

## CHAPTER 13

# REFERENCED STANDARDS

This chapter lists the standards that are referenced in various sections of this document. The standards are listed herein by the promulgating agency of the standard, the standard identification, the effective date and title, and the section or sections of this document that reference the standard. The application of the referenced standards shall be as specified in Section 102.8.

<b>ANSI</b>	American National Standards Institute 25 West 43rd Street, Fourth Floor New York, NY 10036	Referenced in code section number
Standard Reference Number	Title	
Z4.3—95	Minimum Requirements for Nonsewered Waste-Disposal Systems . . . . .	311.1
Z21.22—99	Relief Valves for Hot Water Supply Systems. . . . .	504.2, 504.5
Z124.1—95	Plastic Bathtub Units. . . . .	407.1
Z124.2—95	Plastic Shower Receptors and Shower Stalls . . . . .	417.1
Z124.3—95	Plastic Lavatories . . . . .	416.1, 416.2
Z124.4—96	Plastic Water Closet Bowls and Tanks . . . . .	420.1
Z124.6—97	Plastic Sinks . . . . .	415.1, 418.1

<b>ARI</b>	Air-Conditioning & Refrigeration Institute 4100 North Fairfax Drive, Suite 200 Arlington, VA 22203	Referenced in code section number
Standard reference number	Title	
1010—94	Self-Contained, Mechanically-Refrigerated Drinking-Water Coolers . . . . .	410.1

<b>ASME</b>	American Society of Mechanical Engineers Three Park Avenue New York, NY 10016-5990	Referenced in code section number
Standard Reference Number	Title	
A112.1.2—1991(R1998)	Air Gaps in Plumbing Systems . . . . .	Table 608.1
A112.1.3—2000	Air Gap Fittings for Use with Plumbing Fixtures, Appliances and Appurtenances. . . . .	608.13.1, Table 608.1
A112.3.1—1993	Performance Standard and Installation Procedures for Stainless Steel Drainage Systems or Sanitary, Storm and Chemical Applications, Above and Below Ground. . . . .	412.1, Table 702.1, Table 702.2, Table 702.3, Table 702.4, 708.2, Table 1102.4, Table 1102.5, 1102.6, Table 1102.7
A112.3.4—2000	Macerating Toilet Systems and Related Components . . . . .	712.4.1
A112.4.1—1993(R1998)	Water Heater Relief Valve Drain Tubes. . . . .	504.6.2
A112.4.3—1999	Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System . . . . .	405.4
A112.6.1M—1997	Floor-Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use. . . . .	405.4.3
A112.6.2—2000	Framing-Affixed Supports for Off-the-Floor Water Closets with Concealed Tanks . . . . .	405.4.3
A112.6.3—2001	Floor and Trench Drains . . . . .	412.1
A112.6.7—2001	Enameled and Epoxy-coated Cast-iron and PVC plastic Sanitary Floor Sinks . . . . .	427.1
A112.14.1—1975(R1998)	Backwater Valves . . . . .	715.2
A112.14.3—2000	Grease Interceptors. . . . .	1003.3.4
A112.14.4—2001	Grease Removal Devices . . . . .	1003.3.4
A112.18.1—2000	Plumbing Fixture Fittings . . . . .	424.1
A112.18.3M—1996	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings . . . . .	424.4
A112.18.6—1999	Flexible Water Connectors . . . . .	605.6
A112.18.7—1999	Deck mounted Bath/Shower Transfer Valves with Integral Backflow Protection . . . . .	424.6
A112.19.1M—1994(R1999)	Enameled Cast Iron Plumbing Fixtures . . . . .	407.1, 410.1, 415.1, 416.1, 418.1
A112.19.2M—1998	Vitreous China Plumbing Fixtures. . . . .	401.2, 405.9, 408.1, 410.1, 416.1, 418.1, 419.1, 420.1

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**ASME—continued**

A112.19.3M—1987(R1996)	Stainless Steel Plumbing Fixtures (Designed for Residential Use).....	405.9, 415.1, 416.1, 418.1
A112.19.4M—1994(R1999)	Porcelain Enameled Formed Steel Plumbing Fixtures .....	407.1, 416.1, 418.1
A112.19.5—1999	Trim for Water-Closet Bowls, Tanks, and Urinals .....	425.4
A112.19.6—1995	Hydraulic Performance Requirements for Water Closets and Urinals .....	419.1, 420.1
A112.19.7M—1995	Whirlpool Bathtub Appliances .....	421.1
A112.19.8M—1987(R1996)	Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Whirlpool Bathtub Appliances.....	421.4
A112.19.9M—1998	Non-Vitreous Ceramic Plumbing Fixtures.....	407.1, 408.1, 410.1, 415.1, 416.1, 417.1, 418.1, 420.1
A112.19.12—2000	Wall Mounted and Pedestal Mounted, Adjustable and Pivoting Lavatory and Sink Carrier Systems .....	416.4, 418.3
A112.19.13—2001	Electrohydraulic Water Closets.....	420.1
A112.19.15—2001	Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors.....	407.4, 421.5
A112.21.2M—1983	Roof Drains .....	1102.6
A112.36.2M—1991(R1998)	Cleanouts .....	708.2
B1.20.1—1983(R1999)	Pipe Threads, General Purpose (inch).....	605.10.3, 605.12.3, 605.14.4, 605.16.3, 605.18.1, 705, 705.2.3, 705.4.3
B16.3—1999	Malleable Iron Threaded Fittings Classes 150 and 300 .....	Table 605.5, Table 702.4, Table 1102.7
B16.4—1998	Gray Iron Threaded Fittings Classes 125 and 250.....	Table 605.5, Table 702.4, Table 1102.7
B16.9—1993	Factory-Made Wrought Steel Butt welding Fittings .....	Table 605.5, Table 702.4, Table 1102.7
B16.11—1996	Forged Fittings, Socket-Welding and Threaded .....	Table 605.5, Table 702.4, Table 1102.7
B16.12—1998	Cast-Iron Threaded Drainage Fittings .....	Table 605.5, Table 702.4, Table 1102.7
B16.15—1985(R1994)	Cast Bronze Threaded Fittings .....	Table 605.5, Table 702.4, Table 1102.7
B16.18—1984(R1994)	Cast Copper Alloy Solder Joint Pressure Fittings .....	Table 605.5, Table 702.4, Table 1102.7
B16.22—1995	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings.....	Table 605.5, Table 702.4, Table 1102.7
B16.23—1992	Cast Copper Alloy Solder Joint Drainage Fittings DWV .....	Table 605.5, Table 702.4, Table 1102.7
B16.26—1988	Cast Copper Alloy Fittings for Flared Copper Tubes .....	Table 605.5, Table 702.4, Table 1102.7
B16.28—1994	Wrought Steel Butt welding Short Radius Elbows and Returns .....	Table 605.5, Table 702.4, Table 1102.7
B16.29—1994	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings—DWV... ..	Table 605.5, Table 702.4, Table 1102.7

**ASSE**

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Standard Reference Number	Title	Referenced in code section number
1001—90	Performance Requirements for Pipe Applied Atmospheric Type Vacuum Breakers.....	425.2, Table 608.1, 608.13.6
1002—99	Performance Requirements for Antisiphon Fill Valves (Ballcocks) for Gravity Water Closet Flush Tanks .....	425.3.1, Table 608.1
1003—95	Performance Requirements for Water Pressure Reducing Valves .....	604.8
1004—90	Performance Requirements for Backflow Prevention Requirements for Commercial Dishwashing Machines .....	409.1
1005—99	Performance Requirements for Water Heater Drain Valves .....	501.3
1006—89	Performance Requirements for Residential Use Dishwashers .....	409.1
1007—92	Performance Requirements for Home Laundry Equipment .....	406.1, 406.2
1008—89	Performance Requirements for Household Food Waste Disposer Units .....	413.1
1009—90	Performance Requirements for Commercial Food Waste Grinder Units .....	413.1
1010—98	Performance Requirements for Water Hammer Arresters .....	604.9
1011—95	Performance Requirements for Hose Connection Vacuum Breakers .....	Table 608.1, 608.13.6
1012—95	Performance Requirements for Backflow Preventers with Intermediate Atmospheric Vent.....	Table 608.1, 608.13.3, 608.16.2
1013—99	Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Fire Protection Principle Backflow Preventers.....	Table 608.1, 608.13.2, 608.16.2
1014—90	Performance Requirements for Handheld Showers .....	424.2
1015—99	Performance Requirements for Double Check Backflow Prevention Assemblies And Double Check Fire Protection Backflow Prevention Assemblies.....	Table 608.1, 608.13.7
1016—96	Performance Requirements for Individual Thermostatic, Pressure Balancing and Combination Control Valves for Individual Fixture Fittings .....	424.3
1017—99	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems .....	424.3, 424.5, 613.1
1018—86	Performance Requirements for Trap Seal Primer Valves; Water Supply Fed.....	1002.4
1019—97	Performance Requirements for Vacuum Breaker Wall Hydrants, Freeze Resistant, Automatic Draining Type .....	Table 608.1, 608.13.6
1020—98	Performance Requirements for Pressure Vacuum Breaker Assembly .....	Table 608.1, 608.13.5
1022—98	Performance Requirements for Backflow Preventer for Carbonated Beverage Machines.....	Table 608.1, 608.16.1

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1024—98	Performance Requirements for Dual Check Valve Type Backflow Preventers (for Residential Supply Service or Individual Outlets) . . . . .	605.3.1, Table 608.1
1035—95	Performance Requirements for Laboratory Faucet Backflow Preventers . . . . .	Table 608.1, 608.13.6
1037—90	Performance Requirements for Pressurized Flushing Devices for Plumbing Fixtures . . . . .	425.2
1044—86	Performance Requirements for Trap Seal Primer Valves; Drainage Type . . . . .	1002.4
1047—99	Performance Requirements for Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies . . . . .	Table 608.1, 608.13.2
1048—99	Performance Requirements for Double Check Detector Fire Protection Backflow Prevention Assemblies . . . . .	Table 608.1, 608.13.7
1051—98	Performance Requirements for Air Admittance Valves for Plumbing Drainage Systems-Fixture and Branch Devices . . . . .	917.1
1052—94	Performance Requirements for Hose Connection Backflow Preventers . . . . .	Table 608.1, 608.13.6
1055—97	Performance Requirements for Chemical Dispensing Systems . . . . .	608.13.9
1056—95	Performance Requirements for Back Siphonage Vacuum Breaker . . . . .	Table 608.1, 608.13.5, 608.13.8
1060—96	Performance Requirements for Outdoor Enclosures for Backflow Prevention Assemblies . . . . .	608.14.1
1062—97	Performance Requirements for Temperature Actuated, Flow Reduction Valves to Individual Fixture Fittings . . . . .	424.5
1066—97	Performance Requirements for Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings . . . . .	604.11
5013—98	Performance Requirements for Testing Reduced Pressure Principle Backflow Prevention Assembly (RPA) and Reduced Pressure Fire Protection Principle Backflow Preventers (RFP) . . . . .	312.9.2
5015—98	Performance Requirements for Testing Double Check Valve Backflow Prevention Assembly (DCVA) . . . . .	312.9.2
5020—98	Performance Requirements for Testing Pressure Vacuum Breaker Assembly (PVBA) . . . . .	312.9.2
5047—98	Performance Requirements for Testing Reduced Pressure Detector Fire Protection Backflow Prevention Assemblies (RPDF) . . . . .	312.9.2
5048—98	Performance Requirements for Testing Double Check Valve Detector Assembly (DCDA) . . . . .	312.9.2
5052—98	Performance Requirements for Testing Hose Connection Backflow Preventers . . . . .	312.9.2
5056—98	Performance Requirements for Testing Spill Resistant Vacuum Breaker . . . . .	312.9.2



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Standard Reference Number	Title	Referenced in code section number
A 53/A 53M—01	Specification for Pipe, Steel, Black and Hot-Dipped, Zinc-Coated Welded and Seamless . . . . .	Table 605.3, Table 605.4, Table 702.1
A 74—98	Specification for Cast Iron Soil Pipe and Fittings . . . . .	Table 702.1, Table 702.2, Table 702.3, Table 702.4, 708.2, Table 1102.4, Table 1102.5, Table 1102.7
A 312/A 312M—01	Specification for Seamless and Welded Austenitic Stainless Steel Pipes . . . . .	Table 605.4, Table 605.5, Table 605.6, 605.23.2
A 733—01	Specification for Welded and Seamless Carbon Steel and Austenitic Stainless Steel Pipe Nipples . . . . .	Table 605.8
A 778—01	Specification for Welded Unannealed Austenitic Stainless Steel Tubular Products . . . . .	Table 605.4, Table 605.5, Table 605.6
A 888—98e1	Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste, and Vent Piping Application . . . . .	Table 702.1, Table 702.2, Table 702.3, Table 702.4, Table 1102.4, Table 1102.5, Table 1102.7
B 32—00	Specification for Solder Metal . . . . .	605.14.3, 605.15.4, 705.9.3, 705.10.3
B 42—98	Specification for Seamless Copper Pipe, Standard Sizes . . . . .	Table 605.3, Table 605.4, Table 702.1
B 43—98	Specification for Seamless Red Brass Pipe, Standard Sizes . . . . .	Table 605.3, Table 605.4, Table 702.1
B 75—99	Specification for Seamless Copper Tube . . . . .	Table 605.3, Table 605.4, Table 702.1, Table 702.2, Table 702.3, Table 1102.4
B 88—99e1	Specification for Seamless Copper Water Tube . . . . .	Table 605.3, Table 605.4, Table 702.1, Table 702.2, Table 702.3, Table 1102.4
B 152/B 152M—00	Specification for Copper Sheet, Strip Plate and Rolled Bar . . . . .	402.3, 425.3.3, 417.5.2.4, 902.2
B 251—97	Specification for General Requirements for Wrought Seamless Copper and Copper-Alloy Tube . . . . .	Table 605.3, Table 605.4, Table 702.1, Table 702.2, Table 702.3, Table 1102.4
B 302—00	Specification for Threadless Copper Pipe, Standard Sizes . . . . .	Table 605.3, Table 605.4, Table 702.1
B 306—99	Specification for Copper Drainage Tube (DWV) . . . . .	Table 702.1, Table 702.2, Table 1102.4
B 447—00	Specification for Welded Copper Tube . . . . .	Table 605.3, Table 605.4
B 687—99	Specification for Brass, Copper, and Chromium-Plated Pipe Nipples . . . . .	Table 605.8

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B 813—00e01	Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube . . . . .	605.14.3, 605.15.4, 705.9.3, 705.10.3
B 828—00	Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings . . . . .	605.14.3, 605.15.4, 705.9.3, 705.10.3
C 4—00	Specification for Clay Drain Tile and Perforated Clay Drain Tile . . . . .	Table 702.3, Table 1102.4, Table 1102.5
C 14—99	Specification for Concrete Sewer, Storm Drain, and Culvert Pipe . . . . .	Table 702.3, Table 1102.4
C 76—00	Specification for Reinforced Concrete Culvert, Storm Drain, and Sewer Pipe . . . . .	Table 702.3, Table 1102.4
C 296—00	Specification for Asbestos-Cement Pressure Pipe . . . . .	Table 605.4
C 425—01	Specification for Compression Joints for Vitrified Clay Pipe and Fittings . . . . .	705.15, 705.16
C 428—97	Specification for Asbestos-Cement Nonpressure Sewer Pipe . . . . .	Table 702.2, Table 702.3, Table 1102.4
C 443—01	Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets . . . . .	705.6, 705.16
C 508—00	Specification for Asbestos-Cement Underdrain Pipe . . . . .	Table 1102.5
C 564—97	Specification for Rubber Gaskets for Cast Iron Soil Pipe and Fittings . . . . .	705.5.2, 705.5.3, 705.16
C 700—00	Specification for Vitrified Clay Pipe, Extra Strength, Standard Strength, and Perforated . . . . .	Table 702.3, Table 1102.4, Table 1102.5
C 1053—00	Specification for Borosilicate Glass Pipe and Fittings for Drain, Waste, and Vent (DWV) Applications . . . . .	Table 702.1, Table 702.4
C 1173—97	Specification for Flexible Transition Couplings for Underground Piping System . . . . .	705.7.1, 705.14.1, 705.16
C 1277—97	Specification for Shielded Coupling Joining Hubless Cast Iron Soil Pipe and Fittings . . . . .	705.5.3
C 1440—99	Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems . . . . .	705.16
C 1460—00	Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground . . . . .	705.16
C 1461—00	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 . . . . .	705.16
D 1527—99	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 . . . . .	Table 605.3
D 1785—99	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80 and 120 . . . . .	Table 605.3
D 1869—95(2000)	Specification for Rubber Rings for Asbestos-Cement Pipe . . . . .	605.11, 605.22, 705.3, 705.16
D 2235—01	Specification for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings . . . . .	605.10.2, 705.2.2, 705.7.2
D 2239—01	Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter . . . . .	Table 605.3
D 2241—00	Specification for Poly (Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR-Series) . . . . .	Table 605.3
D 2282—99	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR) . . . . .	Table 605.3
D 2464—99	Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 . . . . .	Table 605.5, Table 1102.7
D 2466—01	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 . . . . .	Table 605.5, Table 1102.7
D 2467—99	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 . . . . .	Table 605.5, Table 1102.7
D 2468—96a	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe Fittings, Schedule 40 . . . . .	Table 605.5, Table 1102.7
D 2564—96a	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems . . . . .	605.21.2, 705.8.2, 705.14.2
D 2609—00	Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe . . . . .	Table 605.5, Table 1102.7
D 2657—97	Standard Practice for Heat Fusion-Joining of Polyolefin Pipe and Fitting . . . . .	605.19.2, 605.20.2
D 2661—01	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings . . . . .	Table 702.1, Table 702.2, Table 702.3, Table 702.4, 705.2.2, 705.7.2, Table 1102.4, Table 1102.7
D 2662—96a	Specification for Polybutylene (PB) Plastic Pipe (SDR-PR) Based on Controlled Inside Diameter . . . . .	Table 605.3
D 2665—01	Specification for Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings . . . . .	Table 702.1, Table 702.2, Table 702.3, Table 702.4, Table 1102.4, Table 1102.7
D 2666—96a	Specification for Polybutylene (PB) Plastic Tubing . . . . .	Table 605.3
D 2672—96a	Specification for Joints for IPS PVC Pipe Using Solvent Cement . . . . .	Table 605.3
D 2729—96a	Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings . . . . .	Table 1102.5
D 2737—01	Specification for Polyethylene (PE) Plastic Tubing . . . . .	Table 605.3
D 2751—96a	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings . . . . .	Table 702.3, Table 1102.4
D 2846/D 2846M—99	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot and Cold Water Distribution Systems . . . . .	Table 605.3, Table 605.4, 605.16.2
D 2855—96	Standard Practice for Making Solvent-Cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings . . . . .	605.21.2, 705.8.2, 705.14.2

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D 2949—00a	Specification for 3.25-In Outside Diameter Poly (Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings . . . . .	Table 702.1, Table 702.2, Table 702.3
D 3034—00	Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings. . . . .	Table 702.3, Table 702.4, Table 1102.4
D 3139—98	Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals. . . . .	605.10.1, 605.21.1
D 3212—96a	Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals . . . . .	705.2.1, 705.7.1, 705.8.1, 705.14.1
D 3309—96a	Specification for Polybutylene (PB) Plastic Hot and Cold Water Distribution Systems . . . . .	Table 605.3, Table 605.4, 605.19.2, 605.19.3
D 3311—94	Specification for Drain, Waste and Vent (DWV) Plastic Fittings Patterns . . . . .	Table 702.4
D 4068—01	Specification for Chlorinated Polyethylene (CPE) Sheeting for Concealed Water-Containment Membrane . . . . .	417.5.2.2
D 4551—96(2001)	Specification for Poly (Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane . . . . .	417.5.2.1
F 405—97	Specification for Corrugated Polyethylene (PE) Tubing and Fittings. . . . .	Table 1102.5
F 409—99a	Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings . . . . .	424.1.2, Table 1102.7
F 437—99	Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80. . . . .	Table 605.5, Table 1102.7
F 438—01	Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40. . . . .	Table 605.5, Table 1102.7
F 439—01	Specification for Socket-Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80. . . . .	Table 605.5, Table 1102.7
F 441/F 441M—99	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 . . . . .	Table 605.3, Table 605.4 Table 605.5
F 442/F 442M—99	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR). . . . .	Table 605.3, Table 605.4, Table 605.5
F 477—99	Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe. . . . .	605.22, 705.16
F 493—97	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings. . . . .	605.16.2
F 628—01	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe with a Cellular Core . . . . .	Table 702.1, Table 702.2, Table 702.3, Table 702.4, 705.2.2, 705.7.2, Table 1102.4
F 656—96a	Specification for Primers for Use in Solvent Cement Joints of Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings . . . . .	605.21.2, 705.8.2, 705.14.2
F 714—00	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter. . . . .	Table 702.3
F 876—00	Specification for Cross-linked Polyethylene (PEX) Tubing . . . . .	Table 605.3
F 877—00	Specification for Cross-linked Polyethylene (PEX) Plastic Hot and Cold Water Distribution Systems. . . . .	Table 605.3, Table 605.4
F 891—00	Specification for Coextruded Poly (Vinyl Chloride) (PVC) Plastic Pipe with a Cellular Core. . . . .	Table 702.1, Table 702.2, Table 702.3, Table 702.4, Table 1102.4, Table 1102.5
F 1281—e01	Specification for Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Pressure Pipe . . . . .	Table 605.3, Table 605.4
F 1282—01a	Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe. . . . .	Table 605.3, Table 605.4
F 1488—00	Specification for Coextruded Composite Pipe. . . . .	Table 702.1, Table 702.2, Table 702.3
F 1807—99	Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing. . . . .	Table 605.5, 605.17.2
F 1866—98	Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40 Drainage and DWV Fabricated Fittings . . . . .	Table 702.4
F 1960—99	Specification for Cold Expansion Fittings with PEX Reinforcing Rings for use with Cross-linked Polyethylene (PEX) Tubing. . . . .	Table 605.5
F 1974—00	Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Composite Pressure Pipe. . . . .	Table 605.5
F 2080—01	Specifications for Cold-Expansion Fittings with Metal Compression-Sleeves for Cross-linked Polyethylene (PEX) Pipe . . . . .	Table 605.5



American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126

Standard Reference Number	Title	Referenced in code section number
A5.8—92	Specifications for Filler Metals for Brazing and Braze Welding. . . . .	605.12.1, 605.14.1, 605.15.1, 705.4.1, 705.9.1, 705.10.1



**REFERENCED STANDARDS**



American Water Works Association  
6666 West Quincy Avenue  
Denver, CO 80235

Standard Reference Number	Title	Referenced in code section number
C104—95	Standard for Cement-Mortar Lining for Ductile-Iron Pipe and Fittings for Water . . . . .	.605.3, 605.5
C110—98	Standard for Ductile-Iron and Gray-Iron Fittings, 3 Inches through 48 Inches, for Water . . . . .	Table 605.5, Table 702.4, Table 1102.7
C111—00	Standard for Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings . . . . .	.605.13
C115—99	Standard for Flanged Ductile-Iron Pipe with Ductile-Iron or Gray-Iron Threaded Flanges . . . . .	Table 605.3
C151—96	Standard for Ductile-Iron Pipe, Centrifugally Cast for Water . . . . .	Table 605.3
C153—00	Standard for Ductile-Iron Compact Fittings for Water Service . . . . .	Table 605.5
C510—00	Double Check Valve Backflow Prevention Assembly . . . . .	Table 608.1, 608.13.7
C511—00	Reduced-Pressure Principle Backflow Prevention Assembly . . . . .	Table 608.1, 608.13.2, 608.16.2
C651—99	Disinfecting Water Mains . . . . .	.610.1
C652—92	Disinfection of Water-Storage Facilities . . . . .	.610.1



Cast Iron Soil Pipe Institute  
5959 Shallowford Road, Suite 419  
Chattanooga, TN 37421

Standard Reference Number	Title	Referenced in code section number
301—00	Specification for Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications . . . . .	Table 702.1, Table 702.2, Table 702.3, Table 702.4, Table 1102.4, Table 1102.5, Table 1102.7
310—97	Specification for Coupling for Use in Connection with Hubless Cast Iron Soil Pipe and Fittings for Sanitary and Storm Drain, Waste and Vent Piping Applications . . . . .	.705.5.3



Canadian Standards Association  
178 Rexdale Blvd.  
Rexdale (Toronto), Ontario, Canada M9W 1R3

Standard Reference Number	Title	Referenced in code section number
B45.1—99	Ceramic Plumbing Fixtures . . . . .	.408.1, 416.1, 418.1, 419.1, 420.1
B45.2—99	Enameled Cast-Iron Plumbing Fixtures . . . . .	.407.1, 415.1, 416.1, 418.1
B45.3—99	Porcelain Enameled Steel Plumbing Fixtures . . . . .	.407.1, 416.1, 418.1
B45.4—99	Stainless-Steel Plumbing Fixtures . . . . .	.415.1, 416.1, 418.1, 420.1
B45.5—99	Plastic Plumbing Fixtures . . . . .	.407.1, 416.2, 417.1, 419.1, 420.1, 421.1
B45.9—99	Macerating Systems and Related Components . . . . .	.712.4.1
B45.10—01	Hydromassage Bathtubs . . . . .	.421.1
B64.7—94	Vacuum Breakers, Laboratory Faucet Type (LFVB) . . . . .	Table 608.1, 608.13.6
B79—94(2000)	Floor, Area and Shower Drains, and Cleanouts for Residential Construction . . . . .	.412.1
B125—98	Plumbing Fittings . . . . .	.424.1, 424.3, 424.4, 425.3.1, 425.4, Table 608.1
B137.1—99	Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services . . . . .	Table 605.3
B137.2—99	PVC Injection-Moulded Gasketed Fittings for Pressure Applications . . . . .	Table 605.5, Table 1102.7
B137.3—99	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications . . . . .	Table 605.3, 605.21.2, 705.8.2, 705.14.2
B137.5—99	Cross-Linked Polyethylene (PEX) Tubing Systems for Pressure Applications—with Revisions through September 1992 . . . . .	Table 605.3, Table 605.4
B137.6—99	CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems—with Revisions through May 1986 . . . . .	Table 605.3, Table 605.4
B181.1—99	ABS Drain, Waste, and Vent Pipe and Pipe Fittings . . . . .	Table 702.1, Table 702.2, Table 702.4, 705.2.2, 705.7.2, 715.2
B181.2—99	PVC Drain, Waste, and Vent Pipe and Pipe Fittings—with Revisions through December 1993 . . . . .	Table 702.1, Table 702.2, 705.8.2, 705.14.2, 715.2
B182.1—99	Plastic Drain and Sewer Pipe and Pipe Fittings . . . . .	.705.8.2, 705.14.2

ASTM—continued

B182.2—99	PVC Sewer Pipe and Fittings (PSM Type) . . . . .	Table 702.3, Table 1102.4, Table 1102.5
CAN3-B137.8M—99	Polybutylene (PB) Piping for Pressure Applications—with Revisions through July 1992. . . . .	Table 605.3, Table 605.4, 605.19.2, 605.19.3
CAN/CSA-A257.1M—92	Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings. . . . .	Table 702.3, Table 1102.4
CAN/CSA-A257.2M—92	Reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings . . . . .	Table 702.3, Table 1102.4
CAN/CSA-A257.3M—92	Joints for Circular Concrete Sewer and Culvert Pipe, Manhole Sections, and Fittings Using Rubber Gaskets . . . . .	705.6, 705.16
CAN/CSA-B64.1.1—01	Vacuum Breakers, Atmospheric Type (AVB) . . . . .	425.2, Table 608.1, 608.13.6
CAN/CSA-B64.2—01	Vacuum Breakers, Hose Connection Type (HCVB) . . . . .	Table 608.1, 608.13.6
CAN/CSA-B64.2.2—01	Vacuum Breakers, Hose Connection Type (HCVB) with Automatic Draining Feature. . . . .	Table 608.1, 608.13.6
CAN/CSA-B64.3—01	Backflow Preventers, Dual Check Valve Type with Atmospheric Port (DCAP). . . . .	Table 608.1, 608.13.3, 608.16.2
CAN/CSA-B64.4—01	Backflow Preventers, Reduced Pressure Principle Type (RP) . . . . .	Table 608.1, 608.13.2, 608.16.2
CAN/CSA-B64.10—01	Manual for the Selection, Installation, Maintenance and Field Testing of Backflow Prevention Devices . . . . .	312.9.2
CAN/CSA-B137.9—99	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems . . . . .	Table 605.3
CAN/CSA-B137.10M—99	Cross-linked Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems . . . . .	Table 605.3, Table 605.4
CAN/CSA-B181.3—99	Polyolefin Laboratory Drainage Systems. . . . .	Table 702.1, Table 702.2
CAN/CSA-B182.4—99	Profile PVC Sewer Pipe and Fittings. . . . .	Table 702.3, Table 1102.4, Table 1102.5
CAN/CSA-B602—99	Mechanical Couplings for Drain, Waste, and Vent Pipe and Sewer Pipe . . . . .	705.2.1, 705.5.3, 705.6, 705.7.1, 705.14.1, 705.15, 705.16

**FS**

Federal Specification  
1941 Jefferson Davis Highway, Suite 104  
Arlington, VA 22202

Standard Reference Number	Title	Referenced in code section number
TT-P-1536A(1975)	Federal Specification for Plumbing Fixture Setting Compound. . . . .	405.4

\* Standards are available from the Supt. of Documents, U.S. Government Printing Office, Washington, DC 20402-9325.

**ICC**

International Code Council  
5203 Leesburg Pike, Suite 600  
Falls Church, VA 22041

Standard Reference Number	Title	Referenced in code section number
IBC—03	International Building Code®. . . . .	201.3, 305.4, 307.1, 307.2, 307.3, 308.2, 309.1, 310.1, 310.3, 403.1, Table 403.1, 404.1, 407.3, 417.6, 502.6, 606.5.2, 1106.5
ICC EC—03	ICC Electrical Code®. . . . .	201.3, 502.1, 504.3, 1113.1.3
IEBC—03	International Existing Building Code® . . . . .	101.2
IECC—03	International Energy Conservation Code® . . . . .	313.1, 607.2, 607.2.1
IFC—03	International Fire Code® . . . . .	201.3, 1201.1
IFGC—03	International Fuel Gas Code®. . . . .	101.2, 201.3, 502.1
IMC—03	International Mechanical Code® . . . . .	201.3, 307.6, 310.1, 422.9, 502.1, 612.1, 1202.1
IPSDC—03	International Private Sewage Disposal Code®. . . . .	701.2
IRC—03	International Residential Code®. . . . .	101.2

**ISEA**

Industry Safety Equipment Association  
1901 N. Moore Street, Suite 808  
Arlington, VA 22209

Standard Reference Number	Title	Referenced in code section number
Z358.1—98	Emergency eyewash and shower equipment. . . . .	411.1

**REFERENCED STANDARDS**

**NFPA**

National Fire Protection Association  
 Batterymarch Park  
 Quincy, MA 02269

Standard Reference Number	Title	Referenced in code section number
50—01	Bulk Oxygen Systems at Consumer Sites . . . . .	1203.1
51—97	Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes . . . . .	1203.1
70—99	National Electrical Code . . . . .	502.1, 504.3, 1113.1.3
99C—99	Gas and Vacuum Systems . . . . .	1202.1

**NSF**

NSF International  
 789 Dixboro Road  
 Ann Arbor, MI 48105

Standard Reference Number	Title	Referenced in code section number
3—1996	Commercial Spray-Type Dishwashing and Glasswashing Machines . . . . .	409.1
18—1996a	Manual Food and Beverage Dispensing Equipment . . . . .	426.1
14—1999	Plastic Piping System Components and Related Materials . . . . .	303.3, 611.3
42—2000	Drinking Water Treatment Units—Aesthetic Effects . . . . .	611.1, 611.3
44—2000	Residential Cation Exchange Water Softeners . . . . .	611.1, 611.3
53—2001	Drinking Water Treatment Units—Health Effects . . . . .	611.1, 611.3
58—2001	Reverse Osmosis Drinking Water Treatment Systems . . . . .	611.2
61—2001	Drinking Water System Components—Health Effects . . . . .	424.1, 605.3, 605.4, 605.5, 611.3
62—1999	Drinking Water Distillation Systems . . . . .	611.1

**PDI**

Plumbing and Drainage Institute  
 800 Turnpike Street, Suite 300  
 North Andover, MA 01845

Standard Reference Number	Title	Referenced in code section number
G101(1998)	Testing and Rating Procedure for Grease Interceptors with Appendix of Sizing and Installation Data . . . . .	1003.3.4