain shall not be required for emergency eyewash or shower equipment. Where a drain is provided, the discharge shall be in accordance with Section 811.0.	416.5 Drain. A drain shall not be required for emergency eyewash or shower equipment. Where a drain is provided, the discharge shall be in accordance with Section 811.0.	TRUE	3.6.2024		
82	417.0	Faucets and Fixture Fittings.		417.0 Faucets and Fixture Fittings.	417.0 Faucets and Fixture Fittings.	TRUE	3.6.2024		
83	417.1	Application	Keep 2024 Upc	417.1 Application. Faucets and fixture fittings shall comply with ASME A112.18.1/CSA B125.1. Fixture fittings covered under the scope of NSF/ANSI/CAN 61 shall comply with the requirements of NSF/ANSI/CAN 61.	417.1 Application. Faucets and fixture fittings shall comply with ASME A112.18.1/CSA B125.1. Fixture fittings covered under the scope of NSF 61 shall comply with the requirements of NSF 61.	FALSE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
Line #	Rules affected	Brief Title	Proposal and Committee recommendation	2024 UPC	2020 MPC 4714	Date reviewed by PB	Date of Committee review.	Plumbing Board Action/comment	(A)ccept (R)eject (M)odify
84	417.2	Deck Mounted Bath/Shower Valves.	Keep 2024 Upc	417.2 Deck Mounted Bath/Shower Valves. Deck mounted bath/shower transfer valves with integral backflow protection shall comply with ASME A112.18.1/CSA B125.1.This shall include handheld showers, and other bathing appliances mounted on the deck of bathtubs or other bathing appliances that incorporate a hose or pull out feature.	417.2 Deck Mounted Bath/Shower Valves. Deck mounted bath/shower transfer valves with integral backflow protection shall comply with ASME A112.18.1/CSA B125.1.This shall include handheld showers, and other bathing appliances mounted on the deck of bathtubs or other bathing appliances that incorporate a hose or pull out feature.	TRUE	3.6.2024		
85	417.3	Handheld Showers	Keep 2024 Upc	417.3 Handheld Showers. Handheld showers shall comply with ASME A112.18.1/CSA B125.1. Handheld showers with integral backflow protection shall comply with ASMEA112.18.1/CSA B125.1 or shall have a backflow prevention device that complies with ASME A112.18.3 or ASSE 1014.	417.3 Handheld Showers. Handheld showers shall comply with ASME A112.18.1/CSA B125.1. Handheld showers with integral backflow protection shall comply with ASMEA112.18.1/CSA B125.1 or shall have a backflow prevention device that complies with ASME A112.18.3 or ASSE 1014.	TRUE	3.6.2024		
86	417.4	Faucets and Fixture Fittings with Hose Connected Outlets	Keep 2024 UPC	417.4 Faucets and Fixture Fittings with Hose Connected Outlets. Faucets and fixture fittings with pull out spout shall comply with ASME A112.18.1/CSA B125.1.Faucets and fixture fittings with pull out spouts with integral backflow protection shall comply with ASMEA112.18.1/CSA B125.1 or shall have a backflow preventer device that complies with ASME A112.18.3.	417.4 Faucets and Fixture Fittings with Hose Connected Outlets. Faucets and fixture fittings with pull out spout shall comply with ASME A112.18.1/CSA B125.1.Faucets and fixture fittings with pull out spouts with integral backflow protection shall comply with ASMEA112.18.1/CSA B125.1 or shall have a backflow preventer device that complies with ASME A112.18.3.	TRUE	3.6.2024		
87	417.5	Separate Controls for Hot and Cold Water.	Keep 2024 UPC	417.5 Separate Controls for Hot and Cold Water. Where two separate handles control the hot and cold water, the left-hand control of the faucet where facing the fixture fitting outlet shall control the hot water. Faucets and diverters shall be connected to the water distribution system so that hot water corresponds to the left side of the fixture fitting. Single-handle mixing valves installed in showers and tub-shower combinations shall have the flow of hot water corresponding to the markings on the fixture fitting.	417.5 Separate Controls for Hot and Cold Water. Where two separate handles control the hot and cold water, the left-hand control of the faucet where facing the fixture fitting outlet shall control the hot water. Faucets and diverters shall be connected to the water distribution system so that hot water corresponds to the left side of the fixture fitting. Single-handle mixing valves installed in showers and tub-shower combinations shall have the flow of hot water corresponding to the markings on the fixture fitting.	TRUE	3.6.2024		
88	417.6	Low-Pressure Water Dispenser	Keep 2024 UPC	417.6 Low-Pressure Water Dispenser. Beverage faucets shall comply with ASME A112.18.1/CSA B125.1. Electrically heated or cooled water dispensers shall comply with ASSE 1023.	417.6 Low-Pressure Water Dispenser. Beverage faucets shall comply with ASME A112.18.1/CSA B125.1. Low-pressure water dispensers that dispense electrically heated water and have a reservoir vented to the atmosphere shall comply with ASSE 1023. Electric devices that heat water shall comply with UL 499.	FALSE	3.6.2024		
89	418	Floor Drains		418.0 Floor Drains.	418.0 Floor Drains.	TRUE	3.6.2024		
90	418.1	Application	Keep 2024 UPC	418.1 Application. Floor drains shall comply with ASMEA112.3.1, ASME A112.6.3, or CSA B79.	418.1 Application. Floor drains shall comply with ASMEA112.3.1, ASME A112.6.3, or CSA B79.	TRUE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
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91	418.2	Strainer	Keep 2024 UPC	418.2 Strainer. Floor drains shall be considered plumbing fixtures and each such drain shall be provided with an approved-type strainer having a waterway equivalent to the area of the tailpiece. Floor drains shall be of an approved type and shall provide a watertight joint on the floor.	418.2 Strainer. Floor drains shall be considered plumbing fixtures and each such drain shall be provided with an approved-type strainer having a waterway equivalent to the area of the tailpiece. Floor drains shall be of an approved type and shall provide a watertight joint on the floor.	TRUE	3.6.2024		
92	418.4	Food Storage Area.	Keep 2024 UPC	418.4 Food Storage Areas. Where drains are provided in storerooms, walk-in freezers, walk-in coolers, refrigerated equipment, or other locations where food is stored, such drains shall have indirect waste piping. Separate waste pipes shall be run from each food storage area, each with an indirect connection to the building sanitary drainage system. Traps shall be provided in accordance with Section 801.3.2 of this code and shall be vented. Indirect drains shall be permitted to be located in freezers or other spaces where freezing temperatures are maintained, provided that traps, where supplied, shall be located where the seal will not freeze. Otherwise, the floor of the freezer shall be sloped to a floor drain located outside of the storage compartment.	<i>418.4 Food Storage Areas. Where drains are provided in storerooms, walk-in freezers, walk-in coolers, refrigerated equipment, or other locations where food is stored, the drains shall have indirect waste piping. Separate waste pipes shall be run from each food storage area, each with an indirect connection to the building sanitary drainage system. Traps shall be provided in accordance with Section 801.3.2 and shall be vented. Indirect drains shall be permitted to be located in freezers or other spaces where freezing temperatures are maintained, provided that traps, where supplied, shall be located where the seal will not freeze. Otherwise, the floor of the freezer shall be sloped to a floor drain located outside of the storage compartment.</i>	FALSE	3.6.2024		
93	418.5	Floor Slope.	Keep 2024 UPC	418.5 Floor Slope. Floors shall be sloped to floor drains.	418.5 Floor Slope. Floors shall be sloped to floor drains.	TRUE	3.6.2024		
94	419	Food Waste Disposers.		419.0 Food Waste Disposers.	419.0 Food Waste Disposers.	TRUE	3.6.2024		
95	419.1	Application	Keep 2024 UPC	419.1 Application. Food waste disposal units shall comply with UL 430. Residential food waste disposers shall also comply with ASSE 1008.	419.1 Application. Food waste disposal units shall comply with UL 430. Residential food waste disposers shall also comply with ASSE 1008.	TRUE	3.6.2024		
96	419.2	Drainage Connection	Keep 2024 UPC	419.2 Drainage Connection. Approved wye or other directional-type branch fittings shall be installed in continuous wastes connecting or receiving the discharge from a food waste disposer. No dishwasher drain shall be connected to a sink tailpiece, continuous waste, or trap on the discharge side of a food waste disposer.	419.2 Drainage Connection. Approved wye or other directional-type branch fittings shall be installed in continuous wastes connecting or receiving the discharge from a food waste disposer. No dishwasher drain shall be connected to a sink tailpiece, continuous waste, or trap on the discharge side of a food waste disposer.	TRUE	3.6.2024		
97	419.3	Water Supply.	Keep 2024 UPC	419.3 Water Supply. A cold water supply shall be provided for food waste disposers. Such connection to the water supply shall be protected by an air gap or backflow prevention device in accordance with Section 603.2.	419.3 Water Supply. A cold water supply shall be provided for food waste disposers. Such connection to the water supply shall be protected by an air gap or backflow prevention device in accordance with Section 603.2.	TRUE	3.6.2024		
98	420	Sinks.		420.0 Sinks.	420.0 Sinks.	TRUE	3.6.2024		
99	420.2	Water Consumption	Keep 2024 UPC	420.2 Water Consumption. Sink faucets shall have a maximum flow rate of not more than 2.2 gpm at 60 psi (8.3 L/mat 414 kPa).Exceptions:(1) Clinical sinks(2) Laundry sinks(3) Service sinks	420.2 Water Consumption. Sink faucets shall have a maximum flow rate of not more than 2.2 gpm at 60 psi (8.3 L/mat 414 kPa).Exceptions:(1) Clinical sinks(2) Laundry trays(3) Service sinks	FALSE	3.6.2024		

Ad Hoc Code Review and Rulemaking Committee 2024 UPC Recommendations to the Board									
Chapter 4 (Keep 2024 UPC)									
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100	420.3	Pre-Rinse Spray Valve.	Keep 2024 UPC	420.3 Pre-Rinse Spray Valve. Commercial food service pre-rinse spray valves shall have a maximum flow rate in accordance with Table 420.3 and shall be equipped with an integral automatic shutoff.	420.3 Pre-Rinse Spray Valve. Commercial food service pre-rinse spray valves shall have a maximum flow rate of 1.6gallons per minute (gpm) at 60 pounds-force per square inch(psi) (6.0 L/m at 414 kPa) and shall be equipped with an integral automatic shutoff.	FALSE	3.6.2024		
101	Table 420.3	Commercial Pre-rinse Spray Valve Maximum Flow Rate.	Keep 2024 UPC			TRUE	3.6.2024		
102	421	Floor Sinks		421.0 Floor Sinks.	421.0 Floor Sinks.	TRUE	3.6.2024		
103	421.1	Application	Keep 2024 UPC	421.1 Application. Floor sinks shall comply with ASMEA112.6.7.	421.1 Application. Floor sinks shall comply with ASMEA112.6.7.	TRUE	3.6.2024		
104	421.2	Strainers.	Keep 2024 UPC	421.2 Strainers. The waste outlet of a floor sink shall be provided with an approved strainer or grate that is removable and accessible.	421.2 Strainers. The waste outlet of a floor sink shall be provided with an approved strainer or grate that is removable and accessible.	TRUE	3.6.2024		
105	422	Minimum Number of Required Fixtures.		422.0 Minimum Number of Required Fixtures.	422.0 Minimum Number of Required Fixtures.	TRUE	3.6.2024		