

CHAPTER 17

REFERENCED STANDARDS

1701.0 General.

1701.1 Standards. The standards listed in Table 1701.1 are referenced in various sections of this code and shall be considered part of the requirements of this document. The standards are listed herein by the standard number and effective

date, the title, application and the section(s) of this code that references the standard. The application of the referenced standard(s) shall be as specified in Section 301.2.2. The promulgating agency acronyms referred to in Table 1701.1 are defined in a list found at the end of the tables.

TABLE 1701.1
REFERENCED STANDARDS

STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ARCSA			
ARCSA/ASPE/ANSI 63-2020	Rainwater Catchment Systems	Miscellaneous	1602.1
ASME			
ASME A112.1.2-2012 (R2017)	Air Gaps in Plumbing Systems (For Plumbing Fixtures and Water-Connected Receptors)	Fittings	Table 603.2
ASME A112.1.3-2000 (R2019)	Air Gap Fittings for Use with Plumbing Fixtures, Appliances, and Appurtenances	Fittings	Table 603.2
ASME A112.3.1-2007 (R2017)	Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications, Above- and Below-Ground	Piping	418.1, Table 701.2, 705.7.2, 1102.1
ASME A112.3.4-2018/CSA B45.9-2018	Macerating Toilet Systems and Waste-Pumping Systems for Plumbing Fixtures	Fixtures	710.13
ASME A112.4.1-2009 (R2019)	Water Heater Relief Valve Drain Tubes	Appliances	608.5(2)
ASME A112.4.2-2021/CSA B45.16-2021	Personal Hygiene Devices for Water Closets	Fixtures	411.4
ASME A112.4.4-2017	Plastic Push-Fit Drain, Waste, and Vent (DWV) Fittings	Fittings	Table 701.2
ASME A112.4.14-2017/CSA B125.14-2017	Manually Operated Valves for Use in Plumbing Systems	Valves	606.1
ASME A112.6.1M-1997 (R2017)	Floor-Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use	Fixtures	402.4
ASME A112.6.2-2017	Framing-Affixed Supports (Carriers) for Off-the-Floor Plumbing Fixtures	Fixtures	402.4
ASME A112.6.3-2019	Floor and Trench Drains	Fixtures	418.1
ASME A112.6.4-2003 (R2012)	Roof, Deck, and Balcony Drains	Fixtures	1102.1
ASME A112.6.7-2010 (R2019)	Sanitary Floor Sinks	Fixtures	421.1
ASME A112.6.9-2005 (R2019)	Siphonic Roof Drains	DWV Components	1106.3
ASME A112.14.1-2003 (R2017)	Backwater Valves	Valves	710.6
ASME A112.14.3-2018	Hydromechanical Grease Interceptors	Fixtures	1014.1, Table 1009.1
ASME A112.14.4-2001 (R2017)	Grease Removal Devices	Fixtures	1014.1, Table 1009.1
ASME A112.14.6-2010 (R2019)	FOG (Fats, Oils, and Greases) Disposal Systems	Fixtures	1015.2, Table 1009.1
ASME A112.18.1-2018/CSA B125.1-2018	Plumbing Supply Fittings	Fittings	408.4, 417.1, 417.2, 417.3, 417.4, 417.6, 603.5.20

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TABLE 1701.1 (continued)
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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASME A112.18.2-2020/CSA B125.2-2020	Plumbing Waste Fittings	Fittings	404.1, 408.5
ASME A112.18.3-2002 (R2017)	Backflow Protection Devices and Systems in Plumbing Fixture Fittings	Backflow Protection	417.3, 417.4
ASME A112.18.6-2017/CSA B125.6-2017 (R2021)	Flexible Water Connectors	Piping	604.5, 604.13
ASME A112.18.8-2020	Sanitary Waste Valves for Plumbing Drainage Systems	Sanitary Waste Valves	814.4
ASME A112.18.9-2011 (R2017)	Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures	Miscellaneous	403.3
ASME A112.19.1-2018/CSA B45.2-2018	Enameled Cast Iron and Enameled Steel Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 415.1, 420.1
ASME A112.19.2-2018/CSA B45.1-2018	Ceramic Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 410.1, 411.1, 412.1, 415.1, 420.1
ASME A112.19.3-2017/CSA B45.4-2017	Stainless Steel Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 410.1, 411.1, 415.1, 420.1
ASME A112.19.5-2017/CSA B45.15-2017	Flush Valves and Spuds for Water Closets, Urinals, and Tanks	Fixtures	413.3
ASME A112.19.7-2020/CSA B45.10-2020	Hydromassage Bathtub Systems	Fixtures	409.1, 409.6.1
ASME A112.19.12-2014 (R2019)	Wall Mounted, Pedestal Mounted, Adjustable, Elevating, Tilting, and Pivoting Lavatory, Sink, and Shampoo Bowl Carrier Systems and Drain Waste Systems	Fixtures	407.1, 420.1
ASME A112.19.14-2013 (R2018)	Six-Liter Water Closets Equipped with a Dual Flushing Device	Fixtures	411.2.1
ASME A112.19.15-2012 (R2017)	Bathtubs/Whirlpool Bathtubs with Pressure Sealed Doors	Fixtures	409.1
ASME A112.19.19-2016 (R2021)	Vitreous China Nonwater Urinals	Fixtures	412.1, 412.1.2
ASSE 1002-2020/ASME A112.1002-2020/CSA B125.12-2020	Anti-Siphon Fill Valves for Water Closet Tanks	Backflow Protection	413.3, Table 603.2
ASME A112.36.2M-1991 (R2017)	Cleanouts	DWV Components	Table 707.2, 707.4.1
ASSE 1016-2017/ASME A112.1016-2017/CSA B125.16-2017	Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	Valves	408.4, 408.4.2(1)
ASSE 1037-2020/ASME A112.1037-2020/CSA B125.37-2020	Pressurized Flushing Devices for Plumbing Fixtures	Backflow Protection	413.2
ASSE 1070-2020/ASME A112.1070-2020/CSA B125.70-2020	Water Temperature Limiting Devices	Valves	407.3(1), 409.4(1), 410.3(1), 417.7(1), 417.8
ASME B1.20.1-2013 (R2018)	Pipe Threads, General Purpose (Inch)	Joints	605.1.5, 605.2.3, 605.5.2, 605.12.3, 705.1.3, 705.3.4, 705.4.2, 705.6.3, 1208.5.8, 1322.5(2)
ASME B16.1-2020	Gray Iron Pipe Flanges and Flanged Fittings: Classes 25, 125, and 250	Fittings	1208.5.11.1
ASME B16.3-2021	Malleable Iron Threaded Fittings: Classes 150 and 300	Fittings	Table 604.1, Table 701.2

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TABLE 1701.1 (continued)
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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASME B16.4-2021	Gray Iron Threaded Fittings: Classes 125 and 250	Fittings	Table 604.1
ASME B16.5-2020	Pipe Flanges and Flanged Fittings: NPS $\frac{1}{2}$ through NPS 24 Metric/Inch	Fittings	1208.5.11.2(1)
ASME B16.12-2019	Cast Iron Threaded Drainage Fittings	Fittings	Table 701.2
ASME B16.15-2018	Cast Copper Alloy Threaded Fittings: Classes 125 and 250	Fittings	Table 604.1
ASME B16.18-2018	Cast Copper Alloy Solder Joint Pressure Fittings	Fittings	Table 604.1
ASME B16.20-2017	Metallic Gaskets for Pipe Flanges	Joints	1208.5.12.2
ASME B16.21-2021	Nonmetallic Flat Gaskets for Pipe Flanges	Joints	1208.5.12.3
ASME B16.22-2018	Wrought Copper and Copper Alloy Solder-Joint Pressure Fittings	Fittings	Table 604.1, 1321.1
ASME B16.23-2016	Cast Copper Alloy Solder Joint Drainage Fittings: DWV	Fittings	Table 701.2
ASME B16.24-2016	Cast Copper Alloy Pipe Flanges, Flanged Fittings, and Valves: Classes 150, 300, 600, 900, 1500, and 2500	Fittings	1208.5.11.3
ASME B16.26-2018	Cast Copper Alloy Fittings for Flared Copper Tubes	Fittings	Table 604.1
ASME B16.29-2017	Wrought Copper and Wrought Copper Alloy Solder-Joint Drainage Fittings – DWV	Fittings	Table 701.2
ASME B16.33-2012 (R2017)	Manually Operated Metallic Gas Valves for Use in Gas Piping Systems Up to 175 psi (Sizes NPS $\frac{1}{2}$ through NPS 2)	Valves	Table 1208.13
ASME B16.34-2020	Valves-Flanged, Threaded, and Welding End	Valves	606.1
ASME B16.42-2016	Ductile Iron Pipe Flanges and Flanged Fittings: Classes 150 and 300	Fuel Gas Piping	1208.5.11.4
ASME B16.44-2012 (R2017)	Manually Operated Metallic Gas Valves for Use in Above Ground Piping Systems up to 5 psi	Valves	Table 1208.13
ASME B16.47-2020	Large Diameter Steel Flanges: NPS 26 through NPS 60 Metric/Inch	Fittings	1208.5.11.2(2)
ASME B16.50-2018	Wrought Copper and Copper Alloy Braze-Joint Pressure Fittings	Fittings	Table 604.1, 1321.1 , 1321.11
ASME B16.51-2018	Copper and Copper Alloy Press-Connect Pressure Fittings	Fittings	Table 604.1
ASME B31.3-2020	Process Piping	Piping	1308.2(9)
ASME B36.10M-2018	Welded and Seamless Wrought Steel Pipe	Fuel Gas, Piping	1208.5.2.2
ASME BPVC Section VIII.1-2021	Rules for Construction of Pressure Vessels - Division 1	Miscellaneous	505.4, 1309.5(2) , 1310.4(2) , 1312.3(2)
ASME BPVC Section IX-2021	Welding, Brazing, and Fusing Qualifications – Qualification Standard for Welding, Brazing, and Fusing Procedures; Welders; Brazers; and Welding, Brazing, and Fusing Operators	Miscellaneous	1322.1.1 , 1322.2.1 , 1323.11
ASPE			
ASPE/ANSI 45-2018	Siphonic Roof Drainage	Storm Drainage	1106.2
ARCSA/ASPE/ANSI 63-2020	Rainwater Catchment Systems	Miscellaneous	1602.1
ASSE			
ASSE 1001-2017	Atmospheric Type Vacuum Breakers	Backflow Protection	Table 603.2
ASSE 1002-2020/ASME A112.1002-2020/CSA B125.12-2020	Anti-Siphon Fill Valves for Water Closet Tanks	Backflow Protection	413.3, Table 603.2
ASSE 1003-2020 ^{e2}	Water Pressure Reducing Valves for Potable Water Distribution Systems	Valves	608.2
ASSE 1004-2017	Commercial Dishwashing Machines	Backflow Protection	414.2
ASSE 1008-2020	Plumbing Aspects of Residential Food Waste Disposer Units	Appliances	419.1
ASSE 1010-2004	Water Hammer Arresters	Appliances	609.11
ASSE 1011-2017	Hose Connection Vacuum Breakers	Backflow Protection	Table 603.2
ASSE 1012-2009	Backflow Preventers with an Intermediate Atmospheric Vent	Backflow Protection	Table 603.2

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TABLE 1701.1 (continued)
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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASSE 1013-2021	Reduced Pressure Principle Backflow Prevention Assemblies	Backflow Protection	Table 603.2
ASSE 1014-2020	Backflow Prevention Devices for Hand-Held Showers	Backflow Protection	417.3
ASSE 1015-2021	Double Check Backflow Prevention	Backflow Protection	Table 603.2
ASSE 1016-2017/ASME A112.1016-2017/CSA B125.16-2017	Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	Valves	408.4, 408.4.2(1)
ASSE 1018-2001 (R2021)	Trap Seal Primer Valves - Potable Water Supplied	Valves	1007.2
ASSE 1019-2011 (R2016)	Wall Hydrant with Backflow Protection and Freeze Resistance	Backflow Protection	Table 603.2
ASSE 1020-2020	Pressure Vacuum Breaker Assemblies	Backflow Protection	Table 603.2
ASSE 1022-2021	Backflow Preventer for Beverage Dispensing Equipment	Backflow Protection	Table 603.2, 603.5.12
ASSE 1023-2020	Electrically Heated or Cooled Water Dispensers	Appliances	417.6
ASSE 1024-2017 (R2021)	Dual Check Backflow Preventers	Backflow Protection	Table 603.2, 603.5.12
ASSE 1032-2004 (R2021)	Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type	Backflow Protection	603.5.12
ASSE 1035-2020	Laboratory Faucet Backflow Preventers	Backflow Protection	Table 603.2, 603.3.11
ASSE 1037-2020/ASME A112.1037-2020/CSA B125.37-2020	Pressurized Flushing Devices for Plumbing Fixtures	Backflow Protection	413.2
ASSE 1044-2015 (R2020)	Trap Seal Primer - Drainage Types and Electric Design Types	DWV Components	1007.2
ASSE 1047-2021	Reduced Pressure Detector Backflow Prevention Assemblies	Backflow Protection	Table 603.2
ASSE 1048-2021	Double Check Detector Backflow Prevention Assemblies	Backflow Protection	Table 603.2
ASSE 1052-2016	Hose Connection Backflow Preventers	Backflow Protection	Table 603.2
ASSE 1053-2019	Dual Check Backflow Preventer Wall Hydrants – Freeze Resistant Type	Backflow Protection	Table 603.2
ANSI/CAN/ASSE/IAPMO 1055-2020	Chemical Dispensers with Integral Backflow Protection	Backflow Protection	Table 603.2, 603.5.22(1)
ASSE 1056-2013 (R2021)	Spill Resistant Vacuum Breaker Assemblies	Backflow Protection	Table 603.2
ASSE 1057-2012	Freeze Resistant Sanitary Yard Hydrants with Backflow Protection	Backflow Protection	Table 603.2
ASSE 1060-2017	Outdoor Enclosures for Fluid Conveying Components with Errata dated February 1, 2019	Miscellaneous	603.4.7
ASSE 1061-2020	Push-Fit Fittings	Fittings	Table 604.1, 605.1.3.3, 605.2.1.1, 605.3.2.1, 605.9.3
ASSE 1062-2017 (R2021)	Temperature Actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings	Valves	408.4.3, 417.7(3)
ASSE 1064-2020	Backflow Prevention Assembly Field Test Kits	Backflow Protection	603.4.2
ASSE 1069-2020	Automatic Temperature Control Mixing Valves	Valves	408.4.1, 408.4.2(2)
ASSE 1070-2020/ASME A112.1070-2020/CSA B125.70-2020	Water Temperature Limiting Devices	Valves	407.3(1), 409.4(1), 410.3(1), 417.7(1), 417.8
ASSE 1071-2012 (R2021)	Temperature Actuated Mixing Valves for Plumbed Emergency Equipment	Valves	416.2
ASSE 1079-2012 (R2021)	Dielectric Pipe Unions	Fittings	605.15, 605.16.1, 605.16.3
ASSE 1081-2014 (R2020)	Backflow Preventers with Integral Pressure Reducing Boiler Feed Valve and Intermediate Atmospheric Vent Style for Domestic and Light Commercial Water Distribution Systems	Backflow Protection	Table 603.2

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TABLE 1701.1 (continued)
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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASSE 1084-2018 ^{el}	Water Heaters with Temperature Limiting Capacity	Appliances	407.3(2), 409.4(2), 410.3(2), 417.7(2), 417.8
ASSE 1085-2018	Water Heaters for Emergency Equipment	Appliances	416.2
ASSE 1087-2018	Commercial and Food Service Water Treatment Equipment Utilizing Drinking Water	Water Conditioning, Water Treatment	Table 611.1
ASSE 1099-2021/WSC PST 2000-2021	Pressurized Water Storage Tanks	Valves	607.2
ASSE/IAPMO/ANSI Series 5000-2015	Cross-Connection Control Professional Qualifications Standard	Certification	603.2, 603.4.2
ASSE/IAPMO/ANSI 6010 2021	Medical Gas Systems Installers	Certification	1323.10
ASSE/IAPMO/ANSI 6020 2021	Medical Gas Systems Inspectors	Miscellaneous	1324.5.4.7, 1324.5.6.2, 1324.5.6.5
ASSE/IAPMO/ANSI 6030 2021	Medical Gas Systems Verifiers	Miscellaneous	1324.5.4.7, 1324.5.6.2, 1324.5.6.5, 1324.5.7.2
ASSE/IAPMO/ANSI 6035 2021	Bulk Medical Gas/Cryogenic Fluid Central Supply Systems Verifiers	Miscellaneous	1324.5.7.3
ASSE/IAPMO/ANSI Series 7000-2020	Residential Potable Water Fire Sprinkler System Installers & Inspectors for One- and Two-Family Dwellings	Miscellaneous	612.1
ASSE/IAPMO/ANSI 12010 2021	Environment of Care, Infection Control and Construction Risk Assessment Professional Qualification Standard	Professional Qualifications	1303.9
ASSP			
ASSP Z359.1 2020	The Fall Protection Code	Miscellaneous	508.2.1.1
ASTM			
ASTM A53/A53M-2020	Standard Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated, Welded and Seamless	Piping	Table 604.1, Table 701.2, 1208.5.2.2(1)
ASTM A74-2021	Standard Specification for Cast Iron Soil Pipe and Fittings	Piping	301.2.4, Table 701.2
ASTM A106/A106M-2019a	Standard Specification for Seamless Carbon Steel Pipe for High Temperature Service	Piping	1208.5.2.2(2)
ASTM A254/A254M-2012 (R2019)	Standard Specification for Copper-Brazed Steel Tubing	Piping	1208.5.3.1
ASTM A268/A268M-2020	Standard Specification for Seamless and Welded Ferritic and Martensitic Stainless Steel Tubing for General Service	Piping	1208.5.3.2(1)
ASTM A269/A269M-2015a (R2019)	Standard Specification for Seamless and Welded Austenitic Stainless Steel Tubing for General Service	Piping	Table 604.1, 1208.5.3.2(2), 1319.1(2)(a)
ASTM A312/A312M-2021	Standard Specification for Seamless, Welded, and Heavily Cold Worked Austenitic Stainless Steel Pipes	Piping	Table 604.1, 1208.5.2.2(3), 1319.1(2)(b), 1319.1(2)(c)
ASTM A403/A403M-2020	Standard Specification for Wrought Austenitic Stainless Steel Piping Fittings	Fittings	1319.1(2)(c)
ASTM A554-2021	Standard Specification for Welded Stainless Steel Mechanical Tubing	Piping	Table 604.1
ASTM A778-2016 (R2021)	Standard Specification for Welded, Unannealed Austenitic Stainless Steel Tubular Products	Piping	Table 604.1
ASTM A861-2004 (R2017)	Standard Specification for High-Silicon Iron Pipe and Fittings	Piping	811.2
ASTM A888-2021a	Standard Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications	Piping	301.2.4, Table 701.2, Table 707.2

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TABLE 1701.1 (continued)
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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASTM A1056-2020	Standard Specification for Cast Iron Couplings used for Joining Hubless Cast Iron Soil Pipe and Fittings	Fittings	705.2.2
ASTM B32-2020	Standard Specification for Solder Metal	Joints	605.1.4, 705.3.3
ASTM B42-2020	Standard Specification for Seamless Copper Pipe, Standard Sizes	Piping	Table 604.1
ASTM B43-2020	Standard Specification for Seamless Red Brass Pipe, Standard Sizes	Piping	Table 604.1, Table 701.2
ASTM B75/B75M-2020	Standard Specification for Seamless Copper Tube	Piping	Table 604.1, Table 701.2
ASTM B88-2020	Standard Specification for Seamless Copper Water Tube	Piping	Table 604.1, 604.4, 903.2.3, 1208.5.3.3 , 1319.1(1)(a)
ASTM B135/B135M-2017	Standard Specification for Seamless Brass Tube	Piping	Table 604.1
ASTM B152/B152M-2019	Standard Specification for Copper Sheet, Strip, Plate, and Rolled Bar	Miscellaneous	408.8.4
ASTM B210/B210M-2019a	Standard Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes	Piping	1208.5.3.4
ASTM B241/B241M-2016	Standard Specification for Aluminum and Aluminum-Alloy Seamless Pipe and Seamless Extruded Tube	Piping	1208.5.2.4, 1208.5.3.4
ASTM B251/B251M-2017	Standard Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube	Piping	Table 604.1, Table 701.2
ASTM B280-2020	Standard Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	Piping	1208.5.3.3, 1319.1(1)(b)
ASTM B302-2017	Standard Specification for Threadless Copper Pipe, Standard Sizes	Piping	Table 604.1, Table 701.2
ASTM B306-2020	Standard Specification for Copper Drainage Tube (DWV)	Piping	Table 701.2, 903.2.3
ASTM B447-2012a (R2021)	Standard Specification for Welded Copper Tube	Piping	Table 604.1
ASTM B813-2016	Standard Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube	Joints	605.1.4, 705.3.3
ASTM B819-2019	Standard Specification for Seamless Copper Tube for Medical Gas Systems	Piping	1318.4, 1318.5, 1319.1(1)(e), 1319.1.1
ASTM B828-2016	Standard Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings	Joints	605.1.4, 705.3.3
ASTM C4-2004 (R2018)	Standard Specification for Clay Drain Tile and Perforated Clay Drain Tile	Piping	Table 1101.4.6
ASTM C425-2021	Standard Specification for Compression Joints for Vitrified Clay Pipe and Fittings	Joints	705.8.1
ASTM C564-2020a	Standard Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings	Joints	705.2.2
ASTM C700-2018	Standard Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated	Piping	Table 701.2, Table 1101.4.6
ASTM C1053-2000 (R2015)	Standard Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications	Piping	811.2
ASTM C1173-2018	Standard Specification for Flexible Transition Couplings for Underground Piping Systems	Fittings	705.10
ASTM C1277-2020	Standard Specification for Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings	Fixtures	301.2.4, 705.2.2
ASTM C1460-2021	Standard Specification for Shielded Transition Couplings for Use With Dissimilar DWV Pipe and Fittings Above Ground	Joints	705.10
ASTM C1461-2021	Standard Specification for Mechanical Couplings Using Thermoplastic Elastomeric (TPE) Gaskets for Joining Drain, Waste, and Vent (DWV), Sewer, Sanitary, and Storm Plumbing Systems for Above and Below Ground Use	Joints	705.10

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TABLE 1701.1 (continued)
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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASTM C1540-2020	Standard Specification for Heavy-Duty Shielded Couplings Joining Hubless Cast Iron Soil Pipe and Fittings	Joints	705.2.2
ASTM C1563-2008 (R2021)	Standard Test Method for Gaskets for Use in Connection with Hub and Spigot Cast Iron Soil Pipe and Fittings for Sanitary Drain, Waste, Vent, and Storm Piping Applications	Joints	705.2.2
ASTM C1822-2021	Standard Specification for Insulating Covers on Accessible Lavatory Piping	Miscellaneous	403.3
ASTM D1785-2021a	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, and 120	Piping	Table 604.1, Table 701.2
ASTM D2235-2021	Standard Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings	Joints	705.1.2
ASTM D2239-2021	Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Controlled Inside Diameter	Piping	Table 604.1
ASTM D2241-2020	Standard Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR Series)	Piping	Table 604.1
ASTM D2464-2015	Standard Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	Fittings	Table 604.1
ASTM D2466-2021	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40	Fittings	Table 604.1
ASTM D2467-2020	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	Fittings	Table 604.1
ASTM D2513-2020	Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings	Piping	1208.5.4, 1208.5.6.2, 1208.5.10.2, 1210.1.7.1(1)
ASTM D2564-2020	Standard Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems	Joints	605.12.2, 705.6.2
ASTM D2609-2021	Standard Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe	Fittings	Table 604.1
ASTM D2661-2021	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings	Piping	Table 701.2, Table 707.2
ASTM D2665-2020	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings	Piping	Table 701.2, Table 707.2
ASTM D2680-2020	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Composite Sewer Piping	Piping	Table 701.2
ASTM D2683-2020	Standard Specification for Socket-Type Polyethylene Fittings for Outside Diameter-Controlled Polyethylene Pipe and Tubing	Fittings	Table 604.1
ASTM D2729-2017	Standard Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	Piping	Table 701.2, Table 1101.4.6
ASTM D2737-2021	Standard Specification for Polyethylene (PE) Plastic Tubing	Piping, Plastic	Table 604.1
ASTM D2846/D2846M-2019a	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems	Piping	Table 604.1, 605.2.2, 605.3.1
ASTM D3034-2016	Standard Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings	Piping, Plastic	Table 701.2
ASTM D3035-2021	Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter	Piping	Table 604.1
ASTM D3138-2004 (R2016)	Standard Specification for Solvent Cement for Transition Joints Between Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC) Non-Pressure Piping Components	Joints	705.9.4
ASTM D3139-2019	Standard Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals	Joints	605.12.1
ASTM D3212-2020	Standard Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals	Joints	705.1.1, 705.6.1

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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASTM D3261-2016	Standard Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	Fittings	Table 604.1
ASTM D4068-2017	Standard Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane	Miscellaneous	408.8.2
ASTM D4551-2017	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane	Miscellaneous	408.8.1
ASTM D6104-1997 (R2017) ^{e1}	Standard Practice for Determining the Performance of Oil/Water Separators Subjected to Surface Run-Off	Interceptors	Table 1009.1
ASTM E84-2021a	Standard Test Method for Surface Burning Characteristics of Building Materials	Miscellaneous	701.2(2), 903.1(2), 1101.4
ASTM E119-2020	Standard Test Methods for Fire Tests of Building Construction and Materials	Miscellaneous	1404.3, 1405.3
ASTM E814-2013a (R2017)	Standard Test Method for Fire Tests of Penetration Firestop Systems	Miscellaneous	1404.3, 1405.3
ASTM F409-2017	Standard Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings	Piping, Plastic	404.1
ASTM F437-2021	Standard Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	Fittings	Table 604.1
ASTM F438-2017	Standard Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40	Fittings	Table 604.1
ASTM F439-2019	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	Fittings	Table 604.1
ASTM F441/F441M-2020	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80	Piping	Table 604.1
ASTM F442/F442M-2020	Standard Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)	Piping	Table 604.1, 605.2.2
ASTM F493-2020	Standard Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings	Joints	605.2.2, 605.3.1
ASTM F628-2012 ^{e3}	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core	Piping	Table 701.2
ASTM F656-2021	Standard Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings	Joints	605.2.2, 605.3.1, 605.12.2, 705.6.2
ASTM F667/F667M-2016 (R2021)	Standard Specification for 3 through 24 in. Corrugated Polyethylene Pipe and Fittings	Piping, Plastic	Table 1101.4.6
ASTM F714-2021a	Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Outside Diameter	Piping	Table 701.2, 715.3.2
ASTM F794-2021	Standard Specification for Poly (Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter	Piping	Table 701.2
ASTM F876-2020b	Standard Specification for Crosslinked Polyethylene (PEX) Tubing	Piping	Table 604.1, 605.9.1
ASTM F877-2020	Standard Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems	Piping	Table 604.1
ASTM F891-2016	Standard Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core	Piping	Table 701.2
ASTM F894-2019	Standard Specification for Polyethylene (PE) Large Diameter Profile Wall Sewer and Drain Pipe	Piping, Plastic	Table 701.2
ASTM F1055-2016a	Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Crosslinked Polyethylene (PEX) Pipe and Tubing	Fittings	Table 604.1, 705.5.1.2

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TABLE 1701.1 (continued)
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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASTM F1216-2021	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube	Piping	715.3.1
ASTM F1281-2017 (R2021) ^{e1}	Standard Specification for Crosslinked Polyethylene/ Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe	Piping	Table 604.1
ASTM F1282-2017	Standard Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe	Piping	Table 604.1
ASTM F1336-2020	Standard Specification for Poly (Vinyl Chloride) (PVC) Gas-keted Sewer Fittings	Fittings	Table 701.2
ASTM F1412-2016	Standard Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems	Piping	811.2
ASTM F1488-2014 (R2019)	Standard Specification for Coextruded Composite Pipe	Piping	Table 701.2
ASTM F1673-2010 (R2021) ^{e1}	Standard Specification for Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems	Piping	811.2
ASTM F1760-2016 (R2020)	Standard Specification for Coextruded Poly(Vinyl Chloride) (PVC) Non-Pressure Plastic Pipe Having Reprocessed Recycled Content	Piping	Table 701.2
ASTM F1807-2019b	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps, for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Fittings	Table 604.1
ASTM F1866-2018	Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings	Fittings	Table 701.2
ASTM F1960-2021	Standard Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	Fittings	Table 604.1
ASTM F1970-2019	Standard Specification for Special Engineered Fittings, Appurtenances or Valves for Use in Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems	Piping	Table 604.1, 606.1
ASTM F1973-2013 (R2018)	Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems	Fuel Gas	1210.1.7.1(2)
ASTM F1974-2009 (R2020)	Standard Specification for Metal Insert Fittings for Polyethylene/ Aluminum/Polyethylene and Crosslinked Polyethylene/ Aluminum/Crosslinked Polyethylene Composite Pressure Pipe	Fittings	Table 604.1, 605.7.1, 605.10.1
ASTM F2080-2019	Standard Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe	Fittings	Table 604.1
ASTM F2098-2018	Standard Specification for Stainless Steel Clamps for Securing SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) to Metal Insert and Plastic Insert Fittings	Fittings	Table 604.1
ASTM F2159-2021	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring, or Alternate Stainless Steel Clamps for SDR9 Crosslinked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Fittings	Table 604.1
ASTM F2389-2021	Standard Specification for Pressure-Rated Polypropylene (PP) Piping Systems	Piping	Table 604.1, 605.11.1, 606.1
ASTM F2434-2019	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Tubing	Fittings	Table 604.1, 605.10.1

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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
ASTM F2509-2015 (R2019)	Standard Specification for Field-Assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene and Polyamide 11 (PA11) Gas Distribution Pipe and Tubing	Fuel Gas	1210.1.7.1(3)
ASTM F2561-2020	Standard Practice for Rehabilitation of a Sewer Service Lateral and Its Connection to the Main Using a One Piece Main and Lateral Cured-in-Place Liner	Piping	715.3.1
ASTM F2599-2020	Standard Practice for the Sectional Repair of Damaged Pipe by Means of an Inverted Cured-In-Place Liner	Piping	715.3.1
ASTM F2618-2021	Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems	Piping	811.2
ASTM F2620-2020	Standard Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings	Joints	605.6.1.1, 605.6.1.3, 705.5.1.1, 705.5.1.3
ASTM F2735-2021	Standard Specification for Plastic Insert Fittings for SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	Fittings	Table 604.1
ASTM F2769-2018	Standard Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems	Piping, Fittings	Table 604.1
ASTM F2831-2019	Standard Practice for Internal Non Structural Epoxy Barrier Coating Material Used in Rehabilitation of Metallic Pressurized Piping Systems	Miscellaneous	320.1
ASTM F2855-2019	Standard Specification for Chlorinated Poly (Vinyl Chloride)/Aluminum/Chlorinated Poly (Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing	Piping	Table 604.1, 605.3.1
ASTM F2945-2018	Standard Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings	Piping	1208.5.4, 1208.5.10.2
ASTM F3226/F3226M-2019	Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Systems	Fittings	Table 604.1
ASTM F3240-2019 ^{e1}	Standard Practice for Installation of Seamless Molded Hydrophilic Gaskets (SMHG) for Long-Term Watertightness of Cured-in-Place Rehabilitation of Main and Lateral Pipelines	Piping	715.3.1
ASTM F3347-2021	Metal Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Fittings	Table 604.1
ASTM F3348-2021a	Plastic Press Insert Fittings with Factory Assembled Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Fittings	Table 604.1
AWS			
AWS A5.8M/A5.8-2019	Filler Metals for Brazing and Braze Welding	Joints	605.1.1, 705.3.1, 1321.3
AWS A5.9/A5.9M-2017 (ISO 14343:2009 MOD)	Welding Consumables—Wire Electrodes, Strip Electrodes, Wires, and Rods for Arc Welding of Stainless and Heat Resisting Steels—Classification	Joints	605.13.2
AWS B2.2/B2.2M-2016	Brazing Procedure and Performance Qualification	Certification	1323.11
AWWA			
AWWA C110-2012	Ductile-Iron and Gray-Iron Fittings	Fittings	Table 604.1
AWWA C111-2017	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings	Joints	605.4.1, 605.4.2
AWWA C151-2017	Ductile-Iron Pipe, Centrifugally Cast	Piping	Table 604.1
AWWA C153-2019	Ductile-Iron Compact Fittings	Fittings	Table 604.1

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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
AWWA C210-2015	Liquid-Epoxy Coatings and Linings for Steel Water Pipe and Fittings	Miscellaneous	604.9
AWWA C500-2019	Metal-Seated Gate Valves for Water Supply Service	Valves	606.1
AWWA C504-2015	Rubber-Seated Butterfly Valves	Valves	606.1
AWWA C507-2018	Ball Valves, 6 in. through 60 in. (150 mm through 1,500 mm)	Valves	606.1
AWWA C510-2017	Double Check-Valve Backflow Prevention Assembly	Backflow Protection	Table 603.2
AWWA C511-2017	Reduced-Pressure Principle Backflow Prevention Assembly	Backflow Protection	Table 603.2
AWWA C530-2017	Pilot-Operated Control Valves	Valves	608.2
AWWA C606-2015	Grooved and Shouldered Joints	Joints	Table 604.1
AWWA C900-2016	Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 in. through 12 in. (100 mm through 300 mm)	Piping	Table 604.1
AWWA C901-2020	Polyethylene (PE) Pressure Pipe and Tubing, $\frac{3}{4}$ in. (19 mm) through 3 in. (76 mm), for Water Service	Piping	Table 604.1
AWWA C904-2016	Crosslinked Polyethylene (PEX) Pressure Tubing, $\frac{1}{2}$ in. through 3 in. (13 mm through 76 mm), for Water Service	Piping	Table 604.1
AWWA C907-2017	Injection-Molded Polyvinyl Chloride (PVC) Pressure Fittings, 4 in. through 12 in. (100 mm through 300 mm), for Water, Wastewater, and Reclaimed Water Service	Fittings	Table 604.1
CFR			
49 CFR 192.281	Plastic Pipe	Plastic, Pipe	1208.5.6.2
49 CFR 192.283	Plastic Pipe: Qualifying Joining Procedures	Plastic, Pipe	1208.5.6.2
CGA			
CGA G-4.1-2018	Cleaning of Equipment for Oxygen Service	Miscellaneous	1318.2, 1321.8.7
CGA M-1-2018	Medical Gas Supply Systems at Health Care Facilities	Miscellaneous	1324.5.7.3
CGA V-5-2019	Diameter Index Safety System (Noninterchangeable Low Pressure Connections for Medical Gas Applications)	Connections	1315.5
CISPI			
CISPI 301-2021	Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications	Piping, Ferrous	301.2.4, Table 701.2, Table 707.2
CISPI 310-2020	Couplings for Use in Connection with Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Applications	Joints	301.2.4, 705.2.2
CSA			
ASME A112.19.2-2018/CSA B45.1-2018	Ceramic Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 410.1, 411.1, 412.1, 415.1, 420.1
ASME A112.19.1-2018/CSA B45.2-2018	Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 415.1, 420.1
ASME A112.19.3-2017/CSA B45.4-2017	Stainless Steel Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 410.1, 411.1, 415.1, 420.1
CSA B45.5-2017/IAPMO Z124-2017	Plastic Plumbing Fixtures (with Errata dated August 2017)	Fixtures	407.1, 408.1, 409.1, 411.1, 412.1, 420.1
CSA B45.8-2018/IAPMO Z403-2018	Terrazzo, Concrete, Composite Stone, and Natural Stone Plumbing Fixtures	Fixtures	407.1, 420.1
ASME A112.3.4-2018/CSA B45.9-2018	Macerating Toilet Systems and Waste-Pumping Systems for Plumbing Fixtures	Fixtures	710.13
ASME A112.19.7-2020/CSA B45.10-2020	Hydromassage Bathtub Systems	Fixtures	409.1, 409.6.1

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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
CSA B45.11-2017/IAPMO Z401-2017 (R2021)	Glass Plumbing Fixtures	Fixtures	407.1
CSA B45.12-2013/IAPMO Z402-2013 (R2018)	Aluminum and Copper Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 420.1
ASME A112.19.5-2017/CSA B45.15-2017	Flush Valves and Spuds for Water Closets, Urinals, and Tanks	Fixtures	413.3
ASME A112.4.2-2021/CSA B45.16-2021	Personal Hygiene Devices for Water Closets	Fixtures	411.4
CSA B64.1.1-2021	Atmospheric Vacuum Breakers (AVB)	Backflow Protection	Table 603.2
CSA B64.1.2-2021	Pressure Vacuum Breakers (PVB)	Backflow Protection	Table 603.2
CSA B64.2.1.1-2021	Hose Connection Dual Check Vacuum Breakers (HCDVB)	Backflow Protection	Table 603.2
CSA B64.4-2021	Reduced Pressure Principle (RP) Backflow Preventers	Backflow Protection	Table 603.2
CSA B64.4.1-2021	Reduced Pressure Principle Backflow Preventers for Fire Protection Systems (RPF)	Backflow Protection	Table 603.2
CSA B64.5-2021	Double Check Valve (DCVA) Backflow Preventers	Backflow Protection	Table 603.2
CSA B64.5.1-2021	Double Check Valve Backflow Preventers for Fire Protection Systems (DCVAF)	Backflow Protection	Table 603.2
CSA B79-2008 (R2018)	Commercial and Residential Drains and Cleanouts	Fixtures	418.1, Table 707.2
ASME A112.18.1-2018/CSA B125.1-2018	Plumbing Supply Fittings	Fittings	408.4, 417.1, 417.2, 417.3, 417.4, 417.6, 603.5.20
ASME A112.18.2-2020/CSA B125.2-2020	Plumbing Waste Fittings	Fittings	404.1, 408.5
CSA B125.3-2018	Plumbing Fittings	Fittings	409.4(1), 410.3(1)
CSA B125.5-2011/IAPMO Z600-2011 (R2016)	Flexible Water Connectors with Excess Flow Shut-off Device	Miscellaneous	604.5
ASME A112.18.6-2017/CSA B125.6-2017 (R2021)	Flexible Water Connectors	Piping	604.5, 604.13
ASSE 1002-2020/ASME A112.1002-2020/CSA B125.12-2020	Anti-Siphon Fill Valves for Water Closet Tanks	Backflow Protection	413.3, Table 603.2
ASME A112.4.14-2017/CSA B125.14-2017	Manually Operated Valves for Use in Plumbing Systems	Valves	606.1
ASSE 1016-2017/ASME A112.1016-2017/CSA B125.16-2017	Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations	Valves	408.4, 408.4.2(1)
ASSE 1037-2020/ASME A112.1037-2020/CSA B125.37-2020	Pressurized Flushing Devices for Plumbing Fixtures	Backflow Protection	413.2
ASSE 1070-2020/ASME A112.1070-2020/CSA B125.70-2020	Water Temperature Limiting Devices	Valves	407.3(1), 409.4(1), 410.3(1), 417.7(1), 417.8
CSA B137.1-2020	Polyethylene (PE) Pipe, Tubing, and Fittings for Cold-Water Pressure Services	Piping	Table 604.1
CSA B137.5-2020	Crosslinked Polyethylene (PEX) Tubing Systems for Pressure Applications	Piping	Table 604.1
CSA B137.6-2020	Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing, and Fittings for Hot- and Cold-Water Distribution Systems (with Update No. 1)	Piping, Fittings	Table 604.1

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STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
CSA B137.9-2020	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems	Piping	Table 604.1
CSA B137.10-2020	Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems	Piping	Table 604.1
CSA B137.11-2020	Polypropylene (PP-R & PP-RCT) Pipe and Fittings for Pressure Applications	Piping	Table 604.1, 605.11.1
CSA B137.18-2020	Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for Pressure Applications	Piping, Fittings	Table 604.1
CSA B181.3-2021	Polyolefin and Polyvinylidene Fluoride (PVDF) Laboratory Drainage Systems	Piping	811.2
CSA B242-2005 (R2021)	Groove- and Shoulder-Type Mechanical Pipe Couplings	Fittings	Table 604.1
CSA B481-2012 (R2017)	Grease Interceptors	Fixtures	Table 1009.1, 1014.1
CSA/ANSI LC 1-2019/CSA 6.26-2019	Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing	Fuel Gas	1208.5.3.5, 1210.4.1(4), 1211.3
ANSI LC 4-2022/CSA 6.32-2022	Press-Connect Metallic Fittings and Valves for Use in Fuel Gas Distribution Systems	Fuel Gas	1208.4(2), 1208.5.9.1, 1208.5.9.2, 1208.5.9.3, Table 1208.13, 1210.4.1(3)
CSA/ANSI Z21.10.1-2019/CSA 4.1-2019	Gas Water Heaters, Volume I, Storage Water Heaters with Input Ratings of 75,000 Btu Per Hour or Less	Fuel Gas, Appliances	Table 501.1(1)
CSA/ANSI Z21.10.3-2019/CSA 4.3-2019	Gas-Fired Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous	Fuel Gas, Appliances	Table 501.1(1)
CSA/ANSI Z21.15-2021/CSA 9.1-2021	Manually Operated Gas Valves for Appliances, Appliance Connector Valves, and Hose End Valves	Fuel Gas	Table 1208.13
CSA/ANSI Z21.18-2019/CSA 6.3-2019	Gas Appliance Pressure Regulators	Gas Pressure Regulators	507.20
ANSI Z21.22-2015/CSA 4.4-2015 (R2020)	Relief Valves for Hot Water Supply Systems	Valves	607.6, 608.7
ANSI Z21.24-2015/CSA 6.10-2015 (R2020)	Connectors for Gas Appliances	Fuel Gas	1212.1(3), 1212.2
ANSI Z21.41-2014/CSA 6.9-2014 (R2019)	Quick Disconnect Devices for Use with Gas Fuel Appliances	Fuel Gas	1212.7
CSA/ANSI Z21.54-2019/CSA 8.4-2019	Gas Hose Connectors for Portable Outdoor Gas Fired Appliances	Fuel Gas	1212.3.2
ANSI Z21.69-2015/CSA 6.16-2015 (R2020)	Connectors for Moveable Gas Appliances	Fuel Gas	1212.1.2
ANSI Z21.75-2016/CSA 6.27-2016	Connectors for Outdoor Gas Appliances and Manufactured Homes	Fuel Gas	1212.1(4)
CSA/ANSI Z21.80-2019/CSA 6.22-2019	Line Pressure Regulators	Fuel Gas	1208.7.1, 1208.15
CSA/ANSI Z21.90-2019/CSA 6.24-2019	Gas Convenience Outlets and Optional Enclosures	Fuel Gas	1212.8
ANSI Z21.93-2017/CSA 6.30-2017	Excess Flow Valves for Natural Gas and Propane Gas with Pressures up to 5 psig	Fuel Gas	1209.1
DOE			
DOE-STD-3020-2015	HEPA Filters Used by DOE Contractors	Miscellaneous	1312.4(3)
IAPMO			
ANSI/CAN/ASSE/IAPMO 1055-2020	Chemical Dispensers with Integral Backflow Protection	Backflow Protection	Table 603.2, 603.5.22
ASSE/IAPMO/ANSI Series 5000-2015	Cross-Connection Control Professional Qualifications Standard	Certification	603.2, 603.4.2

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ASSE/IAPMO/ANSI 6010-2021	Medical Gas Systems Installers	Certification	1323.10
ASSE/IAPMO/ANSI 6020-2021	Medical Gas Systems Inspectors	Miscellaneous	1324.5.4.7, 1324.5.6.2, 1324.5.6.5
ASSE/IAPMO/ANSI 6030-2021	Medical Gas Systems Verifiers	Miscellaneous	1324.5.4.7, 1324.5.6.2, 1324.5.6.5, 1324.5.7.2
ASSE/IAPMO/ANSI 6035-2021	Bulk Medical Gas/Cryogenic Fluid Central Supply Systems Verifiers	Miscellaneous	1324.5.7.3
ASSE/IAPMO/ANSI Series 7000-2020	Residential Potable Water Fire Sprinkler System Installers & Inspectors for One- and Two-Family Dwellings	Miscellaneous	612.1
ASSE/IAPMO/ANSI 12010-2021	Environment of Care, Infection Control and Construction Risk Assessment Professional Qualification Standard	Professional Qualifications	1303.9
IAPMO IGC 78-2019	Drain, Waste and Vent (DWV) Internal Cleanout Fittings	DWV Components	Table 707.2
IAPMO IGC 109-2019	Water Distribution Manifolds	Valves	606.5.1
IAPMO IGC 127-2018	Combined Hand-Washing Systems	Fixtures	407.1, 420.1
IAPMO IGC 154-2019	Shower and Tub/Shower Enclosures, Bathtubs with Glass Pressure-Sealed Doors, and Shower/Steam Panels	Fixtures	408.1
IAPMO IGC 167-2011a ^{e2} (R2021)	Solid Waste Containment Interceptors	Interceptors	Table 1009.1
IAPMO IGC 183-2016	Oil/Water Separators and Coalescing Plate Separators	DWV Components	Table 1009.1, 1017.2
IAPMO IGC 196-2018	Condensate Traps and Overflow Switches for Air-Conditioning Systems	Condensate Traps	814.4
IAPMO IGC 224-2018	ABS, PVC and Cast Iron DWV Test Fitting with Integral Cleanout	DWV Components	Table 707.2
IAPMO IGC 305-2019	ABS and PVC Horizontal Backwater Valves with Lifting Devices	Valves	710.6
IAPMO IGC 322-2018	Alkaline Water – Drinking Water Treatment Units	Miscellaneous	611.1.1
IAPMO IGC 324-2019	Alternate Water Source Systems for Multi-Family, Residential, and Commercial Use	Water Quality	1501.7, 1506.8, 1603.4
IAPMO IGC 325-2016	Oil/Water Separators Performance	Interceptors	Table 1009.1
IAPMO IGC 352-2020 ^{e1}	Diverter Valves for use in Alternate Nonpotable Water Source Systems	Valves	1603.20
IAPMO PS 53-2020	Grooved Mechanical Pipe Couplings and Grooved Fittings	Fittings	Table 604.1
IAPMO PS 59-2016a ^{e2}	Wastewater Diverter/Bypass Valves and Diversion Systems	Fittings	1503.2.2. 1603.20
IAPMO PS 65-2019a	Airgap Units for Water Conditioning Equipment Installation	Backflow Protection	611.2
IAPMO PS 66-2015	Dielectric Fittings	Fittings	605.15, 605.16.1, 605.16.3
IAPMO PS 72-2019	Valves with Atmospheric Vacuum Breakers	Valves	603.5.6(5)
IAPMO PS 76-2021	Trap Primers for Fill Valves and Flushometer Valves	DWV Components	1007.2
IAPMO PS 80-2019	Clarifiers	Interceptors	Table 1009.1
IAPMO PS 90-2014	Elastomeric Test Caps, Cleanout Caps, and Combination Test Caps/Shielded Couplings	DWV Components	Table 707.2
IAPMO PS 104-2019	Pressure Relief Connection for Dispensing Equipment	Valves	603.5.22(1)
IAPMO PS 106-2015 ^{e1}	Tileable Shower Receptors and Shower Kits	Fixtures	408.2
IAPMO PS 117-2021	Press Connections	Fittings	Table 604.1
CSA B45.5-2017/IAPMO Z124-2017	Plastic Plumbing Fixtures (with Errata dated August 2017)	Fixtures	407.1, 408.1, 409.1, 411.1, 412.1, 420.1

REFERENCED STANDARDS

TABLE 1701.1 (continued)
REFERENCED STANDARDS

STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
IAPMO/ANSI Z124.5-2013 ^{e1} (R2018)	Plastic Toilet Seats	Appurtenance	411.3
CSA B45.11-2017/IAPMO Z401-2017 (R2021)	Glass Plumbing Fixtures	Fixtures	407.1
CSA B45.12-2013/IAPMO Z402-2013 (R2018)	Aluminum and Copper Plumbing Fixtures	Fixtures	407.1, 408.1, 409.1, 420.1
CSA B45.8-2018/IAPMO Z403-2018	Terrazzo, Concrete, Composite Stone, and Natural Stone Plumbing Fixtures	Fixtures	407.1, 420.1
IAPMO/ANSI Z601-2018	Scale Reduction Devices	Water Conditioning, Water Treatment	611.1.2
ANSI/CAN/IAPMO Z1001-2021	Prefabricated Gravity Grease Interceptors	Fixtures	Table 1009.1, 1014.1, 1014.3.4
IAPMO/ANSI Z1002-2020	Rainwater Harvesting Tanks	Rainwater Tanks	1603.5
IAPMO/ANSI Z1033-2015 (R2020)	Flexible PVC Hoses and Tubing for Pools, Hot Tubs, Spas, and Jetted Bathtubs	Tubing	409.6.2
IAPMO/ANSI Z1088-2019 ^{e1}	Pre-Pressurized Water Expansion Tanks	Miscellaneous	608.3
IAPMO/ANSI Z1157-2014 ^{e1} (R2019)	Ball Valves	Valves	606.1
ANSI/CAN/IAPMO Z1349-2021	Devices for Detection, Monitoring or Control of Plumbing Systems	Leak Detection	606.9
CSA B125.5-2011/IAPMO Z600-2011 (R2016)	Flexible Water Connectors with Excess Flow Shut-off Device	Miscellaneous	604.5
ICC			
ICC A117.1-2017	Accessible and Usable Buildings and Facilities	Miscellaneous	403.2, 408.7
ISEA			
ISEA Z358.1-2014	Emergency Eyewash and Shower Equipment	Miscellaneous	416.1, 416.2
MSS			
MSS SP-58-2018	Pipe Hangers and Supports—Materials, Design, Manufacture, Selection, Application, and Installation	Miscellaneous	1210.3.5, 1323.4.1
MSS SP-67-2017	Butterfly Valves	Valves	606.1
MSS SP-70-2011	Gray Iron Gate Valves, Flanged and Threaded Ends	Valves	606.1
MSS SP-71-2018	Gray Iron Swing Check Valves, Flanged and Threaded Ends	Valves	606.1
MSS SP-72-2010a	Ball Valves with Flanged or Butt-Welding Ends for General Service	Valves	606.1
MSS SP-78-2011	Gray Iron Plug Valves, Flanged and Threaded Ends	Valves	606.1
MSS SP-80-2019	Bronze Gate, Globe, Angle, and Check Valves	Valves	606.1
MSS SP-110-2010	Ball Valves Threaded, Socket-Welding, Solder Joint, Grooved and Flared Ends	Valves	606.1
MSS SP-122-2017	Plastic Industrial Ball Valves	Valves	606.1
NFPA			
NFPA 13D-2022	Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes	Miscellaneous	612.1, 612.5.3.1
NFPA 30A-2021	Code for Motor Fuel Dispensing Facilities and Repair Garages	Miscellaneous	507.14.2
NFPA 31-2020	Standard for the Installation of Oil-Burning Equipment	Fuel Gas, Appliances	505.3, 1201.1
NFPA 51-2018	Standard for the Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes	Fuel Gas	507.9
NFPA 54/ANSI Z223.1-2021	National Fuel Gas Code	Fuel Gas	Chapter 5, Chapter 12

REFERENCED STANDARDS

TABLE 1701.1 (continued)
REFERENCED STANDARDS

STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
NFPA 58-2020	Liquefied Petroleum Gas Code	Fuel Gas	1208.4(8), 1208.5.6.3, 1208.5.10.4, 1212.11
NFPA 70-2020	National Electrical Code	Miscellaneous	508.2.2, 1210.12.5.2, 1211.2.4, 1211.7, 1317.1(11), 1323.3.1, 1326.4(3)
NFPA 88A-2019	Parking Structures	Miscellaneous	507.14.1
NFPA 99-2021	Health Care Facilities Code	Miscellaneous	1301.3, 1309.13(2), 1317.1(9), 1324.5.9.4, 1326.3, 1326.4(3), 1326.8(4), 1327.1
NFPA 211-2019	Standard for Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances	Fuel Gas, Appliances	509.5.2, 509.5.3, 509.5.6.1, 509.5.6.3
NFPA 409-2022	Standard on Aircraft Hangars	Miscellaneous	507.15
NFPA 780-2020	Standard for the Installation of Lightning Protection Systems	Fuel Gas	1211.5
NFPA 1192-2021	Standard on Recreational Vehicles	Fuel Gas	1202.3(18)
NSF			
NSF/ANSI 3-2021	Commercial Warewashing Equipment	Appliances	414.1
NSF/ANSI 14-2020	Plastics Piping System Components and Related Materials	Miscellaneous	301.2.3, 604.1, 606.1
NSF/ANSI 42-2021	Drinking Water Treatment Units – Aesthetic Effects	Appliances	Table 611.1
NSF/ANSI 44-2018	Residential Cation Exchange Water Softeners	Appliances	Table 611.1
NSF/ANSI 53-2020	Drinking Water Treatment Units-Health Effects	Appliances	Table 611.1
NSF/ANSI 55-2020	Ultraviolet Microbiological Water Treatment Systems	Appliances	Table 611.1
NSF/ANSI 58-2020	Reverse Osmosis Drinking Water Treatment Systems	Appliances	Table 611.1, 611.2
NSF/ANSI/CAN 61-2021	Drinking Water System Components – Health Effects	Miscellaneous	415.1, 417.1, 604.1, 604.9, 606.1, 607.3, 608.2, 609.8.2, Table 611.1
NSF/ANSI 62-2021	Drinking Water Distillation Systems	Appliances	Table 611.1
NSF/ANSI 184-2019	Residential Dishwashers	Appliances	414.1
NSF/ANSI 350-2020	Onsite Residential and Commercial Water Reuse Treatment Systems	Miscellaneous	1501.7, 1506.8, 1603.4
NSF/ANSI 359-2018	Valves for Crosslinked Polyethylene (PEX) Water Distribution Tubing Systems	Valves	606.1
PDI			
PDI G-101-2017	Testing and Rating Procedure for Hydro Mechanical Grease Interceptors with Appendix of Installation and Maintenance	DWV Components	Table 1009.1, 1014.1
PDI G-102-2009	Testing and Certification for Grease Interceptors with FOG Sensing and Alarm Devices	Certification	Table 1009.1, 1014.1
PDI-WH 201-2017	Water Hammer Arresters	Water Supply Components	609.11
UL			
UL 103-2010	Factory-Built Chimneys for Residential Type and Building Heating Appliances (with revisions through September 24, 2021)	Fuel Gas, Appliances	509.5.1, 509.5.1.1
UL 174-2004	Household Electric Storage Tank Water Heaters (with revisions through December 16, 2021)	Appliances	Table 501.1(1)

REFERENCED STANDARDS

TABLE 1701.1 (continued)
REFERENCED STANDARDS

STANDARD NUMBER	STANDARD TITLE	APPLICATION	REFERENCED SECTION
UL 263-2011	Fire Tests of Building Construction and Materials (with revisions through August 5, 2021)	Miscellaneous	1404.3, 1405.3
UL 378-2006	Draft Equipment (with revisions through September 17, 2013)	Fuel Gas, Appliances	509.3.3, 509.13, 509.14.1
UL 399-2017	Drinking Water Coolers (with revisions through July 31, 2020)	Fixtures	415.1
UL 430-2015	Waste Disposers (with revisions through September 14, 2021)	Appliances	419.1
UL 441-2016	Gas Vents (with revisions through August 28, 2019)	Fuel Gas, Vents	509.1
UL 467-2013	Grounding and Bonding Equipment (with revisions through June 7, 2017)	Miscellaneous	1211.2.5
UL 499-2014	Electric Heating Appliances (with revisions through October 22, 2021)	Appliances	Table 501.1(1)
UL 641-2010	Type L Low-Temperature Venting Systems (with revisions through April 23, 2018)	Fuel Gas	509.1
UL 723-2018	Test for Surface Burning Characteristics of Building Materials	Miscellaneous	701.2(2), 903.1(2), 1101.4
UL 732-2018	Oil-Fired Storage Tank Water Heaters (with revisions through August 9, 2018)	Fuel Gas, Appliances	Table 501.1(1)
UL 749-2018	Household Dishwashers	Appliances	414.1
UL 778-2016	Motor-Operated Water Pumps (with revisions through June 29, 2021)	Appliances	1101.14
UL 921-2020	Commercial Dishwashers	Appliances	414.1
UL 959-2010	Medium Heat Appliance Factory-Built Chimneys (with revisions through August 28, 2019)	Fuel Gas, Appliances	509.5.1
UL 1453-2016	Electric Booster and Commercial Storage Tank Water Heaters (with revisions through May 18, 2018)	Appliances	Table 501.1(1)
UL 1479-2015	Fire Tests of Penetration Firestops (with revisions through May 18, 2021)	Miscellaneous	1404.3, 1405.3
UL 1738-2010	Venting Systems for Gas Burning Appliances, Categories II, III, and IV (with revisions through August 26, 2021)	Fuel Gas, Appliances	509.4.1, 509.4.2, 509.4.3
UL 1777-2015	Chimney Liners (with revisions through April 11, 2019)	Chimney Liners	509.5.3(2)
UL 2523-2009	Solid Fuel-Fired Hydronic Heating Appliances, Water Heaters, and Boilers (with revisions through March 16, 2018)	Fuel Gas, Appliances	Table 501.1(1)
UL 2561-2016	1400 Degree Fahrenheit Factory-Built Chimneys (with revisions through April 19, 2018)	Fuel Gas, Appliances	509.5.1
WSC			
ASSE 1099-2021/WSC PST 2000-2021	Pressurized Water Storage Tanks	Valves	607.2

REFERENCED STANDARDS

1701.2 Standards, Publications, Practices, and Guides. The standards, publications, practices, and guides listed in Table 1701.2 are not referenced in other sections of this code. The application of the referenced standards, publications, practices, and guides shall be as specified in Section 301.2.2. The promulgating agency acronyms are found at the end of the tables.

TABLE 1701.2
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
AHAM		
AHAM FWD-1-2016	Food Waste Disposers	Appliances
ARCSA		
ARCSA/ASPE 78-2015	Stormwater Harvesting System Design for Direct End-Use Applications	Miscellaneous
ASCE		
ASCE 25-2016	Earthquake-Actuated Automatic Gas Shutoff Devices	Fuel Gas
ASABE		
ASABE/ICC-802-2014	Landscape Irrigation Sprinkler and Emitter Standard	Irrigation
ASHRAE		
ASHRAE/IES 90.1-2019	Energy Standard for Buildings Except Low-Rise Residential Buildings	Miscellaneous
ASHRAE/IES 90.2-2018	Energy Efficient Design of Low-Rise Residential Buildings	Miscellaneous
ASHRAE 188-2021	Legionellosis: Risk Management for Building Water Systems	Risk Management
ASHRAE Guideline 12-2020	Managing the Risk of Legionellosis Associated with Building Water Systems	Risk Management
ASME		
ASME A13.1-2020	Scheme for the Identification of Piping Systems	Piping
ASME A112.4.3-1999 (R2019)	Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System	Fittings
ASME A112.19.10-2017	Retrofit Dual Flush Devices for Water Closets	Fixtures
ASME A112.21.3M-1985 (R2017)	Hydrants for Utility and Maintenance Use	Valves
ASME B1.20.3-1976 (R2018)	Dryseal Pipe Threads (Inch)	Joints
ASME B16.39-2019	Malleable Iron Threaded Pipe Unions: Classes 150, 250 and 300	Fittings
ASME B16.40-2019	Manually Operated Thermoplastic Gas Shutoffs and Valves in Gas Distribution Systems	Valves
ASME B31.1-2020	Power Piping	Piping
ASME B36.19M-2018	Stainless Steel Pipe	Piping, Ferrous
ASME BPVC Section IV-2021	Rules for Construction of Heating Boilers	Miscellaneous
ASPE		
ARCSA/ASPE 78-2015	Stormwater Harvesting System Design for Direct End-Use Applications	Miscellaneous
WQA/ASPE/ANSI S-803-2017	Sustainable Drinking Water Treatment Systems	Miscellaneous
ASSE		
ASSE 1017-2009	Temperature Actuated Mixing Valves for Hot Water Distribution Systems	Valves
ASSE 1066-1997	Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings	Valves
ASSE 1082-2018	Water Heaters with Integral Temperature Control Devices for Hot Water Distribution Systems	Appliances
ASSE 1086-2020	Reverse Osmosis Water Efficiency – Drinking Water	Appliances
ASSE/IAPMO/ANSI 5110-2015	Backflow Prevention Assembly Testers	Professional Qualifications

REFERENCED STANDARDS

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

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DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
ASSE/IAPMO/ANSI 5120-2015	Cross Connection Control Surveyors	Professional Qualifications
ASSE/IAPMO/ANSI 5130-2015	Backflow Prevention Assembly Repairers	Professional Qualifications
ASSE/IAPMO/ANSI 5140-2015	Fire Protection System Cross Connection Control Tester	Professional Qualifications
ASSE/IAPMO/ANSI 5150-2015	Backflow Prevention Program Administrators	Professional Qualifications
ASSE/IAPMO/ANSI Series 6000-2021	Professional Qualifications Standard for Medical Gas Systems Personnel	Professional Qualifications
ASSE/IAPMO/ANSI 6015-2021	Bulk Medical Gas/Cryogenic Fluid Central Supply Systems Installers	Professional Qualifications
ASSE/IAPMO/ANSI 6040-2021	Medical Gas Systems Maintenance Personnel	Professional Qualifications
ASSE/IAPMO/ANSI 7010-2020	Installers of Residential Potable Water Fire Sprinkler Systems for One- and Two-Family Dwellings	Professional Qualifications
ASSE/IAPMO/ANSI 7020-2020	Inspectors of Residential Potable Water Fire Sprinkler Systems for One- and Two-Family Dwellings	Professional Qualifications
ASSE/IAPMO/ANSI Series 12000-2021	Professional Qualifications Standard for Water Management and Infection Control Risk Assessment for Building Systems	Professional Qualifications
ASSE/IAPMO/ANSI 12020-2021	Environment of Care, Infection Control and Construction Risk Assessment Professional Qualification Standard for Construction and Maintenance Employers	Professional Qualifications
ASSE/IAPMO/ANSI 12060-2021	Water Quality Program Professional Qualifications Standard for Employers and Designated Representatives	Professional Qualifications
ASSE/IAPMO/ANSI 12061-2021	Water Quality Program Professional Qualifications Standard for Plumbers	Professional Qualifications
ASSE/IAPMO/ANSI 12062-2021	Water Quality Program Professional Qualifications Standard for Pipefitters and HVAC Technicians	Professional Qualifications
ASSE/IAPMO/ANSI 12063-2021	Water Quality Program Professional Qualifications Standard for Sprinkler Fitters	Professional Qualifications
ASSE/IAPMO/ANSI 12080-2021	Professional Qualifications Standard for Legionella Water Safety and Management Specialist	Professional Qualifications
ASSE/IAPMO/ANSI Series 13000-2015 (R2020)	Service Plumber and Residential Mechanical Service Technician Professional Qualifications Standard	Professional Qualifications
ASSE/IAPMO/ANSI 13010-2015 (R2020)	Professional Qualifications Standard for the Service Plumber	Professional Qualifications
ASSE/IAPMO/ANSI Series 16000-2019	Professional Qualifications Standard for Inspectors and Plans Examiners	Professional Qualifications
ASSE/IAPMO/ANSI 16010-2019	Plumbing Inspector	Professional Qualifications
ASSE/IAPMO/ANSI 16040-2019	Plumbing Plan Examiner	Professional Qualifications
ASSE/ARCSA/IAPMO/ANSI Series 21000-2017	Rainwater Catchment Systems Personnel	Professional Qualifications
ASSE/IAPMO/ANSI 21110-2017	Rainwater Catchment Systems Installers	Professional Qualifications
ASSE/IAPMO/ANSI 21120-2017	Rainwater Catchment Systems Designers	Professional Qualifications
ASSE/IAPMO/ANSI 21130-2017	Inspectors of Rainwater and Stormwater Catchment Systems	Professional Qualifications
ASTM		
ASTM A48/A48M-2003 (R2021)	Standard Specification for Gray Iron Castings	Piping, Ferrous

REFERENCED STANDARDS

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
ASTM A126-2004 (R2019)	Standard Specification for Gray Iron Castings for Valves, Flanges, and Pipe Fittings	Piping, Ferrous
ASTM A377-2018	Standard Index of Specifications for Ductile Iron Pressure Pipe	Piping, Ferrous
ASTM A479/A479M-2020	Standard Specification for Stainless Steel Bars and Shapes for Use in Boilers and Other Pressure Vessels	Piping, Ferrous
ASTM A536-1984 (R2019) ^{e1}	Standard Specification for Ductile Iron Castings	Piping, Ferrous
ASTM A733-2016	Standard Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples	Piping, Ferrous
ASTM A1045-2010 (R2021)	Standard Specification for Flexible Poly (Vinyl Chloride) (PVC) Gaskets used in Connection of Vitreous China Plumbing Fixtures to Sanitary Drainage Systems	Piping, Plastic
ASTM B29-2019	Standard Specification for Refined Lead	Joints
ASTM B370-2012 (R2019)	Standard Specification for Copper Sheet and Strip for Building Construction	Miscellaneous
ASTM B687-1999 (R2016)	Standard Specification for Brass, Copper, and Chromium-Plated Pipe Nipples	Piping, Copper Alloy
ASTM C14-2020	Standard Specification for Nonreinforced Concrete Sewer, Storm Drain, and Culvert Pipe	Piping, Non-Metallic
ASTM C412-2019	Standard Specification for Concrete Drain Tile	Piping, Non-Metallic
ASTM C443-2021	Standard Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets	Joints
ASTM C444-2021	Standard Specification for Perforated Concrete Pipe	Piping, Non-Metallic
ASTM C478/C478M-2020	Standard Specification for Circular Precast Reinforced Concrete Manhole Sections	Miscellaneous
ASTM C1227-2020	Standard Specification for Precast Concrete Septic Tanks	DWV Components
ASTM C1440-2021	Standard Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems	Joints
ASTM D1784-2020	Standard Classification System and Basis for Specifications for Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC) Compounds	Piping, Plastic
ASTM D2321-2020	Standard Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications	Piping, Plastic
ASTM D2517-2018	Standard Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings	Piping, Plastic
ASTM D2657-2007 (R2015)	Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings	Joints
ASTM D2774-2021a	Standard Practice for Underground Installation of Thermoplastic Pressure Piping	Piping, Plastic
ASTM D2855-2020	Standard Practice for the Two-Step (Primer and Solvent Cement) Method of Joining Poly (Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets	Joints
ASTM D3122-2015	Standard Specification for Solvent Cement for Styrene-Rubber (SR) Plastic Pipe and Fittings	Joints
ASTM D3311-2017 (R2021)	Standard Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns	Fittings
ASTM F402-2018	Standard Practice for Safe Handling of Solvent Cements, Primers, and Cleaners Used for Joining Thermoplastic Pipe and Fittings	Joints
ASTM F480-2014	Standard Specification for Thermoplastic Well Casing Pipe and Couplings Made in Standard Dimension Ratios (SDR), SCH 40 and SCH 80	Piping, Plastic
ASTM F810-2012 (R2018)	Standard Specification for Smoothwall Polyethylene (PE) Pipe for Use in Drainage and Waste Disposal Absorption Fields	Piping, Plastic
ASTM F949-2020	Standard Specification for Poly (Vinyl Chloride) (PVC) Corrugated Sewer Pipe with a Smooth Interior and Fittings	Piping, Plastic
ASTM F1476-2007 (R2019)	Standard Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications	Joints
ASTM F1499-2017	Standard Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV)	Piping, Plastic

REFERENCED STANDARDS

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
ASTM F1743-2017	Standard Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-in-Place Installation of Cured-in-Place Thermosetting Resin Pipe (CIPP)	Piping, Plastic
ASTM F1924-2019	Standard Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing	Fittings
ASTM F1948-2020	Standard Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing	Fittings
ASTM F2165-2019	Standard Specification for Flexible Pre-Insulated Piping	Piping, Plastic
ASTM F2206-2019	Standard Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE)	DWV Components
ASTM F2306/F2306M-2021	Standard Specification for 12 to 60 in. [300 to 1500 mm] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications	Piping, Plastic
AWS		
AWS B2.4-2012	Welding Procedure and Performance Qualification for Thermoplastics	Joints, Certification
AWWA		
AWWA C203-2020	Coal-Tar Protective Coatings and Linings for Steel Water Pipe	Miscellaneous
AWWA C213-2015	Fusion-Bonded Epoxy Coatings and Linings for Steel Water Pipe and Fittings	Miscellaneous
AWWA C215-2016	Extruded Polyolefin Coatings for Steel Water Pipe	Miscellaneous
CFR		
10 CFR 430	Energy Conservation Program for Consumer Products	Energy Conservation
10 CFR 431.106	Uniform Test Method for The Measurement of Energy Efficiency of Commercial Water Heating Equipment	Water Heating Equipment
49 CFR 192	Transportation of Natural and Other Gas by Pipeline: Minimum Federal Standards	Miscellaneous
CGA		
CGA C-9-2019	Standard Color Marking of Compressed Gas Containers for Medical Use	Miscellaneous
CGA S-1.3-2020	Pressure Relief Device Standards-Part 3-Stationary Storage Containers for Compressed Gases	Fuel Gas
CGA V-1-2021	Compressed Gas Cylinder Valve Outlet and Inlet Connections	Valves
CSA		
CSA A257 Series-2019	Standards for Concrete Pipe and Manhole Sections	Piping
CSA B55.2-2020	Drain Water Heat Recovery Units	Miscellaneous
CSA B64.7-2021	Laboratory Faucet Vacuum Breakers (LFVB)	Backflow Protection
CSA B66-2021	Design, Material, and Manufacturing Requirements for Prefabricated Septic Tanks and Sewage Holding Tanks	DWV Components
CSA B128.1-2006/B128.2-2006 (R2016)	Design and Installation of Non-Potable Water Systems/Maintenance and Field Testing of Non-Potable Water Systems	Miscellaneous
CAN/CSA B356-2010 (R2020)	Water Pressure Reducing Valves for Domestic Water Supply Systems	Valves
CAN/CSA G401-2014 (R2019)	Corrugated Steel Pipe Products	Piping, Ferrous
ANSI Z21.12b-1994 (R2020)	Draft Hoods	Fuel Gas, Appliances
CSA Z21.13-2017	Gas Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9)	Fuel Gas, Appliances
ANSI Z21.8.1a-2007/CSA 6.25a-2007 (R2020)	Cylinder Connection Devices	Fuel Gas
CSA Z21.86-2016	Vented Gas Fired Space Heating Appliances (same as CSA 2.32)	Fuel Gas, Appliances

REFERENCED STANDARDS

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
ANSI Z83.11-2016 (R2021)/CSA 1.8-2016 (R2021)	Gas Food Service Equipment	Fuel Gas, Appliances
CSA Z317.1-2021	Special Requirements for Plumbing Installations in Health Care Facilities	Miscellaneous
ENERGY STAR		
Energy Star-2007	Program Requirements for Commercial Ice Machines	Miscellaneous
Energy Star-2012 (version 2.0)	Program Requirements Product Specification for Commercial Dishwashers	Appliances
Energy Star-2016 (version 6.0)	Program Requirements for Residential Dishwashers	Appliances
Energy Star-2018 (version 8.0)	Program Requirements Product specification for Clothes Washers (effective February 5, 2018)	Appliances
EPA		
EPA/600/R-12/618-2012	Guidelines for Water Reuse	Miscellaneous
EPA WaterSense-2007	High Efficiency Lavatory Faucet Specification	Fixtures
EPA WaterSense-2009	Specification for Flushing Urinals	Fixtures
EPA WaterSense-2014	Specification for Tank-Type Toilets	Fixtures
EPA WaterSense-2015	Specification for Flushometer Valve Water Closets	Fixtures
EPA WaterSense-2017	Specification for Spray Sprinkler Bodies	Miscellaneous
EPA WaterSense-2018	Specification for Showerheads	Fixtures
EPA WaterSense-2021	Specification for Soil Moisture-Based Irrigation Controllers	Irrigation
EPA WaterSense-2021	Specification for Weather-Based Irrigation Controllers	Irrigation
IAPMO		
ASSE/IAPMO/ANSI 5110-2015	Backflow Prevention Assembly Testers	Professional Qualifications
ASSE/IAPMO/ANSI 5120-2015	Cross-Connection Control Surveyors	Professional Qualifications
ASSE/IAPMO/ANSI 5130-2015	Backflow Prevention Assembly Repairers	Professional Qualifications
ASSE/IAPMO/ANSI 5140-2015	Fire Protection System Cross-Connection Control Tester	Professional Qualifications
ASSE/IAPMO/ANSI 5150-2015	Backflow Prevention Program Administrators	Professional Qualifications
ASSE/IAPMO/ANSI 6015-2021	Bulk Medical Gas/Cryogenic Fluid Central Supply Systems Installers	Professional Qualifications
ASSE/IAPMO/ANSI 6040-2021	Medical Gas Systems Maintenance Personnel	Professional Qualifications
ASSE/IAPMO/ANSI 7010-2020	Installers of Residential Potable Water Fire Sprinkler Systems for One- and Two-Family Dwellings	Professional Qualifications
ASSE/IAPMO/ANSI 7020-2020	Inspectors of Residential Potable Water Fire Sprinkler Systems for One- and Two-Family Dwellings	Professional Qualifications
ASSE/IAPMO/ANSI Series 12000-2021	Professional Qualifications Standard for Water Management and Infection Control Risk Assessment for Building Systems	Professional Qualifications
ASSE/IAPMO/ANSI 12020-2021	Environment of Care, Infection Control and Construction Risk Assessment Professional Qualification Standard for Construction and Maintenance Employers	Professional Qualifications
ASSE/IAPMO/ANSI 12060-2021	Water Quality Program Professional Qualifications Standard for Employers and Designated Representatives	Professional Qualifications
ASSE/IAPMO/ANSI 12061-2021	Water Quality Program Professional Qualifications Standard for Plumbers	Professional Qualifications

REFERENCED STANDARDS

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
ASSE/IAPMO/ANSI 12062-2021	Water Quality Program Professional Qualifications Standard for Pipefitters and HVAC Technicians	Professional Qualifications
ASSE/IAPMO/ANSI 12063-2021	Water Quality Program Professional Qualifications Standard for Sprinkler Fitters	Professional Qualifications
ASSE/IAPMO/ANSI 12080-2021	Professional Qualifications Standard for Legionella Water Safety and Management Specialist	Professional Qualifications
ASSE/IAPMO/ANSI Series 13000-2015 (R2020)	Service Plumber and Residential Mechanical Service Technician Professional Qualifications Standard	Professional Qualifications
ASSE/IAPMO/ANSI 13010-2015 (R2020)	Professional Qualifications Standard for the Service Plumber	Professional Qualifications
ASSE/IAPMO/ANSI Series 16000-2019	Professional Qualifications Standard for Inspectors and Plans Examiners	Professional Qualifications
ASSE/IAPMO/ANSI 16010-2019	Plumbing Inspector	Professional Qualifications
ASSE/IAPMO/ANSI 16040-2019	Plumbing Plan Examiner	Professional Qualifications
ASSE/ARCSA/IAPMO/ANSI Series 21000-2017	Rainwater Catchment Systems Personnel	Professional Qualifications
ASSE/IAPMO/ANSI 21110-2017	Rainwater Catchment Systems Installers	Professional Qualifications
ASSE/IAPMO/ANSI 21120-2017	Rainwater Catchment Systems Designers	Professional Qualifications
ASSE/IAPMO/ANSI 21130-2017	Inspectors of Rainwater and Stormwater Catchment Systems	Professional Qualifications
ANSI/CAN/IAPMO/ISO 30500-2019	Non-Sewered Sanitation Systems—Prefabricated Integrated Treatment Units—General Safety and Performance Requirements for Design and Testing	Miscellaneous
IAPMO IGC 67-2014 ^{e1}	Specialized ABS and PVC DWV Fittings	DWV Components
IAPMO IGC 193-2020	Safety Plates, Plate Straps, Notched Plates and Safety Collars	Miscellaneous
IAPMO IGC 226-2019	Drinking Water Fountains with or Without Chiller or Heater	Fixtures
IAPMO IGC 244-2021	Tub and Shower Flow-Reduction Systems	Valves
IAPMO IGC 262-2020	Corrugated Thermoplastic Tanks	DWV Components
IAPMO IGC 267-2015 ^{e1}	Hydrants Without Integral Backflow Preventers	Valves
IAPMO IGC 276-2019	Bundled Expanded Polystyrene (EPS) Synthetic Aggregate Units	DWV Components
IAPMO IGC 315-2016	Water Manifold Systems	Fittings
IAPMO IGC 327-2016	Flexible Metallic Expansion Joints for Pressure Systems	Joints
IAPMO IGC 330-2018	Recirculating Shower Systems	Fixtures
IAPMO IGC 332-2017a	Hydronic Radiators	Miscellaneous
IAPMO IS 26-2019 ^{e2}	Trenchless Insertion of Polyethylene (PE) Pipe for Sewer Laterals	Piping
IAPMO PS 1-2019	Tank Risers	DWV Components
IAPMO PS 23-2021	Dishwasher Drain Airgaps	Backflow Protection
IAPMO PS 25-2019	Metallic Fittings Joining Polyethylene Pipe for Water Service and Yard Piping	Joints
IAPMO PS 34-2019	Encasement Sleeves for Potable Water Pipe and Tubing	Piping
IAPMO PS 36-2014 ^{e1}	Lead-Free Sealing Compounds for Threaded Joints	Joints
IAPMO PS 37-2019	Black Plastic PVC or PE Pressure Sensitive Corrosion Preventive Tape	Miscellaneous
IAPMO PS 42-2013 ^{e1}	Pipe Alignment and Secondary Support Systems	Miscellaneous
IAPMO PS 50-2019	Flush Valves with Dual Flush Device for Water Closets or Water Closet Tanks with Integral Flush Valves with a Dual Flush Device	Fixtures

REFERENCED STANDARDS

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
IAPMO PS 51-2021	Expansion Joints and Flexible Expansion Joints for DWV Piping Systems	Joints
IAPMO PS 52-2021	Pump/Dose, Sumps and Sewage Ejector Tanks with or without a Pump	DWV Components
IAPMO PS 54-2021a	Metallic and Plastic Utility Boxes	Miscellaneous
IAPMO PS 63-2019	Plastic Leaching Chambers	DWV Components
IAPMO PS 64-2012a ^{e1}	Roof Pipe Flashings	Miscellaneous
IAPMO PS 67-2019	Early-Closure Replacement Flappers or Early Replacement Flapper with Mechanical Assemblies	Fixtures
IAPMO PS 69-2019	Bathwaste and Overflow Assemblies with Tub Filler Spout	DWV Components
IAPMO PS 73-2015	Dental Liquid-Ring Vacuum Pumps	Miscellaneous
IAPMO PS 79-2019	Multiport Electronic Trap Primers	DWV Components
IAPMO PS 81-2019	Precast Concrete Seepage Pit Liners and Covers	DWV Components
IAPMO PS 85-2019	Tools for Mechanically Formed Tee Connections in Copper Tubing	Miscellaneous
IAPMO PS 86-2019	Rainwater Divertor Valves for Non-Roofed Area Slabs	DWV Components
IAPMO PS 91-2019	Plastic Stabilizers for Use with Plastic Closet Bends	DWV Components
IAPMO PS 92-2013 ^{e1}	Heat Exchangers and Indirect Water Heaters	Miscellaneous
IAPMO PS 94-2012 ^{e1}	Insulated Protectors for P-Traps, Supply Stops and Risers	Miscellaneous
IAPMO PS 95-2018 ^{e3}	Pipe Support Hangers and Hooks	DWV Components
IAPMO PS 101-2019	Suction Relief Valves	Valves
IAPMO PS 110-2019	PVC Cold Water Compression Fittings	Fittings
IAPMO PS 111-2019	PVC Cold Water Gripper Fittings	Fittings
IAPMO PS 112-2019	PVC Plastic Valves for Cold Water Distribution Systems Outside a Building and CPVC Plastic Valves for Hot and Cold Water Distribution Systems	Valves
IAPMO PS 115-2019	Hot Water On-Demand or Automatic Activated Hot Water Pumping Systems	Miscellaneous
IAPMO PS 119-2012a ^{e3}	Water-Powered Sump Pumps	Miscellaneous
IAPMO/ANSI Z124.7-2013 (R2018)	Prefabricated Plastic Spa Shells	Fixtures, Swimming Pools, Spas, and Hot Tubs
IAPMO/ANSI Z124.8-2013 ^{e2} (R2018)	Plastic Liners for Bathtubs and Shower Receptors	Fixtures
IAPMO/ANSI Z1000-2019	Prefabricated Septic Tanks	DWV Components
ICC		
ASABE/ICC 802-2014	Landscape Irrigation Sprinkler and Emitter Standard	Irrigation
ISO		
ANSI/CAN/IAPMO/ISO 30500-2019	Non-Sewered Sanitation Systems—Prefabricated Integrated Treatment Units—General Safety and Performance Requirements for Design and Testing	Miscellaneous
MSS		
MSS SP-25-2018	Standard Marking System for Valves, Fittings, Flanges, and Unions	Miscellaneous
MSS SP-42-2013	Corrosion-Resistant Gate, Globe, Angle, and Check Valves with Flanged and Butt Weld Ends (Classes 150, 300, & 600)	Piping, Ferrous
MSS SP-44-2019	Steel Pipeline Flanges	Fittings
MSS SP-83-2018	Class 3000 and 6000 Pipe Unions, Socket Welding and Threaded (Carbon Steel, Alloy Steel, Stainless Steels, and Nickel Alloys)	Joints
MSS SP-104-2018	Wrought Copper, Solder-Joint Pressure Fittings	Fittings
MSS SP-106-2019	Cast Copper Alloy Flanges and Flanged Fittings: Class 125, 150, and 300	Fittings
MSS SP-109-2018	Weld-Fabricated, Copper Solder-Joint Pressure Fittings	Fittings

REFERENCED STANDARDS

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
MSS SP-123-2018	Non-Ferrous Threaded and Solder-Joint Unions for Use with Copper Water Tube	Joints
NFPA		
NFPA 13R-2022	Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies	Miscellaneous
NFPA 80-2022	Standard for Fire Doors and Other Opening Protectives	Miscellaneous
NFPA 501A-2021	Standard for Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities	Miscellaneous
NFPA 1981-2019	Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services	Miscellaneous
NFPA 1989-2019	Standard on Breathing Air Quality for Emergency Services Respiratory Protection	Miscellaneous
NFPA 5000-2021	Building Construction and Safety Code	Miscellaneous
NSF		
NSF/ANSI 2-2019	Food Equipment	Appliances
NSF/ANSI 4-2020	Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment	Appliances
NSF/ANSI 5-2019	Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment	Appliances
NSF/ANSI 12-2018	Automatic Ice Making Equipment	Appliances
NSF/ANSI 18-2020	Manual Food and Beverage Dispensing Equipment	Appliances
NSF/ANSI 29-2021	Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines	Appliances
NSF/ANSI 40-2020	Residential Wastewater Treatment Systems	DWV Components
NSF/ANSI 41-2018	Non-Liquid Saturated Treatment Systems	DWV Components
NSF/ANSI 46-2021	Evaluation of Components and Devices Used in Wastewater Treatment Systems	DWV Components
NSF/ANSI/CAN 60-2021	Drinking Water Treatment Chemicals - Health Effects	Water Treatment
NSF/ANSI 169-2020	Special Purpose Food Equipment and Devices	Appliances
NSF/ANSI/CAN 372-2020	Drinking Water System Components - Lead Content	Miscellaneous
SAE		
SAE J512-1997	Automotive Tube Fittings	Fittings
SAE J1670-2008	Type "F" Clamps for Plumbing Applications	Joints
TCNA		
TCNA A118.10-2014 (R2019)	Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation	Miscellaneous
UL		
UL 70-2001	Septic Tanks, Bituminous Coated Metal	DWV Components
UL 80-2007	Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (with revisions through April 26, 2019)	Fuel Gas
UL 144-2021	LP-Gas Regulators (with revisions through August 26, 2021)	Fuel Gas
UL 252-2017	Compressed Gas Regulators (with revisions through August 10, 2018)	Fuel Gas
UL 296-2017	Oil Burners (with revisions through January 8, 2021)	Fuel Gas, Appliances
UL 404-2010	Gauges, Indicating Pressure, for Compressed Gas Service (with revisions through February 11, 2015)	Fuel Gas
UL 429-2013	Electrically Operated Valves (with revisions through March 19, 2021)	Valves
UL 536-2021	Flexible Metallic Hose	Fuel Gas

TABLE 1701.2 (continued)
STANDARDS, PUBLICATIONS, PRACTICES, AND GUIDES

DOCUMENT NUMBER	DOCUMENT TITLE	APPLICATION
UL 563-2009	Ice Makers (with revisions through May 26, 2021)	Appliances
UL 569-2013	Pigtails and Flexible Hose Connectors for LP Gas (with revisions through July 28, 2017)	Fuel Gas
UL 726-1995	Oil-Fired Boiler Assemblies (with revisions through October 9, 2013)	Fuel Gas, Appliances
UL 1206-2003	Electric Commercial Clothes-Washing Equipment (with revisions through June 14, 2021)	Appliances
UL 1331-2005	Station Inlets and Outlets (with revisions through February 5, 2020)	Medical Gas
UL 1795-2016	Hydromassage Bathtubs (with revisions through December 8, 2017)	Fixtures
UL 1951-2011	Electric Plumbing Accessories (with revisions through June 27, 2020)	Miscellaneous
UL 2157-2018	Electric Clothes Washing Machines and Extractors (with revisions through September 20, 2019)	Appliances
WQA		
WQA S-300-2000	Point-of-Use Low-Pressure Reverse Osmosis Drinking Water Systems	Appliances
WQA/ASPE/ANSI S-803-2017	Sustainable Drinking Water Treatment Systems	Miscellaneous

ABBREVIATIONS IN TABLE 1701.1 AND TABLE 1701.2

AHAM	Association of Home Appliance Manufacturers, 1111 19th Street, NW, Suite 402, Washington, DC 20036.
ANSI	American National Standards Institute, Inc., 25 W. 43rd Street, 4th Floor, New York, NY 10036.
ARCSA	American Rainwater Catchment Systems Association, 6101 Long Prairie Road, Suite 744, PMB 251, Flower Mound, TX 75028.
ASABE	American Society of Agricultural and Biological Engineers, 2950 Niles Road, Street Joseph, MI 49085.
ASCE	American Society of Civil Engineers, 1801 Alexander Bell Drive, Reston, VA 20191-4400.
ASHRAE	American Society of Heating, Refrigerating, and Air Conditioning Engineers, Inc., 1791 Tullie Circle, NE, Atlanta, GA 30329-2305.
ASME	American Society of Mechanical Engineering, Two Park Avenue, New York, NY 10016-5990.
ASPE	American Society of Plumbing Engineers, 6400 Shafer Court, Suite 350, Rosemont, IL 60018.
ASSE	American Society of Sanitary Engineering, 18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448.
ASSP	American Society of Safety Professionals, 520 N. Northwest Highway, Park Ridge, IL 60068.
ASTM	ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.
AWS	American Welding Society, 8669 NW 36 Street, #130 Miami, FL 33166-6672.
AWWA	American Water Works Association, 6666 W. Quincy Avenue, Denver, CO 80235.
CFR	Code of Federal Regulations, U.S. Government Publishing Office, 723 North Capitol Street, N.W. Washington, DC 20401-0001
CGA	Compressed Gas Association, 14501 George Carter Way, Suite 103, Chantilly, VA 20151.
CISPI	Cast-Iron Soil Pipe Institute, 2401 Fieldcrest Drive, Mundelein, IL 60060.
CSA	Canadian Standards Association, 178 Rexdale Boulevard, Toronto, Ontario, Canada, M9W 1R3.
DOE	U.S. Department of Energy, Forrestal Building, 1000 Independence Avenue, SW, Washington, DC 20585.
e1	An editorial change since the last revision or reapproval.
ENERGY STAR	1200 Pennsylvania Avenue, N.W., Washington, D.C. 20460.
EPA	U.S. Environmental Protection Agency, Office of Wastewater Management (4204M), 1200 Pennsylvania Avenue, N.W., Washington, D.C. 20460.
IAPMO	International Association of Plumbing and Mechanical Officials, 4755 E. Philadelphia Street, Ontario, CA 91761.
ICC	International Code Council, 500 New Jersey Avenue, NW, 6th Floor, Washington, DC 20001.
ISEA	International Safety Equipment Association, 1901 N. Moore Street, Suite 808, Arlington, VA 22209-1762.
ISO	International Organization for Standardization, 1 ch. de la Voie-Creuse, Casa Postale 56, CH-1211 Geneva 20, Switzerland.
MSS	Manufacturers Standardization Society of the Valve and Fittings Industry, 127 Park Street, NE, Vienna, VA 22180.
NFPA	National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02169-7471.
NSF	NSF International, 789 N. Dixboro Road, Ann Arbor, MI 48105.
PDI	Plumbing and Drainage Institute, 800 Turnpike Street, Suite 300, North Andover, MA 01845.
PSAI	Portable Sanitation Association International, 2626 E. 82nd Street, Suite 175, Bloomington, MN 55425.
SAE	Society of Automotive Engineers, 400 Commonwealth Drive, Warrendale, PA 15096.
TCNA	Tile Council of North America, Inc. 100 Clemson Research Blvd., Anderson, SC 29625.
UL	Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062.
WQA	Water Quality Association, 4151 Naperville Road, Lisle, IL 60532-3696.
WSC	Water Systems Council, 1101 30th Street, NW, Suite 500, Washington, D.C. 20007.

