**CHAPTER 15**

**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 102.4 of the *Florida Building Code, Building*.

American National Standards Institute 25 West 43rd Street, Fourth Floor New York, NY 10036

**ANSI**

Standard Referenced

reference in code

number Title section number

A118.10—14(R2019) Standard specifications for Load Bearing, Bonded, Waterproof Membranes for Thin - Set

Ceramic Tile and Dimension Stone Installation 421.5.2.5, 421.5.2.6

ANSI Z21.22—~~99 (R2003)~~ 2015

(R2020)/CSA 4.4-2015(R2020) Relief Valves for Hot Water Supply Systems ~~with Addenda Z21.22a—~~

~~2000 (R2003) and Z21.22b—2001 (R2003)~~ . . . . . . . . . . . . . . . . . . . . . . . . . . . 504.2, 504.4, 504.4.1

ANSI/NGWA-01—14 Water Well Construction Standard 602.3.1

ASHRAE

**ASHRAE**

1791 Tullie Circle, NE Atlanta, GA 30329

Standard Referenced

reference in code

number Title section number

ASHRAE 18—2008 (RA 2013) Method of Testing for Rating Drinking-Water Coolers with

Self-Contained Mechanical Refrigeration 410.1

American Society of Mechanical Engineers Three Park Avenue

**ASME**

New York, NY 10016-5990

Standard Referenced

reference in code

number Title section number

A112.1.2—2022 Air Gaps in Plumbing Systems

(For Plumbing Fixtures and Water Connection Receptors) 406.1, 409.2, Table 608.1, 608.14.1

A112.1.3—~~2000 (R2019)~~ 2024 Air Gap Fittings for Use with Plumbing Fixtures,

Appliances and Appurtenances . . . . . . . . . . . . . . . . . . . . . . . . . .406.1, 409.2, Table 608.1, 608.14.1

A112.3.1—2007 (R2022) Stainless Steel Drainage Systems for Sanitary, DWV, Storm and

Vacuum Applications Above and Below Ground 413.1, Table 702.1, Table 702.2,

Table 702.3, Table 702.4, Table 1102.4,

Table 1102.5, 1102.6, Table 1102.7

ASME A112.3.4—2018/

CSA B45.9—2018 Macerating Toilet Systems and Related Components 405.5, 712.4.1

A112.4.1—2009 (R2019) Water Heater Relief Valve Drain Tubes 504.6

ASME A112.4.2—~~2015~~2021/

CSA B45.16—(~~R2020)~~2021 Water Closet Personal Hygiene Devices 412.9

A112.4.3—~~1999 (R2019)~~2024 Plastic Fittings for Connecting Water Closets to the Sanitary Drainage System 405.4

A112.4.4—~~2017~~2022 Plastic Push Fit Drain, Waste, and Vent (DWV) Fittings . . . . . . . . . . . .Table 702.4, 705. 2.4, 705.10.4

A112.4.14—~~2004 (R2019)~~ 2022 Manually Operated, Quarter-Turn Shutoff Valves for Use in Plumbing Systems

A112.4.14—~~2017~~2022/

CSA B125.14~~-R2017~~2022 Manually Operated Valves for Use in Plumbing Systems Table 605.7

A112.6.1M—~~1997 (R2017)~~2022 Floor Affixed Supports for Off-the-Floor Plumbing Fixtures for Public Use 405.4.3

A112.6.2—2022 Framing-affixed Supports for Off-the-floor Water Closets with Concealed Tanks 405.4.3

A112.6.3—~~2019~~2022 Floor and Trench Drains 413.1

**FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023) 105**

**REFERENCED STANDARDS**

# ASME—continued

A112.6.4—~~2003 (R2012)~~ (R2020) Roof, Deck, and Balcony Drains 1102.6

A112.6.7—2010 (~~R2019~~) (R2024) Sanitary Floor Sinks 414.1

A112.6.9—2005 (~~R2019)~~ (R2024) Siphonic Roof Drains 1107.1

A112.14.1—2003 (R2022) Backwater Valves 714.2

A112.14.3—~~2018~~ 2023 Grease Interceptors 1003.3.5

A112.14.4—2001 (R2022) Grease Removal Devices 1003.3.5

A112.14.6—2010 ~~(R2019)~~ (R2024) FOG (Fats, Oils, and Greases) Disposal Systems. . . . . . . . . . . . . . . . . . . .1003.3.3, 1003 3.5, 1003.3.7

A112.18.1—~~2018/~~

CSA B125.1—~~2018~~ 2023 Plumbing Supply Fittings 412.1, 412.2, 412.3, 412.4,

412.6, 412.8, 412.11, 605.7, 607.4, 608.2, Table 605.7 A112.18.2—~~2020~~2023/ /CSA B125.2—~~20~~2023 Plumbing Waste Fittings. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .412. 1.2, 421.3.1

A112.18.3M—2002 (R2022) Performance Requirements for Backflow Protection Devices

and Systems in Plumbing Fixture Fittings 412.2, 412.6

A112.18.6—~~2017~~ 2021/CSA B125.6—~~17~~ 21 Flexible Water Connectors 605.6

A112.18.9—2011 (R2022) Protectors/Insulators for Exposed Waste and Supplies on Accessible Fixtures 412.2, 412.6

A112.19.1—~~2018~~2022/CSA B45.2—~~2018~~2022 Enameled Cast Iron and Enameled Steel Plumbing Fixtures 407.1, 407.4, 410.1,

418.1, 419.1, 421.1, 422.1

A112.19.2—~~2018~~2021/CSA B45.1—~~18~~2021 Ceramic Plumbing Fixtures 401.2, 405.10, 407.1, 408.1, 410.1,

418.1, 419.1, 421.1, 422.1, 424.1, 425.1

A112.19.3—2021/CSA B45.4—(R2021) Stainless Steel Plumbing Fixtures. . . . . 405.10, 407.1, 408.1, 410.1, 418.1, 419.1, 420.1, 422.1, 425.1

A112.19.5—~~2017~~2022//CSA B45.15—~~2017~~2022 Flush Valves and Spuds for Water-closets, Urinals, and Tanks 415.4

A112.19.7—CSA

B45.10—~~2012 (2017)~~ 2012(R2023) Hydromassage Bathtub Systems 426.1, 426.4

A112.19.12—~~2014 (R2019)~~ 2024 Wall Mounted and Pedestal Mounted, Adjustable, Elevating, Tilting and

Pivoting Lavatory, Sink and Shampoo Bowl Carrier Systems and

Drain Waste Systems 419.4, 422.3

A112.19.14—2013 (~~R2018~~) (R2023) Six-Liter Water Closets Equipped with a Dual Flushing Device 425.1

A112.19.15—~~2012 (R2017)~~ 2012 (R2022) Bathtub/Whirlpool Bathtubs with Pressure Sealed Doors 407.4, 426.6

A112.19.19—~~2016~~ 2021 Vitreous China Nonwater Urinals 424.1

A112.21.3-~~1985 (R2017)~~ 2022 Hydrants for Utility and Maintenance Use . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 608.1, 608.14.6 A112.36.2M—1991 ~~(R2017)~~ (R2022) Cleanouts 708.1.10.2

ASSE 1002—2020// ASME A112.1002—2020/

CSA B125.12—2020 Antisipon Fill Valves . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 415. 3.1, Table 608.1

ASSE 1016—~~2017~~2021/ ASME A112.1016—~~2017~~2021/

CSA B125.16—~~2017~~2021 Performance Requirements for Automatic Compensating Valves for

Individual Showers and Tub/Shower Combinations . . . . . . . . . . . . . . . . . . . . . . 412.3, 412.4, 607.4 B1.20.1—~~2013 (R2018)~~2023 Pipe Threads, General Purpose (inch) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .605.10.3, 605.12.4,

605.14.3, 605.17.1, 605.21.4, 705.2.3, 705.5.4, 705. 8.1, 705.10.3

B16.3—2021 Malleable Iron Threaded Fittings Classes 150 and 300 . . . . . . . . . . . . . . . . .Table 605.5, Table 1102.7 B16.4—2021 Gray Iron Threaded Fittings Classes 125 and 250 . . . . . . . . . . Table 605.5, Table 702.4, Table 1102.7 B16.9—~~2018~~2023 Factory-made Wrought Steel Buttwelding Fittings . . . . . . . . . Table 605.5, Table 702.4, Table 1102.7 B16.11—2021 Forged Fittings, Socket-welding and Threaded . . . . . . . . . . . . Table 605.5, Table 702.4, Table 1102.7 B16.12—(~~R2019~~)2024 Cast-iron Threaded Drainage Fittings. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 702.4, Table 1102.7 B16.15—~~2018~~2023 Cast Alloy Threaded Fittings ~~Classes 125 and 250~~ . . . . . . . . . Table 605.5, Table 702.4, Table 1102.7 B16.18—~~2018~~2023 Cast Copper Alloy Solder Joint Pressure Fittings. . . . . . . . . . . Table 605.5, Table 702.4, Table 1102.7 B16.22—~~2018~~2023 Wrought Copper and Copper Alloy Solder Joint

Pressure Fittings . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 605.5, Table 702.4, Table 1102.7

B16.23—2021 Cast Copper Alloy Solder Joint Drainage Fittings DWV . . . . . . . . . . . . . . . .Table 702.4, Table 1102.7 B16.26—~~2018~~2023 Cast Copper Alloy Fittings for Flared Copper Tubes . . . . . . . . Table 605.5, Table 702.4, Table 1102.7 B16.28—1994 Wrought Steel Buttwelding Short Radius Elbows and Returns Table 605.5,

Table 702.4, Table 1102.7

B16.29—~~2017~~2022 Wrought Copper and Wrought Copper Alloy Solder

Joint Drainage Fittings (DWV) Table 702.4, Table 1102.7

B16.34—~~2020~~2023 Valves Flanged, Threaded and Welding End Table 605.7

B16.51—2018 Copper and Copper Alloy Press-Connect Pressure Fittings Table 605.5

B31.5—~~2019~~ 2022 Refrigeration Piping and Heat Transfer Components

**106 FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023)**

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American Society of Plumbing Engineers 8614 Catalpa Avenue, Suite 1007

**ASPE**

Chicago, IL 60656-1116

Standard Referenced

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number Title section number

45—~~2013~~2018 Siphonic Roof Drainage ~~Systems~~ 1107.1

ASPE/IAPMO Z1034—2015 (R2020) Test Method for Evaluating Roof Drain Performance

American Society of Sanitary Engineering 901 Canterbury Road, Suite A

**ASSE**

Westlake, OH 44145

Standard Referenced

reference in code

number Title section number

1001—2017 Performance Requirements for Atmospheric Type Vacuum Breakers 415.2, Table 608.1,

608. 14.6, 608.17.4.1

1002—08 Performance Requirements for Antisiphon Fill Valves (Ballcocks)

for Gravity Water Closet Flush Tanks 415.3.1

ASSE 1002—2020/ ASME A112.1002—2020/

CSA B125.12—20 Anti-siphon Fill Valves 415.3.1, Table 608.1

1003—~~09~~2020 Performance Requirements for Water Pressure Reducing Valves for Domestic Water Distribution 604.8

1004—2016 Performance Requirements for Backflow Prevention Requirements

for Commercial Dishwashing Machines 409.1

1008—~~06~~2020 Performance Requirements for Plumbing Aspects of Food Waste Disposer Units 416.1

1010—04 Performance Requirements for Water Hammer Arresters 604.9

1011—2017 Performance Requirements for Hose Connection Vacuum Breakers . . . . . . . . . .Table 608.1, 608.14.6 1012—09 Performance Requirements for Backflow Preventers

with Intermediate Atmospheric Vent . . . . . . . . . . . . . . . .Table 608.1, 608.14.3, 608. 17.2, 608.17.10

1013—2011 Performance Requirements for Reduced Pressure Principle Backflow Preventers and Reduced Pressure Principle Fire

Protection Backflow Preventers. . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 608.1, 608. 14.2, 608.17.2

1015—~~2011~~2021 Performance Requirements for Double Check Backflow Prevention Assemblies ~~and Double Check Fire~~

~~Protection Backflow Prevention Assemblies~~ . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 608.1, 608.14.7

1017—2009 Performance Requirements for Temperature Actuated Mixing

Valves for Hot Water Distribution Systems. . . . . . . . . . . . . . . . . . . . . . . . . . . . 501.2, 613.1, 617.1.2 1018—~~2001~~2021 Performance Requirements for Trap Seal Primer Valves; Potable Water Supplied . . . . . . . 1002.4.1.1,

1002.4.1.2

1019—~~2011~~ (R2016) ~~Performance Requirements for Vacuum Breaker Wall Hydrants,~~

~~Freeze Resistant, Automatic Draining Type~~ Performance Requirements for Freezeresistant, Wall Hydrants, Vacuum Breaker, Draining Types Table 608.1, 608.14.6

1020—~~04~~2020 Performance Requirements for Pressure Vacuum Breaker Assembly. . . . . . . . . .Table 608.1, 608.14.5

1022—~~2017~~2021 Performance Requirements for Backflow Preventer

for Beverage Dispensing Equipment . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 608.1, 608.17.1.1

1024—~~2017~~2021 Performance Requirements for Dual Check Valve Type Backflow Preventers

(for Residential Supply Service or Individual Outlets) . . . . . . . . . . . . . . . . . . . 605.3.1, Table 608.1,

608. 14.9, 608.17.1.2

1035—~~08~~2020 Performance Requirements for Laboratory Faucet Backflow Preventers . . . . . . .Table 608.1, 608.14.6 ASSE 1037—2015/

ASME A112.1037—2015/

CSA B125.37—15 Pressurized Flushing Devices for Plumbing Fixtures 415.2

1044—~~2015~~2020 Performance Requirements for Trap Seal Primer Devices

Drainage Types and Electronic Design Types 1002.4.1.3

1047—~~2011~~2021 Performance Requirements for Reduced Pressure Detector

Fire Protection Backflow Prevention Assemblies . . . . . . . . . . . . . . . . . . . . . . .Table 608.1, 608.14.2

1048—20112021 Performance Requirements for Double Check Detector

Fire Protection Backflow Prevention Assemblies . . . . . . . . . . . . . . . . . . . . . . .Table 608.1, 608.14.7

1049—~~2009~~2021 Performance Requirements for Individual and Branch Type

Air Admittance Valves for Chemical Waste Systems 901.3, 918.8

1050—~~2009~~2021 Performance Requirements for Stack Air Admittance Valves

for Sanitary Drainage Systems 918.1

1051—~~2009~~2021 Performance Requirements for Individual and Branch Type Air Admittance

Valves for Sanitary Drainage Systems-~~fixture and Branch Devices~~ 918.1

1052—2016 Performance Requirements for Hose Connection Backflow Preventers . . . . . . . .Table 608.1, 608.14.6 1055—2018 Performance Requirements for Chemical Dispensing Systems

with Integral Backflow Protection 608.14.8

**FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023) 107**

**REFERENCED STANDARDS**

# ASSE—continued

1056—~~2013~~2021 Performance Requirements for Spill Resistant Vacuum Breaker Table 608.1, 608.14.5

1060—~~2017~~2020 Performance Requirements for Outdoor Enclosures for Fluid

Conveying Components 608.15.1

1061—~~2015~~2020 Performance Requirements for Push Fit Fittings . . . . . . . . . . . . . . . . . Table 605.5, 605. 13.7, 605.14.4

1062—~~2017~~2021 Performance Requirements for Temperature Actuated, Flow Reduction

Valves to Individual Supply Fittings 402.7, 412.10

1064—~~2006 (R2011~~)2020 Performance Requirements for Backflow Prevention Assembly Field Test Kits 312.10.2

1066—1997 Performance Requirements for Individual Pressure Balancing In-line

Valves for Individual Fixture Fittings 604.11

1069—~~05~~2020 Performance Requirements for Automatic Temperature Control Mixing Valves 412.4

ASSE 1070—2020/ ASME A112.1070—2020/

CSA B125.70—20 Water-temperature Limiting Devices 408.3, 412.5, 412.10, 419.5,

423.3, 424.5, 607.1.2

1071—~~2012~~2021 ~~Performance Requirements for~~ Temperature Actuated Mixing Valves for

Plumbed Emergency Equipment 411.3

1072—~~07~~2020 Performance Requirements for Barrier Type Floor Drain Tap

Seal Protection Devices 1002.4.1.4

1079—20052021 Performance Requirements for Dielectric Pipe Unions . . . . . . . . . . . . . . . . . . . . . . .605. 23.1, 605.23.3

1081—~~2014~~2020 Performance Requirements for Backflow Preventers with Integral Pressure Reducing Boiler Feed Valve and Intermediate Atmospheric Vent Style

for Domestic and Light Commercial Water . . . . . . . . . . . . . . . . . . . Table 608.1, 608. 14.3, 608.17.2

1082—2018 Performance Requirements for Water Heaters Used as Temperature

Control Devices for Hot Water Distribution Systems 412.5, 412.10, 423.3,

607.1.1, 607.1.2

1084—2018 Performance Requirements for Water Heaters used as

Temperature Limiting Devices 412.5, 607.1.2

1085—2018 Performance Requirements for Water Heaters for Emergency Equipment 411.3, 607.1.1

5013—2015 ~~Performance Requirements for Testing~~ Reduced Pressure Principle Backflow ~~Prevention Assembly~~ Preventers (RPA) and Reduced Pressure Principle

Fire Protection Backflow Preventers (RFP) 312.10.2

5015—2015 Performance Requirements for Testing Double Check Valve Backflow Prevention Assemblies (DC) and Double Check Fire Protection

Backflow Prevention Assemblies (DCF) 312.10.2

5020—2015 Performance Requirements for Testing Pressure Vacuum Breaker

Assemblies (PVBA) 312.10.2

5047—2015 Performance Requirements for Testing Reduced Pressure Detector

Fire Protection Backflow Prevention Assemblies (RPDA) 312.10.2

5048—2015 Performance Requirements for Testing Double Check Valve Detector

Assembly (DCDA) 312.10.2

5052—98 Performance Requirements for Testing Hose Connection Backflow Preventers 312.10.2

5056—2015 Performance Requirements for Testing Spill Resistant Vacuum Breaker (SRVB) 312.10.2

ASSE/IAPMO 1055—2018 2020 Performance Requirements for Chemical Dispensing Systems with Integral Backflow Protection

ASTM International 100 Barr Harbor Drive

**ASTM**

West Conshohocken, PA 19428-2959

Standard Referenced

reference in code

number Title section number

A53/A53M—~~2018~~2020 Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated

Welded and Seamless . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 605.3, Table 605.4, Table 702.1

A74—~~17~~ 2021 Specification for Cast-iron Soil Pipe and Fittings Table 702.1, Table 702.2, Table 702.3,

Table 702.4, 708.1.6, Table 1102.4,

Table 1102.5, Table 1102.7

A269/A269M—15a2019 Standard Specification for Seamless and Welded Austenitic

Stainless Steel Tubing for General Service Table 605.3

A312/A312M—~~2018~~ 21 Specification for Seamless, Welded, And Heavily Cold

Worked Austenitic Stainless Steel Pipes Table 605.3, Table 605.4,

Table 605.5, 605.22.2

A733—16 Specification for Welded and Seamless Carbon Steel and Austenitic

Stainless Steel Pipe Nipples Table 605.8

A778/A778M—16(2021) Specification for Welded Unannealed Austenitic Stainless

Steel Tubular Products . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 605.3, Table 605.4, Table 605.5

Table 702.2, Table 702.3, Table 702.4,

Table 1102.4, Table 1102.5, Table 1102.7

**108 FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023)**

**REFERENCED STANDARDS**

# ASTM—continued

A888—~~2018~~ 21a Specification for Hubless Cast-iron Soil Pipe and Fittings for Sanitary

and Storm Drain, Waste, and Vent Piping Application Table 702.1,

B32—~~08 (2014)~~ 20 Specification for Solder Metal . . . . . . . . . . . . . . . . . . . . . . . . . . . . 605.12.3, 605.13.6, 705. 5.3, 705.6.3

B42—~~2015A~~ 20 Specification for Seamless Copper Pipe, Standard Sizes. . . . . . Table 605.3, Table 605.4, Table 702.1 B43—~~15~~ 20 Specification for Seamless Red Brass Pipe, Standard Sizes . . . . . . . . . . . . . . Table 605.4, Table 702.1 B75/B75M—~~11~~ 20 Specification for Seamless Copper Tube Table 605.3, Table 605.4, Table 702.1,

Table 702.2, Table 702.3, Table 1102.4 B88—~~2016~~ 20 Specification for Seamless Copper Water Tube Table 605.3, Table 605.4, Table 702.1,

Table 702.2, Table 702.3, Table 1102.4 B152/B152M—~~13~~ 19 Standard Specification for Copper Sheet, Strip Plate and Rolled Bar . . . . . . . . .402.3, 421.5.2.4, 415. 3.3, 902.2

B251/B251M—2017 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 B302—2017 Specification for Threadless Copper Pipe, Standard Sizes . . . . Table 605.3, Table 605.4, Table 702.1 B306—~~13~~ 20 Specification for Copper Drainage Tube (DWV) . . . . . . . . . . Table 702.1, Table 702.2, Table 1102.4

B447—12a(2021) Specification for Welded Copper Tube . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 605.3, Table 605.4 B687—1999 (2016) Specification for Brass, Copper and Chromium-plated Pipe Nipples Table 605.8

B813—2016 Specification for Liquid and Paste Fluxes for Soldering of

Copper and Copper Alloy Tube . . . . . . . . . . . . . . . . . . . . . . . . . 605.12.3, 605.13.6, 705. 5.3, 705.6.3

B828—2016 Practice for Making Capillary Joints by Soldering of

Copper and Copper Alloy Tube and Fittings . . . . . . . . . . . . . . . 605.12.3, 605.13.6, 705. 5.3, 705.6.3

C4—2004 (2018) Specification for Clay Drain Tile and Perforated Clay Drain Tile Table 702.3, 705.4,

Table 1102.4, Table 1102.5

C14—~~15a~~ 20 Specification for Nonreinforced Concrete Sewer, Storm Drain and Culvert Pipe Table 702.3,

Table 1102.4

C76—~~2018A~~ 20 Specification for Reinforced Concrete Culvert, Storm

Drain and Sewer Pipe Table 702.3, Table 1102.4

C425—~~2004 (2018)~~ 21 Specification for Compression Joints for Vitrified Clay Pipe and Fittings 705.11, 705.16

C443—~~2012 (2017~~) 20 Specification for Joints for Concrete Pipe and Manholes, Using Rubber Gaskets 705.4 705.16

C564—~~14~~ 20a Specification for Rubber Gaskets for Cast-iron Soil Pipe and Fittings . . . . . . .705.3.2, 705. 3.3, 705.16

C700—2018 Specification for Vitrified Clay Pipe, Extra Strength, Standard

Strength, and Perforated Table 702.3, Table 702.4,

Table 1102.4, Table 1102.5

C1053—2000 (2015) Specification for Borosilicate Glass Pipe and Fittings for

Drain, Waste, and Vent (DWV) Applications Table 702.1, Table 702.4

C1173—2018 Specification for Flexible Transition Couplings for

Underground Piping System . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .705.2.1, 705.4, 705.10.1, 705.11,

705.12.2, 705.16

C1277—~~2018~~ 20 Specification for Shielded Coupling Joining Hubless Cast-iron Soil Pipe and Fittings 705.3.3

C1440—~~2017~~ 21 Specification for Thermoplastic Elastomeric (TPE) Gasket Materials for Drain,

Waste, and Vent (DWV), Sewer, Sanitary and Storm Plumbing Systems 705.16

C1460—~~2017~~ 21 Specification for Shielded Transition Couplings for Use with Dissimilar DWV

Pipe and Fittings Above Ground 705.16

C1461—~~2008 (2017)~~ 21 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

C1540—~~2018~~ 20 Specification for Heavy Duty Shielded Couplings Joining Hubless

Cast-iron Soil Pipe and Fittings 705.3.3

C1563—2008 ~~(2017)~~ (2021) 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 705.3.2

D1253—14 Standard Test Method For Residual Chlorine in Water. . . . . . . . . . . . . . . . . . . . . . . . .1301. 2.1, 1303.9

D1527—99(2005) Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe,

Schedules 40 and 80 Table 605.3

D1785—~~15E1~~ 21a Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe,

Schedules 40, 80 and 120 Table 605.3

D2235—2004 (2016) Specification for Solvent Cement for Acrylonitrile-Butadiene-

Styrene (ABS) Plastic Pipe and Fittings . . . . . . . . . . . . . . . . . . . . . . . . . . 605.10.2, 705. 2.2, 705.2.2

D2239—12a Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR)

Based on Controlled Inside Diameter Table 605.3

D2241—~~15~~ 20 Specification for Poly (Vinyl Chloride) (PVC) Pressure-rated Pipe (SDR-Series) Table 605.3

D2282—99(2005) Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR) Table 605.3

D2464—15 Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings,

Schedule 80 Table 605.5

D2466—~~2017~~ 21 Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40 Table 605.5

D2467—~~15~~ 20 Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 Table 605.5

**FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023) 109**

**REFERENCED STANDARDS**

# ASTM—continued

D2468—96a Specification for Acrylonitrile-Butadiene-Styrene (ABS)

Plastic Pipe Fittings, Schedule 40 Table 605.5

D2564—~~2012 (2018)~~ 20 Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC)

Plastic Piping Systems . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .605. 21.3, 705.10.2

D2609—~~15~~ 21 Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe Table 605.5

D2657—2007 (2015) Practice for Heat Fusion-joining of Polyolefin Pipe and Fitting Waste,

and Vent Pipe and Fittings . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .605. 18.2, 705.12.1

D2661—14E1 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,

Table 1102.4, Table 1102.7

D2665—~~2014~~ 20 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 D2672—~~14~~ 20e1 Specification for Joints for IPS PVC Pipe Using Solvent Cement Table 605.3

D2680—~~01(2014)~~ 20 Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS)

and Poly (Vinyl Chloride) (PVC) Composite Sewer Piping Table 702.3

D2683—~~14~~ 20 Specification for Socket-type Polyethylene fittings for

Outside Diameter-controlled Polyethylene Pipe and Tubing . . . . . . Table 605.5, Table 702.4, 716.5 D2729—2017 Specification for Poly (Vinyl Chloride) (PVC) Sewer Pipe and Fittings Table 1102.5

D2737—~~2012a~~ 21 Specification for Polyethylene (PE) Plastic Tubing Table 605.3

D2751—05 Specification for Acrylonitrile-Butadiene-Styrene (ABS)

Sewer Pipe and Fittings Table 702.3, Table 702.4,

Table 1102.7

D2846/D2846M—~~2017BE1~~ 19a Specification for Chlorinated Poly (Vinyl Chloride) (CPVC)

Plastic Hot and Cold Water Distribution Systems Table 605.3, Table 605.4,

Table 605.5, 605.14.2, 605. 15.2, 605.16.2

D2855—~~2015~~ 2020 ~~Standard Practice for Making Solvent-cemented Joints with~~

~~Poly (Vinyl Chloride) (PVC) Pipe and Fittings~~ 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 605.21.3, 705.10.2

D2949—~~10~~ 18 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, Table 702.4

D3034—2016 Specification for Type PSM Poly (Vinyl Chloride) (PVC)

Sewer Pipe and Fittings Table 702.3, Table 702.4,

Table 1102.4, Table 1102.5, Table 1102.7

D3035—~~15~~ 21 Standard Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on

Controlled Outside Diameter Table 605.3

D3138—2004(2016) Standard Specification for Solvent Cements for Transition Joints Between

Acrylonitrile-Butadiene-Styrene (ABS) and Poly (Vinyl Chloride) (PVC)

Non-Pressure Piping Component 705.16.4

D3139—~~98(2011)~~ 19 Specification for Joints for Plastic Pressure Pipes Using Flexible

Elastomeric Seals . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .605. 10.1, 605.21.1

D3212—~~07(2013)~~ 20 Specification for Joints for Drain and Sewer Plastic Pipes Using

Flexible Elastomeric Seals . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 705.2.1, 705.10.1, 705. 12.2, 705.15

D3261—2016 Specification for Butt Heat Fusion Polyethylene (PE) Plastic fittings

for Polyethylene (PE) Plastic Pipe and Tubing Table 605.5

D3311—2017 Specification for Drain, Waste and Vent (DWV) Plastic Fittings Patterns Table 1102.7

D4068—2017 Specification for Chlorinated Polyethylene (CPE) Sheeting for

Concealed Water-containment Membrane 421.5.2.2

D4551—2017 Specification for Poly (Vinyl Chloride) (PVC) Plastic Flexible

Concealed Water-containment Membrane 421.5.2.1

E2635—14 Standard Practice for Water Conservation in Buildings Through

In-Situ Water Reclamation 1302.1

E2727—2018 Standard Practice for the Assessment of Rainwater Quality 1303.15.9

F405—05 Specification for Corrugated Polyethylene (PE) Pipe and Fittings Table 1102.5

F409—2017 Specification for Thermoplastic Accessible and Replaceable

Plastic Tube and Tubular Fittings . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 412. 1.2, Table 1102.7

F437—~~15~~ 21 Specification for Threaded Chlorinated Poly (Vinyl Chloride)

(CPVC) Plastic Pipe Fittings, Schedule 80 Table 605.5

F438—2017 Specification for Socket-type Chlorinated Poly (Vinyl Chloride)

(CPVC) Plastic Pipe Fittings, Schedule 40 Table 605.5

F439—~~13~~ 19 Standard Specification for Chlorinated Poly (Vinyl Chloride)

(CPVC) Plastic Pipe Fittings, Schedule 80 Table 605.5

F441/F441M—~~15~~ 20 Specification for Chlorinated Poly (Vinyl Chloride)

(CPVC) Plastic Pipe, Schedules 40 and 80. . . . . . . . . . . . . . . . . . . . . . . . . .Table 605.3, Table 605.4 F442/F442M—13E1 Specification for Chlorinated Poly (Vinyl Chloride) (CPVC)

Plastic Pipe (SDR-PR) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 605.3, Table 605.4

F477—~~14(~~2021) Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe 605.23, 705.16

**110 FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023)**

**REFERENCED STANDARDS**

# ASTM—continued

F493—~~14~~ 20 Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride)

(CPVC) Plastic Pipe and Fittings 605.14.2, 605.16.2

F628—2012E2 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, Table 1102.4, Table 1102.7

F656—~~2015~~ 21 Specification for Primers for Use in Solvent Cement Joints of

Poly (Vinyl Chloride) (PVC) Plastic Pipe and Fittings . . . . . . . . . . . . . . . . . . . . . 605. 21.3, 705.10.2

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Pipe and Fittings. . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 1102.4, Table 1102.5

F714—2013 Specification for Polyethylene (PE) Plastic Pipe (SDR-PR)

Based on Outside Diameter . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 702.2, Table 702.3, 716.4 F876—~~2017~~ 20b Specification for Cross-linked Polyethylene (PEX) Tubing . . . . . . . . . . . . . . Table 605.3, Table 605.4 F877—~~2018A~~ 20 Specification for Cross-linked Polyethylene (PEX)

Hot- and Cold-Water Distribution Systems Table 605.5

F891—2016 Specification for Coextruded Poly (Vinyl Chloride)

(PVC) Plastic Pipe with a Cellular Core Table 702.1 Table 702.2, Table 702.3,

Table 1102.4, Table 1102.5, Table 1102.7

F1055—2016A Standard Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and

Crosslinked Polyethylene Pipe and Tubing Table 605.5

F1281—2017 Specification for Cross-linked Polyethylene/Aluminum/

Cross-linked Polyethylene (PEX-AL-PEX) Pressure Pipe Table 605.3, Table 605.4,

Table 605.5, 605.20.1

F1282—2017 Specification for Polyethylene/Aluminum/Polyethylene

(PE-AL-PE) Composite Pressure Pipe Table 605.3, Table 605.4,

Table 605.5, 605.20.1

F1412—2016 Specification for Polyolefin Pipe and Fittings for

Corrosive Waste Drainage Table 702.1, Table 702.2,

Table 702.4, 705 13.1, 901.3

F1476—~~07 (2013)~~ (2019) Standard Specification for Performance of Gasketed

Mechanical Couplings for Use in Piping Applications Table 605.5, 605.13.3,

605.17.3, 605. 21.2, 605.22.3

F1488—2014E1 Specification for Coextruded Composite Pipe Table 702.1, Table 702.2, Table 702.3,

Table 1102.4

F1504—2014 Standard Specification for Folded Poly (Vinyl Chloride) (PVC)

for Existing Sewer and Conduit Rehabilitation 717.6

F1548—2001 (2018) Standard Specification for the Performance of Fittings for Use with

Gasketed Mechanical Couplings Used in Piping Applications Table 605.5

F1673—2010 (2016) Polyvinylidene Fluoride (PVDF) Corrosive Waste Drainage Systems Table 702.1, Table 702.2,

Table 702.3, Table 702.4, 705.14.1

F1807—~~2018~~ 19b Specification for Metal Insert Fittings Utilizing a Copper Crimp

Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9

Polyethylene of Raised Temperature (PE-RT) Tubing Table 605.5

F1866—2018 Specification for Poly (Vinyl Chloride) (PVC) Plastic Schedule 40

Drainage and DWV Fabricated Fittings. . . . . . . . . . . . . . . . . . . . . . . . . . . Table 702.4, Table 1102.7

F1871—2011 Standard Specification for Folded/Formed Poly (Vinyl Chloride)

Pipe Type A for Existing Sewer and Conduit Rehabilitation 717.6

F1960—~~2018~~ 21 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 Table 605.5

F1970—~~2019~~ 19 Special Engineered Fittings, Appurtenances or Valves for use in Poly

(Vinyl Chloride) (PVC) or Chlorinated Poly (Vinyl Chloride) (CPVC) Systems Table 605.7

F1974—~~09 (2015)~~ (2020) Specification for Metal Insert Fittings for Polyethylene/Aluminum/

Polyethylene and Cross-linked Polyethylene/Aluminum/Cross-linked

Polyethylene Composite Pressure Pipe . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 605.5, 605.20.1 F1986—2001 (2011) 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

F2080—~~2016~~ 2019 ~~Specifications for Cold-expansion Fittings with Metal Compression-~~

~~sleeves for Cross-linked Polyethylene (PEX) Pipe~~ Standard Specification for ColdExpansion Fittings with Metal Compression-Sleeves for Crosslinked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe Table 605.5

F2098—~~2015~~ 2018 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 Table 605.5

F2159—~~2018~~ 21 Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring , or Alternate Stainless Steel Clamps or SDR9 Cross-linked Polyethylene (PEX) Tubing and

SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing Table 605.5

F2262—09 Specification for Cross-linked Polyethylene/Aluminum/

Cross-linked Polyethylene Tubing OD Controlled SDR9 . . . . . . . . . . . . . . Table 605.3, Table 605.4

**FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023) 111**

**REFERENCED STANDARDS**

# ASTM—continued

F2306/F2306M—~~2018~~ 20 12'' to 60'' Annular Corrugated Profile-wall Polyethylene (PE)

Pipe and Fittings for Gravity Flow Storm Sewer and Subsurface

Drainage Applications Table 1102.4, Table 1102.7

F2389—~~2017A~~ 21 Standard Specification for Pressure-rated Polypropylene (PP) Piping Systems Table 605.3, Table 605.4,

Table 605.5, Table 605.7, 605.19.1

F2434—~~14~~ 19 Standard Specification for Plastic 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 Table 605.5

F2599—~~16~~ 20 Standard Practice for the Sectional Repair of Damaged Pipe by

Means of an Inverted Cured-In-Place Liner 718.1

F2561—~~17~~ 20 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 718.1

F2648/F2648M—~~2017~~ 20 Standard Specification for 2 to 60 inch [50 to 1500 mm] Annular Corrugated

Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications Table 1102.4

F2735—~~2009 (2016)~~ 21 Standard Specification for Plastic Insert Fittings for SDR9 Cross-linked

Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing Table 605.5

F2736—13e1 Standard Specification for 6 to 30 in (152 to 762 mm) Polypropylene (PP)

Corrugated Single Wall Pipe and Double Wall Pipe Table 702.3

F2764/F2764M—~~2018~~ 19 ~~Standard Specification for 30 to 60 in (750 to 1500 mm) Polypropylene (PP)~~

~~Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications~~ Standard Specification for 6 to 60 in. [150 to 1500 mm] Polypropylene (PP) Corrugated Double and Triple Wall Pipe and Fittings for NonPressure Sanitary Sewer Applications Table 702.3

F2769—2018 Standard Specification for Polyethylene or Raised Temperature (PE-RT) Plastic Hot and

Cold Water Tubing and Distribution Systems . . . . . . . . . . . . Table 605.3, Table 605.4, Table 605.5 F2831—~~2012 (2017)~~ 19 Standard Practice for Internal Non Structural Epoxy Barrier Coating

Material Used in Rehabilitation of Metallic Pressurized Piping Systems 601.5

F2855—~~12~~ 19 Specification Poly (Vinyl Chloride)/Aluminum/Poly (Vinyl Chloride)

(CPVC/AL/CPVC) Composite Pressure Tubing . . . . . . . . . . . . . . . . . . . . .Table 605.3, Table 605.4 F2881/F2881M—~~2018~~ 21 Standard Specification for 12 to 60 in. [300 to 1500 mm] Polypropylene (PP)

Dual Wall Pipe and Fittings for Non-Pressure Storm Sewer Applications Table 1102.4

F3226/F3226M—~~16~~ 19 Standard Specification for Metallic Press-Connect Fittings for Piping and Tubing Table 605.5

F3240-~~17~~ 19e1 Standard Practice for Installation of Seamless Molded Hydrophilic Gaskets (SMHG) for Long-Term Watertightness of Cured-in-Place

Rehabilitation of Main and Lateral Pipelines 718.1

American Welding Society 8669 NW 36 Street, #130

**AWS**

Doral, FL 33166

Standard Referenced

reference in code

number Title section number

A5.8M/A5.8—~~2011-AMD1~~ 2019 Specifications for Filler Metals for Brazing and Braze Welding . . . . . . . . . . . . . . . 605.12.1, 605.13.1,

605.13.1, 705. 5.1, 705.6.1

American Water Works Association 6666 West Quincy Avenue

**AWWA**

Denver, CO 80235

Standard Referenced

reference in code

number Title section number

C104/A21.4—16 Cement-mortar Lining for Ductile-iron Pipe and Fittings 605.3, 605.5

C110/A21.10—~~12~~ 21 Ductile-iron and Gray-iron Fittings . . . . . . . . . . . . . . . . . . . . . Table 605.5, Table 702.4, Table 1102.7 C111/A21.11—17 Rubber-gasket Joints for Ductile-iron Pressure Pipe and Fittings 605.11

C115/A21.15—~~11~~ 20 Flanged Ductile-iron Pipe with Ductile-iron or Gray-iron

Threaded Flanges . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 605.3, Table 605.4

C151/A21.51—17 Ductile-iron Pipe, Centrifugally Cast . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 605.3, Table 605.4

C153—00/A21.53—11 Ductile-iron Compact Fittings for Water Service Table 605.5

C500—~~09~~ 19 Standard for Metal-Seated Gate Valves for Water Supply Service Table 605.7

C504—15 Standard for Rubber-Seated Butterfly Valves Table 605.7

C507—~~15~~ 18 Ball Valves, 6 In. Through 60 In. (150 mm through 1500 mm) Table 605.7

C510—17 Double Check Valve Backflow Prevention Assembly . . . . . . . . . . . . . . . . . . . . . Table 608.1, 608.14.7

C511—17 Reduced-pressure Principle Backflow Prevention Assembly. . . . . . . . Table 608.1, 608. 14.2, 608.17.2

C651—14 Disinfecting Water Mains 610.1

C652—~~11~~ 19 Disinfection of Water-storage Facilities 610.1

**112 FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023)**

**REFERENCED STANDARDS**

# AWWA—continued

C901—~~16~~ 20 Polyethylene (PE) Pressure Pipe and Tubing 3/4 inch (19 mm)

Through 3 inch (76 mm) for Water Service Table 605.3

C904—16 Cross-linked Polyethylene (PEX) Pressure Tubing 1/2 inch (13 mm)

Through 3 inch (76 mm) for Water Service Table 605.3

Cast Iron Soil Pipe Institute

**CISPI**

5959 Shallowford Road, Suite 419

Chattanooga, TN 37421

Standard Referenced

reference in code

number Title section number

301—~~18~~ 21 Standard 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—~~18~~ 20 Standard 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 705.3.3

CSA Group

**CSA**

8501 East Pleasant Valley Cleveland, OH 44131-5516

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reference in code

number Title section number

A257.1M—~~14~~ 19 Non-reinforced Circular Concrete Culvert, Storm Drain, Sewer Pipe and Fittings. Table 702.3,

Table 1102.4

A257.2M—~~14~~ 19 Reinforced Circular Concrete Culvert, Storm Drain,

Sewer Pipe and Fittings Table 702.3, Table 1102.4

A257.3M—~~14~~ 19 Joints for Circular Concrete Sewer and Culvert Pipe, Manhole

Sections and Fittings Using Rubber Gaskets 705.4, 705.16

ASME A112.3.4—2018/

CSA B45.9—2018 ~~18~~ (R2023) Macerating Toilet Systems and Related Components . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .

ASME A112.4.2—2020 2021/CSA B45.16—20 21 Personal Hygiene Devices for Water Closet s

ASME A112.4.4—2017 Plastic Push Fit Drain, Waste, and Vent (DWV) Fittings Table 702.4, 705.2.4, 705.10.4

ASME A112.18.1—~~2018~~/2022

CSA B125.1—~~18~~ 22 Plumbing Supply Fittings 412.1, 412.2, 412.3, 412.4, 412.6,

412.8, 412.11, Table 605.7, 607.4, 608.2

ASME A112.18.2—~~2020/~~2023

CSA B125.2—~~2010~~ 2023

ASME A112.18.6—~~2017/~~CSA B125.6— 17(R2022) Flexible Water Connectors Plumbing Waste Fittings 412.1.2

ASME A112.19.1—~~2018~~/2023

CSA B45.2—~~2018~~ 23 Enameled Cast-iron and Enameled Steel Plumbing Fixtures. . . . . . 407.1, 407.4, 410.1, 418.1, 419.1, 422.1

ASME A112.19.2—~~2018~~/ 23

B45.1—~~2018~~ 23 Ceramic Plumbing Fixtures . . . . 401.2, 405.10, 407.1, 408.1, 410.1, 418.1, 419.1, 422.1, 424.1, 425.1

ASME A112.19.3—~~2017~~ 2022/

CSA B45.4—~~2017~~ 22 Stainless-steel Plumbing Fixtures 405.10, 407.1, 408.1, 410.1, 418.1,

419.1, 421.1, 422.1, 425.1, 425.1.2

ASME A112.19.5—~~2015~~ 22/

CSA B45.15—~~2015~~ 22 Flush Valves and Spuds for Water Closets, Urinals and Tanks 415.4

ASME A112.19.7—~~2012~~ 2020/

CSA B45.10— 20 ~~12 (R2017)~~ Hydromassage Bathtub Systems 426.1, 426.4

CSA B45.5—~~17~~ 22/

IAPMO Z124-~~2017~~ 2022 Plastic Plumbing Fixtures . . . . . . . . . . . . . . . . . . . . . . .407.1, 418.1, 419.1, 421.1, 422.1, 424.1, 425.1

ASME A112.3.4—2018/

CSA B45.9—18 Macerating Toilet Systems and Waste Pumping Systems for Plumbing Fixtures 405.5, 712.4.1

ASSE 1002—2020/ASME A112.1002—2020/CSA B125.12 —2020 Anti-Siphon Fill Valves for Water Closet Tanks

ASSE 1016 2017 / ASME A112.1016 2017/

CSA B125.16—~~2011~~ (R2022) Performance Requirements for Individual Thermostatic, Pressure Balancing

and Combination Control Valves for Individual Fixture Fittings . . . . . . . . . . . . .412.3, 412.4, 607.4

B64.1.1—~~11 (R2016)~~ 21 Vacuum Breakers, Atmospheric Type (AVB) . . . . . . . . . . . . .415.2, Table 608.1, 608. 14.6, 608.17.4.1

ASSE 1037—~~2015~~ 2020/ASME A112.1037—~~2015~~ 2020/CSA B125.37—~~15~~ :20 Performance requirements for Pressurized Flushing Devices for Plumbing Fixtures

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B602—~~16~~ :20 Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe

B64.1.2—~~11 (R2016)~~ 21 Pressure Vacuum Breakers, (PVB) . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 608.1, 608.14.5

B64.1.3—~~11 (R2016)~~ 21 Spill Resistant Pressure Vacuum Breakers (SRPVB) . . . . . . . . . . . . . . . . . . . . . .Table 608.1, 608.14.5

CSA B64.2—11 (R2016) Vacuum Breakers, Hose Connection Type (HCVB) . . . . . . . . . . . . . . . . . . . . . . .Table 608.1, 608.14.6

B64.2—~~11(R2016)~~ :21 Hose Connection Vacuum Breakers, ~~Type~~ (HCVB)

**FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023) 113**

**REFERENCED STANDARDS**

# CSA—continued

B64.2.1—~~11 (R2016)~~ 21 ~~Vacuum Breakers~~, Hose Connection (HCVB) with Manual Draining Feature Table 608.1, 608.14.6

CSA B64.2.1.1—~~11 (R2016)~~ 21 Hose Connection Dual Check Vacuum Breakers, (HCDVB). . . . . . . . . . . . . . . . Table 608.1, 608.14.6 CSA B64.2.2—~~11 (R2016)~~ 21 ~~Vacuum Breakers~~, Hose Connection Vacuum Breakers ~~Type~~ (HCVB) with

Automatic Draining Feature . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 608.1, 608.14.6

CSA B64.3—~~11 (R2016)~~ 21 Backflow Preventers, Dual Check Valve Type with

Atmospheric Port (DCAP) . . . . . . . . . . . . . . . . . . . . . . . Table 608.1, 608.14.3, 608. 17.2, 608.17.10

CSA B64.4—~~11 (R2016)~~ 21 Backflow Preventers, Reduced Pressure Principle Type (RP) . . . . . . . Table 608.1, 608. 14.2, 608.17.2

CSA B64.4.1—~~11 (R2016)~~ 21 Reduced Pressure Principle backflow preventers for Fire ~~Sprinklers (RPF)~~ protection systems (RPF) . . . . . . . . . . . . . . . . . . . . . Table 608.1, 608.14.2

CSA B64.5—~~11 (R2016)~~ 21 Double Check Valve Backflow Preventers (DCVA) . . . . . . . . . . . . . . . . . . . .Table 608.1, 608.14.7

CSA B64.5.1—~~11 (R2016)~~ 21 Double Check Valve Backflow Preventer for Fire Protection Systems (DCVAF) . Table 08.1, 608.14.7 B64.6—~~11 (R2016)~~ 21 Dual Check Backflow PreventersValve (DuC) . . . . . . . . . . . . . . . . . . . 605.3.1, Table 608.1, 608.14.9

CSA B64.7—~~11 (R2016)~~ 21 Laboratory Faucet Vacuum Breakers (LFVB) . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 608.1, 608.14.6 B64.10—17  ~~Manual for the Selection~~ and Installation of Backflow ~~Prevention Devices~~ Preventers 312.10.2

B64.10.1—17 Maintenance and Field Testing of Backflow Preventers 312.10.2

B79—08 (R2018) Commercial and Residential Drains, and Cleanouts 413.1

B125.3—~~2018~~ 23 Plumbing Fittings . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .408.3, 412.4, 412.5, 415.3.1, 419.5, 423.3,

425.2, Table 605.7, Table 608.1

B137.1—~~17~~ 23 Polyethylene (PE) Pipe, Tubing and Fittings for Cold Water

Pressure Services Table 605.3, Table 605.4, Table 605.5

B137.2—~~17~~ 23 Polyvinylchloride PVC Injection-moulded Gasketed

Fittings for Pressure Applications Table 605.5

B137.3—~~17~~ 23 Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure

Applications Table 605.3, Table 605.5,

605.21.3, 705.10.2

B137.5—~~17~~ 23 Cross-linked Polyethylene (PEX) Tubing Systems for

Pressure Applications Table 605.3, Table 605.4, Table 605.5

B137.6—~~17~~ 23 CPVC Pipe, Tubing and Fittings for Hot and

Cold Water Distribution Systems . . . . . . . . . . . . . . . . . . . . . . Table 605.3, Table 605.4, Table 605.5

B137.9—~~17~~ 23 Polyethylene/Aluminum/

Polyethylene Composite Pressure Pipe Systems . . . . . . . . . . . . .Table 605.3, Table 605.5, 605.20.1

B137.10—~~17~~ 23 Cross-linked Polyethylene/Aluminum/Polyethylene

Composite Pressure Pipe Systems . . . . . . . . . . . . . Table 605.3, Table 605.4, Table 605.5, 605.20.1

B137.11—~~17~~ 23 Polypropylene (PP-R) Pipe and Fittings for

Pressure Applications . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 605.3, Table 605.4, Table 605.5

B137.18—~~17~~ 23 Polyethylene of Raised Temperature Resistance (PE-RT) Tubing Systems for

Pressure Applications . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 605.3, Table 605.4, Table 605.5

B181.1—~~18~~ 21 Acrylonitrile-butadiene-styrene ABS Drain,

Waste and Vent Pipe and Pipe Fittings Table 702.1, Table 702.2, Table 702.3, Table 702.4,

705.2.2, 714.2, Table 1102.4, Table 1102.7

B181.2—~~18~~ 21 Polyvinylchloride PVC and chlorinated polyvinylchloride

(CPVC) Drain, Waste, and Vent Pipe and Pipe Fittings Table 702.1, Table 702.2,

705.10.2, 714.2

B181.3—~~18~~ 21 Polyolefin and Polyvinylidene Fluoride (PVDF) Laboratory

Drainage Systems Table 702.1, Table 702.2,

Table 702.3, Table 702.4, 705.13.1

B182.1—~~18~~ 21 Plastic Drain and Sewer Pipe and Pipe Fittings . . . . . . . . . . . . . .705.10.2, Table 1102.4, Table 1102.5 B182.2—~~18~~ 21 PSM Type Polyvinylchloride PVC Sewer

Pipe and Fittings . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . Table 702.3, Table 1102.4, Table 1102.5

B182.4—~~18~~ 21 Profile Polyvinylchloride PVC Sewer Pipe and Fittings . . . . Table 702.3, Table 1102.4, Table 1102.5 B182.6—~~18~~ 21 Profile Polyethylene (PE) Sewer Pipe and Fittings for Leak-proof

Sewer Applications Table 1102.5

B182.8—~~18~~ 21 Profile Polyethylene (PE) Storm Sewer and Drainage Pipe and Fittings Table 1102.5

B182.13—~~18~~ 21 Profile Polypropylene (PP) Sewer Pipe and Fittings for Leak-proof

Sewer Applications . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .Table 702.3, Table 1102.4

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**114 FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023)**

**REFERENCED STANDARDS**

Florida Building Commission

**Florida Codes**

c/o Florida Department of Business and Professional Regulation Building Codes and Standards 2601 Blair Stone Road

Tallahassee, Florida 32399

|  |  |  |
| --- | --- | --- |
| Standard reference number | Title | Referenced  in code section number |
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and Land Application 602.4

Ch. 64E-6 Florida Administrative Code-Standards for Onsite Sewage

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IAPMO Group

**IAPMO**

4755 E. Philadelphia

Ontario, CA 91761

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International Safety Equipment Association 1901 N. Moore Street, Suite 808

**ISEA**

Arlington, VA 22209

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**FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023) 115**

**REFERENCED STANDARDS**

Manufacturers Standardization Society Of the Valve and Fittings Industry, Inc. 127 Park St. NE

**MSS**

Vienna, VA 22180-4602

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SP-67—~~2011~~ 2022 Butterfly Valves Table 605.7

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SP-72—~~2010a~~ 2023 Ball Valves with Flanged or Butt-Welding Ends for General Service Table 605.7

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SP-80—~~2013~~ 2019 Bronze Gate, Globe, Angle and Check Valves Table 605.7

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National Fire Protection Association 1 Batterymarch Park

**NFPA**

Quincy, MA 02169-7471

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NSF International 789 Dixboro Road Ann Arbor, MI 48105

**NSF**

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18—~~2016~~ 2020 Manual Food and Beverage Dispensing Equipment 420.1

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50—~~2017~~ 2020 Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Facilities 1302.8.1

53—~~2017~~ 2020 Drinking Water Treatment Units—Health Effects 611.1

58—~~2017~~ 2020 Reverse Osmosis Drinking Water Treatment Systems 611.2, 611.3

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62—~~2017~~ 2021 Drinking Water Distillation Systems

184—~~2014~~ 2019 Residential Dishwashers 409.1

350—~~2017a~~ 2020 Onsite Residential and Commercial Water Reuse Treatment Systems 1302.6.1

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372—~~2016~~ 2020 Drinking Water Systems Components—Lead Content 605.2.1

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

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PDI G101 ~~(2012)~~ (2017) Testing and Rating Procedure for Hydro Mechanical Grease Interceptors with

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**116 FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023)**

**REFERENCED STANDARDS**

Portable Sanitation Association International 2626 East 82nd Street, Suite 175

**PSAI**

Bloomington, MN 55425

Standard Referenced

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Z4.3—15 Minimum Requirements for Nonsewered Waste-Disposal Systems 311.1

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Solar Rating & Certification Corporation 400 High Point Drive, Suite 400

**SRCC**

Cocoa, FL 32926

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UL LLC

**UL**

333 Pfingsten Road

Northbrook, IL 60062-2096

Standard Referenced

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Water Quality Association 4151 Naperville Road

**WQA**

Lisle, IL 60532-3696

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S-200 Household and Commercial Water Filters (In-Line) 611.1

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**FLORIDA BUILDING CODE — PLUMBING, 8th EDITION (2023) 117**