

## 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.

Standard Reference Number	Title	Referenced in code section number
Z4.3—95	Minimum Requirements for Nonsewered Waste-Disposal Systems	311.1
Z21.22—99 (R2003)	Relief Valves for Hot Water Supply Systems with Addenda Z21.22a-2000(R2003) and Z21.22b-2001(R2003)	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
Z124.9-94	Plastic Urinal Fixtures	419.1

Standard reference number	Title	Referenced in code section number
1010—02	Self-contained, Mechanically Refrigerated Drinking-water Coolers	410.1

Standard Reference Number	Title	Referenced in code section number
A13.1-81	Scheme for Identification of Piping System	608.8
A112.1.2—1991(R2002)	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 for 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(R2002)	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(R2002)	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—2003	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—2003	Plumbing Fixture Fittings	424.1, 608.2
A112.18.2—2002	Plumbing Fixture Waste Fittings	424.1.2
A112.18.3—2002	Performance Requirements for Backflow Protection Devices and Systems in Plumbing Fixture Fittings	424.4
A112.18.6—2003	Flexible Water Connectors	605.6
A112.18.7—1999	Deck mounted Bath/Shower Transfer Valves with Integral Backflow Protection	424.6

**REFERENCED STANDARDS**

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A112.19.1M—1994(R1999)	Enameled Cast Iron Plumbing Fixtures with 1998 and 2000 supplements . . . . .	407.1, 410.1, 415.1, 416.1, 418.1
A112.19.2M—2003	Vitreous China Plumbing Fixtures and Hydraulic Requirements for Water Closets and Urinals . . . . .	401.2, 405.9, 408.1, 410.1, 416.1, 418.1, 419.1, 420.1
A112.19.3—2000	Stainless Steel Plumbing Fixtures (Designed for Residential Use) with 2002 Supplement . . . . .	405.9, 415.1, 416.1, 418.1
A112.19.4M—1994(R1999)	Porcelain Enameled Formed Steel Plumbing Fixtures with 1998 and 2000 Supplement . . . . .	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—1991(R2002)	Non-Vitreous Ceramic Plumbing Fixtures with 2002 Supplement . . . . .	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(R2002)	Cleanouts . . . . .	708.2
B1.20.1—1983(R2001)	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—1998	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—2003	Factory-made Wrought Steel Butt-welding Fittings . . . . .	Table 605.5, Table 702.4, Table 1102.7
B16.11—2001	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—2001	Cast Copper Alloy Solder Joint Pressure Fittings . . . . .	Table 605.5, Table 702.4, Table 1102.7
B16.22—2001	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings . . . . .	Table 605.5, Table 702.4, Table 1102.7
B16.23—2002	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—2001	Wrought Copper and Wrought Copper Alloy Solder Joint Drainage Fittings (DWV) . . . . .	Table 605.5, Table 702.4, Table 1102.7

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American Society of Sanitary Engineering  
 901 Canterbury Road, Suite A  
 Westlake, OH 44145

Standard Reference Number	Title	Referenced in code section number
1001—02	Performance Requirements for 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—01	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—96	Performance Requirements for Water Hammer Arresters . . . . .	604.9
1011—93	Performance Requirements for Hose Connection Vacuum Breakers . . . . .	Table 608.1, 608.13.6
1012—02	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

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1018—01 Performance Requirements for Trap Seal Primer Valves; Potable Water Supplied ..... 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—03 Performance Requirements for Backflow Preventer for Carbonated Beverage Machines .... Table 608.1, 608.16.1, 608.16.10

1024—04 Performance Requirements for Dual Check Valve Type Backflow Preventers  
(for Residential Supply Service or Individual Outlets) ..... 605.3.1, Table 608.1

1035—02 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—01 Performance Requirements for Trap Seal Primer Devices Drainage Types and Electronic Design Types ..... 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

1050—02 Performance Requirements for Stack Air Admittance Valves for Sanitary Drainage Systems ..... 917.1

1051—02 Performance Requirements for Individual and Branch Type Air Admittance Valves for Sanitary Drainage Systems—  
Fixture and Branch Devices ..... 917.1

1052—93 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—01 Performance Requirements for Spill Resistant 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

1069—05 Performance Requirements for Automatic Temperature Control Mixing Valves ..... 424.4

1070—04 Performance Requirements for Water-temperature Limiting Devices ..... 408.3, 416.5, 607.1, 424.5

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 (RPDA) ..... 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

ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

Standard Reference Number	Title	Referenced in code section number
A 53/A 53M—02	Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated Welded and Seamless	Table 605.3, Table 605.4, Table 702.1
A 74—04a	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—04a	Specification for Seamless and Welded Austenitic Stainless Steel Pipes	Table 605.4, Table 605.5, Table 605.6, 605.23.2
A 733—03	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—04a	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—03	Specification for Solder Metal	605.14.3, 605.15.4, 705.9.3, 705.10.3
B 42—02e01	Specification for Seamless Copper Pipe, Standard Sizes	Table 605.3, Table 605.4, Table 702.1
B 43—(2004)	Specification for Seamless Red Brass Pipe, Standard Sizes	Table 605.3, Table 605.4, Table 702.1
B 75—02	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—03	Specification for Seamless Copper Water Tube	Table 605.3, Table 605.4, Table 702.1, Table 702.2, Table 702.3, Table 1102.4

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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—02e01	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—02	Specification for Threadless Copper Pipe, Standard Sizes . . . . .	Table 605.3, Table 605.4, Table 702.1
B 306—02	Specification for Copper Drainage Tube (DWV) . . . . .	Table 702.1, Table 702.2, Table 1102.4
B 447—02	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
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—02	Practice for Making Capillary Joints by Soldering of Copper and Copper Alloy Tube and Fittings . . . . .	605.14.3, 605.14.3, 605.15.4, 705.9.3, 705.10.3
C 4—03	<b>Specification for Clay Drain Tile and Perforated Clay Drain Tile . . . . .</b>	Table 702.3, Table 1102.4, Table 1102.5
C 14—03	Specification for Concrete Sewer, Storm Drain and Culvert Pipe . . . . .	Table 702.3, Table 1102.4
C 76—04a	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—04	Specification for Compression Joints for Vitrified Clay Pipe and Fittings . . . . .	705.15, 705.16
C 428—97(2002)	Specification for Asbestos-cement Nonpressure Sewer Pipe . . . . .	Table 702.2, Table 702.3, Table 1102.4
C 443—03	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—04a	Specification for Rubber Gaskets for Cast-iron Soil Pipe and Fittings . . . . .	705.5.2, 705.5.3, 705.16
C 700—02	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—02	Specification for Flexible Transition Couplings for Underground Piping System . . . . .	705.7.1, 705.14.1, 705.16
C 1277—04	Specification for Shielded Coupling Joining Hubless Cast-iron Soil Pipe and Fittings . . . . .	705.5.3
C 1440—99e01	<b>Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain, Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems . . . . .</b>	705.16
C 1460—04	Specification for Shielded Transition Couplings for Use with Dissimilar DWV Pipe and Fittings Above Ground . . . . .	705.16
C 1461—02	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
C 1540—02	<b>Specification for Heavy Duty Shielded Couplings Joining Hubless Cast-iron Soil Pipe and Fittings . . . . .</b>	705.5.3
C 1563—04	<b>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 . . . . .</b>	705.5.2
D 1527—99e01	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80 . . . . .	Table 605.3
D 1785—04	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—03	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Controlled Inside Diameter . . . . .	Table 605.3
D 2241—04a	<b>Specification for Poly (Vinyl Chloride) (PVC) Pressure-rated Pipe (SDR-Series) . . . . .</b>	Table 605.3
D 2282—99e01	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—02	Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 . . . . .	Table 605.5, Table 1102.7
D 2467—04	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—02	<b>Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems . . . . .</b>	605.21.2, 705.8.2, 705.14.2
D 2609—02	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, 705.16.1
D 2661—02	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—04ae01	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(2003)	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—03	Specification for Polyethylene (PE) Plastic Tubing . . . . .	Table 605.3

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D 2751—96a	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Sewer Pipe and Fittings . . . . .	Table 702.3, Table 1102.7
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(2002)	Standard Practice for Making Solvent-cemented Joints with Poly (Vinyl Chloride) (PVC) Pipe and Fittings . . . . .	605.21.2, 705.8.2, 705.14.2
D 2949—01a	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—04	Specification for Type PSM Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings . . . . .	Table 702.3, Table 702.4, Table 1102.7
D 3139—98	Specification for Joints for Plastic Pressure Pipes Using Flexible Elastomeric Seals . . . . .	605.10.1, 605.21.1
D 3212—96a(2003)	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(2002)	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—02	Specification for Drain, Waste and Vent (DWV) Plastic Fittings Patterns . . . . .	Table 702.4, Table 1102.7
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—02	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—04	Specification for Socket-type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40 . . . . .	Table 605.5, Table 1102.7
F 439—02e01	Specification for Socket-type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 . . . . .	Table 605.5, Table 1102.7
F 441/F 441M—02	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—02e01	Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe . . . . .	605.22, 705.16
F 493—04	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, Table 1102.7
F 656—02	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—03	Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) Based on Outside Diameter . . . . .	Table 702.3
F 876—04	Specification for Cross-linked Polyethylene (PEX) Tubing . . . . .	Table 605.3
F 877—02e01	Specification for Cross-linked Polyethylene (PEX) Plastic Hot and Cold Water Distribution Systems . . . . .	Table 605.3, Table 605.4, Table 605.5, Table 605.17.2
F 891—00e01	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, Table 1102.7
F 1281—03	Specification for Cross-linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Pressure Pipe . . . . .	Table 605.3, Table 605.4
F 1282—03	Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe . . . . .	Table 605.3, Table 605.4
F 1412—01	Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage . . . . .	Table 702.2, Table 702.4, 705.17.1
F 1488—03	Specification for Coextruded Composite Pipe . . . . .	Table 702.1, Table 702.2, Table 702.3
F 1807—04	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—04a	Specification for Cold Expansion Fittings with PEX Reinforcing Rings for use with Cross-linked Polyethylene (PEX) Tubing . . . . .	Table 605.5
F 1974—04	Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Composite Pressure Pipe . . . . .	Table 605.5
F 1986—00a	Specification for Multilayer Pipe, Type 2, Compression Fittings and Compression Joints for Hot and Cold Drinking Water Systems . . . . .	Table 605.3, Table 605.4, Table 605.5
F 2080—04	Specifications for Cold-expansion Fittings with Metal Compression-sleeves for Cross-linked Polyethylene (PEX) Pipe . . . . .	Table 605.5
F 2159—03	Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing . . . . .	Table 605.5

REFERENCED STANDARDS

ASTM—continued

F 2389—04 Specification for Pressure-rated Polypropylene (PP) Piping Systems . . . . . Table 605.3, Table 605.4, Table 605.5, 605.21

**AWS**

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

Standard Reference Number	Title	Referenced in code section number
A5.8—04	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

**AWWA**

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

Standard Reference Number	Title	Referenced in code section number
C104—98	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/A21.51—02	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—02	Disinfection of Water-storage Facilities . . . . .	610.1

**CISPI**

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

Standard Reference Number	Title	Referenced in code section number
301—04a	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—04	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

**CSA**

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

Standard Reference Number	Title	Referenced in code section number
B45.1—02	Ceramic Plumbing Fixtures . . . . .	408.1, 416.1, 418.1, 419.1, 420.1
B45.2—02	Enameled Cast-iron Plumbing Fixtures . . . . .	407.1, 415.1, 416.1, 418.1
B45.3—02	Porcelain Enameled Steel Plumbing Fixtures . . . . .	407.1, 416.1, 418.1
B45.4—02	Stainless-steel Plumbing Fixtures . . . . .	415.1, 416.1, 418.1, 420.1
B45.5—02	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
B64.1.2—01	Vacuum Breakers, Pressure Type (PVB) . . . . .	Table 608.1, 608.13.5
B64.2.1—01	Vacuum Breakers, Hose Connection Type (HCVB) with Manual Draining Feature . . . . .	Table 608.1, 608.13.6
B64.2.1.1—01	Vacuum Breakers, Hose Connection Dual Check Type (HCDVB) . . . . .	Table 608.1, 608.13.6
B64.3.1—01	Backflow Preventers, Dual Check Valve Type with Atmospheric Port for Carbonators (DCAPC) . . . . .	Table 608.1, 608.16.1

CSA—continued

B64.4.1—01	Backflow Preventers, Reduced Pressure Principle Type for Fire Sprinklers (RPF) . . . . .	Table 608.1, 608.13.2
B64.5—01	Backflow Preventers, Double Check Type (DCVA) . . . . .	Table 608.1, 608.13.7
B64.5.1—01	Backflow Preventers, Double Check Type for Fire Systems (DCVAF) . . . . .	Table 608.1, 608.13.7
B64.6—01	Backflow Preventers, Dual Check Valve Type (DuC) . . . . .	605.3.1, Table 608.1
B64.7—94	Vacuum Breakers, Laboratory Faucet Type (LFVB) . . . . .	Table 608.1, 608.13.6
B64.10/B64.10.1—01	Manual for the Selection and Installation of Backflow Prevention Devices/Manual for the Maintenance and Field Testing of Backflow Prevention Devices . . . . .	312.9.2
B79—94(2000)	Floor, Area and Shower Drains, and Cleanouts for Residential Construction . . . . .	412.1
B125—01	Plumbing Fittings . . . . .	424.1, 424.3, 424.4, 425.3.1, 425.5, 607.4, Table 608.1
B137.1—02	Polyethylene Pipe, Tubing and Fittings for Cold Water Pressure Services . . . . .	Table 605.3
B137.2—02	PVC Injection-moulded Gasketed Fittings for Pressure Applications . . . . .	Table 605.5, Table 1102.7
B137.3—02	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications . . . . .	Table 605.3, 605.21.2, 705.8.2, 705.14.2
B137.5—02	Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications—with Revisions through September 1992 . . . . .	Table 605.3, Table 605.4
B137.6—02	CPVC Pipe, Tubing and Fittings for Hot and Cold Water Distribution Systems—with Revisions through May 1986 . . . . .	Table 605.3, Table 605.4
B137.11—02	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications . . . . .	Table 605.3, Table 605.4, Table 605.5
B181.1—02	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—02	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—02	Plastic Drain and Sewer Pipe and Pipe Fittings . . . . .	705.8.2, 705.14.2, Table 1102.4
B182.2—02	PVC Sewer Pipe and Fittings (PSM Type) . . . . .	Table 702.3, Table 1102.4, Table 1102.5
B182.4—02	Profile PVC Sewer Pipe and Fittings . . . . .	Table 702.3, Table 1102.4, Table 1102.5
B182.6—02	Profile Polyethylene Sewer Pipe and Fittings for Leak-proof Sewer Applications . . . . .	Table 1102.5
B182.8—02	Profile Polyethylene Storm Sewer and Drainage Pipe and Fittings . . . . .	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—02	Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems . . . . .	Table 605.3
CAN/CSA-B137.10M—02	Cross-linked Polyethylene/Aluminum/Polyethylene Composite Pressure Pipe Systems . . . . .	Table 605.3, Table 605.4
CAN/CSA-B181.3—02	Polyolefin Laboratory Drainage Systems . . . . .	Table 702.1, Table 702.2
CAN/CSA-B182.4—02	Profile PVC Sewer Pipe and Fittings . . . . .	Table 702.3, Table 1102.4, Table 1102.5
CAN/CSA-B602—02	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

Florida Codes  
 Florida Building Commission  
 c/o Florida Department of Community Affairs  
 Building Codes and Standards  
 2555 Shumard Oak Boulevard  
 Tallahassee, Florida 32399-2100



Standard Reference Number	Title	Referenced in code section number
FBC-B—07	Florida Building Code, Building . . . . .	201.3, 305.4, 307.1, 307.2, 307.3, 308.2, 309.1, 310.1, 310.3, 315.1, 403.1, Table 403.1, 404.1, 407.3, 417.6, 502.6, 606.5.2, 1106.5
Ch. 11	Florida Building Code, Building - Accessibility . . . . .	404.1.1
Ch. 62-610	Florida Administrative Code-Reuse of Reclaimed Water and Land Application . . . . .	602.4
Ch. 64E-6	Florida Administrative Code-Standards for Onsite Sewage and Disposal Systems . . . . .	701.2, 1003.5.2

REFERENCED STANDARDS

FBC—continued

Ch. 373	Florida Statute, Water Resources . . . . .	.602.3
Ch. 381	Florida Statute, Food Products . . . . .	.315.1
Ch. 500	Florida Statute, Lodging and Food Service Establishments . . . . .	.315.1
Ch. 509	Florida Statute, Public Lodging and Food Service Establishments . . . . .	.315.1, 403.1.1
Ch. 553.86	Florida Statute, Public Restrooms . . . . .	.403.1.1
Ch. 13	Florida Building Code, Building-Energy Efficiency . . . . .	.313.1, 607.2, 607.2.1
Ch. 27	Florida Building Code, Building-Electrical (National Electrical Code, NFPA 70) . . . . .	.201.3, 502.1, 504.3, 1113.1.3
FEBC—07	Florida Existing Building Code . . . . .	.101.2
FBC-FG—07	Florida Building Code, Fuel Gas . . . . .	.101.2, 201.3, 502.1
FBC-M—07	Florida Building Code, Mechanical . . . . .	.201.3, 307.6, 310.1, 422.9, 502.1, 612.1, 1202.1
FBC, R—07	Florida Residential Code . . . . .	.101.2
FFPC—07	Florida Fire Prevention Code . . . . .	.201.3, 1201.1

FLORIDA BUILDING CODE



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

Standard Reference Number	Title	Referenced in code section number
ICC/ANSI A117.1-98	Accessible and Usable Buildings and Facilities . . . . .	.403.7.1
IPSDC—06	International Private Sewage Disposal Code® . . . . .	.701.2



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

Standard Reference Number	Title	Referenced in code section number
Z358.1—03	Emergency Eyewash and Shower Equipment . . . . .	.411.1



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—02	Design and Installation of Oxygen-fuel Gas Systems for Welding, Cutting and Allied Processes . . . . .	.1203.1
70—05	National Electrical Code . . . . .	.502.1, 504.3, 1113.1.3
99C—02	Gas and Vacuum Systems . . . . .	.1202.1



NSF International  
789 Dixboro Road  
Ann Arbor, MI 48105

Standard Reference Number	Title	Referenced in code section number
3—2003	Commercial Warewashing Equipment . . . . .	.409.1

NSF—continued

14—2003	Plastic Piping System Components and Related Materials	303.3, 611.3
18—2004	Manual Food and Beverage Dispensing Equipment	426.1
42—2002e	Drinking Water Treatment Units—Aesthetic Effects	611.1, 611.3
44—2004	Residential Cation Exchange Water Softeners	611.1, 611.3
53—2002e	Drinking Water Treatment Units—Health Effects	611.1, 611.3
58—2004	Reverse Osmosis Drinking Water Treatment Systems	611.2
61—2003e	Drinking Water System Components—Health Effects	424.1, 605.3, 605.4, 605.5, 611.3
62—2004	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(2003)	Testing and Rating Procedure for Grease Interceptors with Appendix of Sizing and Installation Data	1003.3.4

**UL**

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096

Standard reference number	Title	Referenced in code section number
UL508—99	Industrial Control Equipment	314.2.3

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