

IFGC/IFGS CHAPTER 8

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)~~ 103.8.

ANSI

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

Standard reference number	Title	Referenced in code section number
ANSI A13.1—2007	Scheme for the Identification of Piping Systems	704.1.2.2
ANSI CSA-America FC 1—03	Stationery Fuel Cell Power Systems . . . . .	.633.1
LC 1/CSA 6.26—05	Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (CSST)	403.5.4
ANSI LC-4—07	Press-connect Copper and Copper Alloy Fittings for Use In Fuel Gas Distribution Systems.	403.10.2
Z21.1—05	Household Cooking Gas Appliances . . . . .	.623.1
Z21.5.1/CSA 7.1—06	Gas Clothes Dryers—Volume I—Type 1 Clothes Dryers. . . . .	.613.1
Z21.5.2/CSA 7.2—05	Gas Clothes Dryers—Volume II—Type 2 Clothes Dryers	613.1,614.3
Z21.8—94 (R2002)	Installation of Domestic Gas Conversion Burners. . . . .	.619.1
Z21.10.1/CSA 4.1—09	Gas Water Heaters—Volume I—Storage, Water Heaters with Input Ratings of 75,000 Btu per Hour or Less. . . . .	.624.1
Z21.10.3/CSA 4.3—04	Gas Water Heaters—Volume III—Storage, Water Heaters with Input Ratings Above 75,000 Btu per hour, Circulating and Instantaneous. . . . .	.624.1
Z21.11.2—07	Gas-fired Room Heaters-Volume II-Unvented Room Heaters . . . . .	.621.1
Z21.13/CSA 4.9—10	Gas-fired Low-pressure Steam and Hot Water Boilers . . . . .	.631.1
Z21.15/CGA 9.1—09	Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves.	409.1.1
Z21.19/CSA 1.4—02(R2007)	Refrigerators Using Gas (R1999) Fuel . . . . .	.625.1
Z21.24/CGA 6.10—06	Connectors for Gas Appliances . . . . .	.411.1
Z21.40.1/CGA 2.91—96 (R2002)	Gas-Fired Heat Activated Air Conditioning and Heat Pump Appliances . . . . .	.627.1
Z21.40.2/CGA 2.92—96 (R2002)	Gas-Fired Work Activated Air Conditioning and Heat Pump Appliances (Internal Combustion) . . . . .	.627.1
Z21.42—93 (R2002)	Gas-Fired Illuminating Appliances . . . . .	.628.1
Z21.47/CSA 2.3—06	Gas-Fired Central Furnaces . . . . .	.618.1
Z21.50/CSA 2.22—07	Vented Gas Fireplaces . . . . .	.604.1
Z21.56/CSA 4.7—06	Gas-Fired Pool Heaters . . . . .	.617.1
Z21.58/CSA 1.6—07	Outdoor Cooking Gas Appliances . . . . .	.623.1
Z21.60/CSA 2.26—03	Decorative Gas Appliances for Installation in Solid-fuel Burning Fireplaces. . . . .	.602.1
Z21.61—83 (R2004)	Gas-fired Toilets. . . . .	.626.1
Z21.69/CSA 6.16—09	Connectors for Movable Gas Appliances	411.1.1
Z21.75/CSA 6.27—07	Connectors for Outdoor Gas Appliances and Manufactured Homes.	411.1,411.2
Z21.80—03(R2008)	Line Pressure Regulators . . . . .	.410.1
Z21.84—02	Manually-lighted, Natural Gas Decorative Gas Appliances for Installation in Solid Fuel Burning Fireplaces—with Addenda Z21.84a-2003.	602.1, 602.2
Z21.86—08	Vented Gas-fired Space Heating Appliances.	608.1, 609.1, 622.1
Z21.88/CSA 2.33—09	Vented Gas Fireplace Heaters . . . . .	.605.1
Z21.91—07	Ventless Firebox Enclosures for Gas-fired Unvented Decorative Room Heaters.	621.7.1
Z21.97—09	Outdoor Decorative Appliances. . . . .	.636
Z83.4/CSA 3.7—03	Nonrecirculating Direct-gas-fired Industrial Air Heaters . . . . .	.611.1
Z83.6—90 (R1998)	Gas-fired Infrared Heaters . . . . .	.630.1
Z83.8/CSA 2.6—09	Gas Unit Heater, Gas Packaged Heater, Gas Utility Heaters and Gas-fired Duct Furnaces . . . . .	.620.1
Z83.11/CSA 1.8—06	Gas Food Service Equipment. . . . .	.623.1
Z83.18—04	Recirculating Direct Gas-fired Industrial Air Heaters . . . . .	.612.1
Z83.19—01(R2005)	Gas-fired High-intensity Infrared Heaters . . . . .	.630.1
Z83.20—08	Gas-fired Low-intensity Infrared Heaters . . . . .	.630.1

REFERENCED STANDARDS

ASME

American Society of Mechanical Engineers
 Three Park Avenue
 New York, NY 10016-5990

Standard reference number	Title	Referenced in code section number
B1.20.1—83 (Reaffirmed 2006)	Pipe Threads, General Purpose (inch)	403.9
B16.1—2005 (Reaffirmed 2004)	Cast-iron Pipe Flanges and Flanged Fittings, Class 25, 125 and 250.	403.12
B16.20—98 (Reaffirmed 2007)	Metallic Gaskets for Pipe Flanges Ring-joint, Spiral-wound and Jacketed	403.12
B16.33—02 (Reaffirmed 2007)	Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 psig (Sizes ½ through 2)	409.1.1
B16.44—2002 (Reaffirmed 2007)	Manually Operated Metallic Gas Valves for Use in Aboveground Piping Systems Up to 5 psi	409.1.1
B31.3—04	Process Piping	704.1.2, 704.1.2.4, 705.2, 705.3
B36.10M—2004	Welded and Seamless Wrought-steel Pipe	403.4.2
BPVC—07	ASME Boiler & Pressure Vessel Code (2007 Edition)	631.1, 703.2.2, 703.3.3, 703.3.4
CSD-1—2009	Controls and Safety Devices for Automatically Fired Boilers	631.1

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—07	Specification for Pipe, Steel, Black and Hot Dipped Zinc-coated Welded and Seamless	403.4.2
A 106/A 106M—08	Specification for Seamless Carbon Steel Pipe for High-temperature Service	403.4.2
A 254—97 (2007)	Specification for Copper Braze Steel Tubing	403.5.1
B 88—03	Specification for Seamless Copper Water Tube	403.5.2
B 210—04	Specification for Aluminum and Aluminum-alloy Drawn Seamless Tubes.	403.5.3
B 241/B 241M—02	Specification for Aluminum and Aluminum-alloy, Seamless Pipe and Seamless Extruded Tube	403.4.4, 403.5.3
C 315—07	Specification for Clay Flue Liners and Chimney Pots	501.12
D 2513—09	Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing and Fittings	403.6, 403.6.1, 403.11, 404.17.2
D 2513—08b	Specification for Thermoplastic Gas Pressure Pipe, Tubing and Fittings	403.6
F 1973—08	Standard Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems	404.17.2

CGA

Compressed Gas Association
 1725 Jefferson Davis Highway, 5th Floor
 Arlington, VA 22202-4102

Standard reference number	Title	Referenced in code section number
S-1.1—(2002)	Pressure Relief Device Standards—Part 1—Cylinders for Compressed Gases	703.3
S-1.2—(1995)	Pressure Relief Device Standards—Part 2—Cargo and Portable Tanks for Compressed Gases	703.3
S-1.3—(1995)	Pressure Relief Device Standards—Part 3—Stationary Storage Containers for Compressed Gases.	703.3

CSA

CSA America Inc.
 8501 E. Pleasant Valley Rd.
 Cleveland, OH USA 44131-5575

Standard reference number	Title	Referenced in code section number
ANSI CSA America FC1—03	Stationary Fuel Cell Power Systems	633.1
CSA 8—93	Requirements for Gas-fired Log Lighters for Wood Burning Fireplaces—with Revisions through January 1999	603.1

DOTn

Department of Transportation
400 Seventh St. SW.
Washington, DC 20590

Standard reference number	Title	Referenced in code section number
49 CFR, Parts 192.281(e) & 192.283 (b)—(2009)	Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards.	403.6.1
49 CFR Parts 100—180	Hazardous Materials Regulations	703.2.2, 703.3.3, 703.3.4

ICC

International Code Council, Inc.
500 New Jersey Ave, NW
6th Floor
Washington, DC 20001

Standard reference number	Title	Referenced in code section number
IBC—12	International Building Code®	102.2.1, 201.3, 301.10, 301.11, 301.12, 301.14, 302.1, 302.2, 305.6, 306.6, 401.1.1, 412.6, 413.3, 413.3.1, 501.1, 501.3, 501.12, 501.15.4, 609.3, 614.2, 706.2, 706.3
IECC—12	International Energy Conservation Code®	301.2
IFC—12	International Fire Code®	201.3, 401.2, 412.1, 412.6, 412.7, 412.7.3, 412.8, 413.1, 413.3, 413.3.1, 413.5, 413.9.2.5, 701.1, 701.2, 703.2, 703.2.2, 703.3.8, 703.4, 703.5, 704.1.2, 704.3, 704.4, 706.2, 706.3, 707.1, 707.2, 708.1
IMC—12	International Mechanical Code®	101.2.5, 201.3, 301.1.1, 301.13, 304.11, 501.1, 614.2, 618.5, 621.1, 624.1, 631.2, 632.1, 703.1.2
IPC—12	International Plumbing Code®	201.3, 301.6, 624.1.1, 624.2
IRC—12	International Residential Code®	703.2.1

MSS

Manufacturers Standardization Society of
the Valve and Fittings Industry
127 Park Street, Northeast
Vienna, VA 22180

Standard reference number	Title	Referenced in code section number
SP-6—01	Standard Finishes for Contact Faces of Pipe Flanges and Connecting-end Flanges of Valves and Fittings	403.12
SP-58—93	Pipe Hangers and Supports-Materials, Design and Manufacture	407.2

NFPA

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02269-9101

Standard reference number	Title	Referenced in code section number
30A—12	Code for Motor Fuel Dispensing Facilities and Repair Garages	305.4
37—10	Installation and Use of Stationary Combustion Engines and Gas Turbines	616.1
51—02	Design and Installation of Oxygen-fuel Gas Systems for Welding, Cutting and Allied Processes.	414.1
58—11	Liquefied Petroleum Gas Code	401.2, 402.6, 403.11
70—11	National Electrical Code	306.3.1, 306.4.1, 306.5.2, 309.2, 413.9.2.4, 703.6
82—09	Incinerators, Waste and Linen Handling Systems and Equipment	503.2.5, 607.1
85—11	Boiler and Combustion Systems Hazards Code.	631.1
88A—11	Parking Structures	305.9
211—10	Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances.	503.5.2, 503.5.3, 503.5.6.1, 503.5.6.3

REFERENCED STANDARDS

NFPA—continued

409—10	Aircraft Hangars	305.11
853—10	Installation of Stationary Fuel Cell Power Systems	633.1

UL

Underwriters Laboratories Inc.
333 Pfingsten Road
Northbrook, IL 60062

Standard reference number	Title	Referenced in code section number
103—2001	Factory-built Chimneys, Residential Type and Building Heating Appliances—with Revisions through March 2010	506.1
127—08	Factory-built Fireplaces—with Revisions through January 2010.	621.7
441—2010	Gas Vents—with Revisions through August 2006	502.1
641—95	Type L Low-temperature Venting Systems—with Revisions through July 2009	502.1
651—05	Schedule 40 and 80 Rigid PVC Conduit and Fittings—with Revisions through March 2010.	403.6.3
795—2006	Commercial-industrial Gas Heating Equipment—with Revisions through April 2010.	610.1, 618.1, 631.1
959—01	Medium Heat Appliance Factory-built Chimneys—with Revisions through June 2010.	506.3
1738—1993	Venting Systems for Gas Burning Appliances, Categories II, III and IV—with Revisions through October 2006	502.1
1777—2007	Chimney Liners—with Revisions through July 2009.	501.12, 501.15.4
2200—98	Stationary Engine Generator Assemblies—with Revisions through December 2009	616.1