**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

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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,

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

ASME A112.4.2—~~2015~~2021/

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

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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

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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

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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,

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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

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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

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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

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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

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**REFERENCED STANDARDS**

American Society of Plumbing Engineers 8614 Catalpa Avenue, Suite 1007

**ASPE**

Chicago, IL 60656-1116

Standard Referenced

reference in code

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,

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

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1004—2016 Performance Requirements for Backflow Prevention Requirements

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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

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

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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

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

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

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

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

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

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

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

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

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

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

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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

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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

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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,

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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

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

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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

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C1173—2018 Specification for Flexible Transition Couplings for

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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,

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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)

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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,

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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

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F667/F667M—~~2016~~ (2021) Standard Specification for 3 through 24 in. Corrugated Polyethylene

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American Welding Society 8669 NW 36 Street, #130

**AWS**

Doral, FL 33166

Standard Referenced

reference in code

number Title section number

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American Water Works Association 6666 West Quincy Avenue

**AWWA**

Denver, CO 80235

Standard Referenced

reference in code

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Cast Iron Soil Pipe Institute

**CISPI**

5959 Shallowford Road, Suite 419

Chattanooga, TN 37421

Standard Referenced

reference in code

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CSA Group

**CSA**

8501 East Pleasant Valley Cleveland, OH 44131-5516

Standard Referenced

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ASSE 1070—2020/ASME A112.1070—2020/CSA B125.~~10~~70— :20 Performance requirements for Water Temperature Limiting Devices

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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

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

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CAN/CSA-B356-10 (R2015) Water Pressure Reducing Valves for Domestic Water Systems 604.8

B481.1—12 (R2017) Testing and Rating of Grease interceptors Using Lard 1003.3.5

B481.3—12 (R2017) Sizing, Selection, Location and Installation of Grease Interceptors 1003.3.5

B483.1—~~07(R2017~~) :22 Drinking Water Treatment Systems

B602—16 Mechanical Couplings for Drain, Waste and Vent Pipe and Sewer Pipe . . . . . .705.2.1, 705.3.3, 705.4, 705.10.1, 705.11, 705. 12.2, 705.16

CSA B805-~~18~~ 17/ICC 805—2018(R2023) Rainwater Harvesting Systems 1301.1, 1301.1.1

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**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 | Referencedin code section number |
| Florida Administrative Code 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 . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . .202, 701.2, 1003. 3.5, 1003.3.9

FBC-A—Eighth Edition (2023) Florida Building Code, Accessibility . . . . . . . . . . . . . . . . . . . . . . . .403.4, 403.1.2, 403. 3.1, 421.4.2

FBC-B—Eighth Edition (2023) Florida Building Code, Building 101.1, 201.3, 202, 307.1, 307.2, 307.3, 308.2,

309.1, 309.2, 310.1, 310.3, 312.5, 315.1, 316.1.6, 317.1,

403.1, Table 403.1, 403.6, 407.3, 421.6, 423.5,

606.5.2, 614.4, 919.1, 1106.5, 1301 9.3, 1303.6

FBC-EC—Eighth Edition (2023) Florida Building Code, Energy Conservation. . . . . . . . . . . . . . . . . . . . . . . . . . 313.1, 607. 2.1, 607.5

FBC-FG—Eighth Edition (2023) Florida Building Code, Fuel Gas 201.3, 502.1.1

FBC-M—Eighth Edition (2023) Florida Building Code, Mechanical . . . . . . . . . . . . . . . . . 201.3, 307.6, 310.1, 502.1, 612.1, 1202.1 FFPC—Eighth Edition (2023) Florida Fire Prevention Code 201.3, 1201.1

Florida Statutes

Ch. 373 Florida Statute, Water Resources 602.3

Ch. 381 Florida Statute, Food Products 202, 317.1

Ch. 471 Florida Statute, Engineering 202

Ch. 481 Florida Statute, Architecture, Interior Design, and Landscape-Architecture 202

Ch. 500 Florida Statute, Lodging and Food Service Establishments 317.1

Ch. 509 Florida Statute, Public Lodging and Food Service Establishments 317.1, 403.1.3

Ch. 553.86 Florida Statutes, Public Restrooms 403.1.3

IAPMO Group

**IAPMO**

4755 E. Philadelphia

Ontario, CA 91761

Standard Referenced

reference in code

number Title section number

ANSI/CAN/IAPMO Z1001—~~2016~~ 2021 Prefabricated Gravity Grease Interceptors 1003.3.6, 1003.3.7

CSA B45.5—~~17~~ 22/IAPMO Z124-~~2017~~ 2022

~~with errata dated August 2017~~ Plastic Plumbing Fixtures . . . . . . . . . . . . . . . . . 407.1, 418.1, 419.1, 419.2, 421.1, 422.1, 424.1, 425.1

IAPMO/ANSI Z1157—2014e1(R2019) Ball Valves Table 605.7

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

**ISEA**

Arlington, VA 22209

Standard Referenced

reference in code

number Title section number

ANSI/ISEA Z358.1—2014 Emergency Eyewash and Shower Equipment 411.1

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**REFERENCED STANDARDS**

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

**MSS**

Vienna, VA 22180-4602

Standard Referenced

reference in code

number Title section number

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

SP-70—~~2011~~ 2023 Gray Iron Gate Valves, Flanged and Threaded Ends Table 605.7

SP-71—2011 Gray Iron Swing Check Valves, Flanged and Threaded Ends Table 605.7

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

SP-78—~~2011~~ 2023 Cast Iron Plug Valves, Flanged and Threaded Ends Table 605.7

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

SP-110—~~2010~~ 2023 Ball Valves, Threaded, Socket-welding, Solder Joint, Grooved and Flared Ends Table 605.7

SP-122—~~2017~~ 2023 Plastic Industrial Ball Valves Table 605.7

SP-139—~~2014~~ 2022 Copper Alloy Gate, Globe, Angle, and Check Valves for Low Pressure/Low

Temperature Plumbing Applications Table 605.7

National Fire Protection Association 1 Batterymarch Park

**NFPA**

Quincy, MA 02169-7471

Standard Referenced

reference in code

number Title section number

51—~~2020~~ 23 Design and Installation of Oxygen-fuel Gas Systems

for Welding, Cutting and Allied Processes 1203.1

55—~~2020~~ 23 Compressed Gases and Cryogenic Fluids Code 1203.1

70—20 National Electric Code . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . . 502.1, 502.8, 504.3, 1113.1.3

99—~~21~~ 24 Health Care Facilities Code 1202.1

NSF International 789 Dixboro Road Ann Arbor, MI 48105

**NSF**

Standard Referenced

reference in code

number Title section number

3—~~2017~~ 2019 Commercial Warewashing Equipment 409.1

14—~~2018~~ 2020 Plastic Piping System Components and Related Materials 303.3

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

42—2018 Drinking Water Treatment Units-Aesthetic Effects 611.1

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

61—~~2018~~ 2020 Drinking Water System Components—Health Effects . . . . . . . . . 410.1, 412.1, 602.3.5, 605.3, 605.4, 605.5, 605.7

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

359—2018 Valves for Crosslinked Polyethylene (PEX) Water Distribution Tubing Systems Table 605.7

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

**PDI**

Standard Referenced

reference in code

number Title section number

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

Appendix of ~~Sizing and~~ Installation ~~Data~~ and Maintenance 1003.3.5

PDI G102 (2009) Testing and Certification for Grease Interceptors with Fog Sensing and Alarm Devices 1003.3.5

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**REFERENCED STANDARDS**

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

**PSAI**

Bloomington, MN 55425

Standard Referenced

reference in code

number Title section number

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

~~PSAI/ANSI~~ ANSI/PSAI Z4.3— 2016 American National Standard: for Sanitation: ~~for~~ Non -sewered Waste-disposal Systems : Minimum Requirements

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

**SRCC**

Cocoa, FL 32926

Standard Referenced

reference in code

number Title section number

SRCC 300—2013 Minimum Standard for Solar Thermal Water Heating Systems, January 3, 2013,

Solar Rating and Certification Corporation 502.1

UL LLC

**UL**

333 Pfingsten Road

Northbrook, IL 60062-2096

Standard Referenced

reference in code

number Title section number

399—2017 Drinking-Water Coolers—with revisions through ~~August 2018~~ July 2020 410.1

430—2015 Waste Disposers—with revisions through ~~February 2018~~ September 2021 . 416.1

508—2018 Industrial Control Equipment with revisions through July 2021 314.2.3

1795—2016 Hydromassage Bathtubs including revisions through December 2017 426.1

Water Quality Association 4151 Naperville Road

**WQA**

Lisle, IL 60532-3696

Standard Referenced

reference in code

number Title section number

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

S-300 Point-of-Use Low Pressure Reverse Osmosis Drinking Water Systems 611.2

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