

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.

ANSI	American National Standards Institute 25 West 43rd Street Fourth Floor New York, NY 10036
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Standard reference number	Title	Referenced in code section number
LC 1—97	Interior Gas Piping Systems Using Corrugated Stainless Steel Tubing —with Addenda LC 1a-1999 and LC 1b-2001	.403.5.4
<u>ANSI CSA-</u> <u>America FC 1—03</u>	<u>Stationary Fuel Cell Power Systems</u>	.633.1
Z21.1—00	Household Cooking Gas Appliances— <u>with Addenda Z21.1a-2003</u>	.623.1
Z21.5.1—99	Gas Clothes Dryers - Volume I - Type 1 Clothes Dryers— <u>with Addenda Z21.5.1a-2003</u>	.613.1
Z21.5.2—01	Gas Clothes Dryers - Volume II- Type 2 Clothes Dryers— <u>with Addenda Z21.5.2a-2003</u>	.613.1, 614.3
Z21.8—94(R 2002)	Installation of Domestic Gas Conversion Burners	.619.1
Z21.10.1—01	Gas Water Heaters - Volume I - Storage, Water Heaters with Input Ratings of 75,000 Btu per Hour or Less — <u>with Addenda Z21.10.1a-2002</u>	.624.1
Z21.10.3—01	Gas Water Heaters - Volume III - Storage, Water Heaters with Input Ratings Above 75,000 Btu per hour, Circulating and Instantaneous	.624.1
Z21.11.1—91	<u>Deleted</u>	
Z21.11.2—02	Gas-Fired Room Heaters - Volume II - Unvented Room Heaters	.621.1
Z21.13—00	Gas-Fired Low-Pressure Steam and Hot Water Boilers— <u>with Addenda Z21.13a-2002</u>	.631.1
Z21.15—97(R 2003)	Manually Operated Gas Valves for Appliances, Appliance Connector Valves, and Hose End Valves — <u>with Addenda Z21.15a-2001 (R2003)</u>	.409.1.1
Z21.19—02	Refrigerators Using Gas (R 1999) Fuel	.625.1
Z21.24-97	<u>Connectors for Gas Appliances</u>	.411.1
Z21.40.1—96(R 2002)	Gas-Fired Heat Activated Air Conditioning and Heat Pump Appliances — <u>with Addenda Z21.40.1a-1997 (R2002)</u>	.627.1
Z21.40.2—96(R 2002)	Gas-Fired Work Activated Air Conditioning and Heat Pump Appliances (Internal Combustion) — <u>with Addenda Z21.40.2a-1997 (R2002)</u>	.627.1
Z21.42—93(R 2002)	Gas-Fired Illuminating Appliances	.628.1
Z21.47—01	Gas-Fired Central Furnaces— <u>with Addenda Z21.47a-2001 and Z21.47b-2002</u>	.618.1
Z21.48—92	<u>Deleted</u>	
Z21.49—92	<u>Deleted</u>	
Z21.50—00	Vented Gas Fireplaces— <u>with Addenda Z21.50a-2001 and Z21.50b-2002</u>	.604.1
Z21.56—01	Gas-Fired Pool Heaters	.616.1
Z21.58—95(R 2002)	Outdoor Cooking Gas Appliances— <u>with Addenda Z21.58a-1998 (R2002) and Z21.58b-2002</u>	.623.1
Z21.60—03	Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces	.602.1
Z21.61—83 (R 1996)	Toilets, Gas-Fired	.625.1
Z21.69—02	Connectors for Movable Gas Appliances	.411.1
Z21.75/CSA 6.27—01	<u>Connectors for Outdoor Gas Appliances and Manufactured Homes</u>	.411.1, 411.2
Z21.83—98	<u>Deleted</u>	
Z21.84—02	Manually-Lighted, Natural Gas Decorative Gas Appliances for Installation in Solid Fuel Burning Fireplaces	.602.1, 602.2
Z21.86—00	Gas-Fired Vented Space Heating Appliances— <u>with Addenda Z21.86a-2002 and Z21.86b-2002</u>	.608.1, 609.1, 622.1
Z21.88—02	Vented Gas Fireplace Heaters	.605.1
Z83.4—99	Non-Recirculating Direct-Gas-Fired Industrial Air Heaters— <u>with Addenda Z83.4a-2001 and Z83.4b-2002</u>	.611.1
Z83.6—90 (R 1998)	Gas-Fired Infrared Heaters	.630.1
Z83.8—02	<u>Gas Unit Heaters and Gas-Fired Duct Furnaces</u>	.620.1
Z83.9—96	<u>Deleted</u>	
Z83.11—02	Gas Food Service Equipment	.623.1
Z83.18—00	Recirculating Direct Gas-Fired Industrial Air Heaters— <u>with Addenda Z83.18a-2001</u>	.612.1

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
<u>B1.20.1—83</u> (Reaffirmed 2001)	Pipe Threads, General Purpose (inch)	403.9
B16.1—98	Cast Iron Pipe Flanges and Flanged Fittings, Class 25, 125 and 250	403.12
B16.20—98	Metallic Gaskets for Pipe Flanges Ring-Joint, Spiral-Wound, and Jacketed — with Addendum B16.20a-2000	403.12
B16.33—02	Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 psig (Sizes 1/2 through 2)	409.1.1
<u>B16.44—01</u>	<u>Manually Operated Metallic Gas Valves For Use in House Piping Systems</u>	<u>409.1.1</u>
B31.3—02	Process Piping	704.1.2, 705.2, 705.3
B36.10M—00	Welded and Seamless Wrought-Steel Pipe	403.4.2
BPVC—01	ASME Boiler & Pressure Vessel Code (2001 Edition) (Sections I, II, IV, V & IX)	631.1, 703.2.2, 703.3.3, 703.3.4
CSD-1—02	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—02	Specification for Pipe, Steel, Black and Hot Dipped Zinc-Coated Welded and Seamless	403.4.2
A 106—02a	Specification for Seamless Carbon Steel Pipe for High-Temperature Service.	403.4.2
A 254—97(2002)	Specification for Copper Brazed Steel Tubing.	403.5.1
A 539—99	Specification for Electric Resistance-Welded Coiled Steel Tubing for Gas and Fuel Oil Lines.	403.5.1
B 88—02	Specification for Seamless Copper Water Tube.	403.5.2
B 210—02	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
B 280—02	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service.	403.5.2
C 64—72 (1977)	Withdrawn No Replacement (Specification for Fireclay Brick Refractories for Heavy Duty Stationary Boiler Service)	503.10.2.5
C 315—02	Specification for Clay Flue Linings	501.12
D 2513—03	Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings	403.6, 403.6.1, 403.11, 404.14.2

AWWA

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

Standard reference number	Title	Referenced in code section number
C111—00	Rubber-Gasket Joints for Ductile-Iron Pressure Pipe and Fittings.	403.12

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 Requirement 3—88	Manually Operated Gas Valves For Use In House Piping Systems	409.1.1
CSA 8—93 (Revision 1, 1999)	Requirements for Gas-Fired Log Lighters for Wood Burning Fireplaces	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)	Transportation of Natural and Other Gas by Pipeline: Minimum Federal Safety Standards	403.6.1
Parts 100-180	Hazardous Materials Regulations	703.2.2, 703.3.3, 703.3.4

ICC

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

Standard reference number	Title	Referenced in code section number
IBC—03	International Building Code®	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, 706.1, 706.3
ICC EC—03	ICC Electrical Code®—Administrative Provisions	201.3, 306.3.1, 306.4.1, 306.5.2, 309.2, 413.8.2.4, 703.6
IEBC—03	International Existing Building Code®	101.2
IECC—03	International Energy Conservation Code®	301.2
IFC—03	International Fire Code®	201.3, 303.4, 401.2, 412.1, 412.6, 412.7, 412.7.3, 412.8, 413.1, 413.3, 413.3.1, 413.4, 413.8.2.5, 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, 706.3.4, 706.3.5, 706.3.6, 707.2, 707.1, 708.1
IMC—03	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, 706.3.2
IPC—03	International Plumbing Code®	201.3, 301.6, 624.1.1, 624.2
IRC—03	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

REFERENCED STANDARDS

NFPA

National Fire Protection Association
 1 Batterymarch Pike
 P.O. Box 9101
 Quincy, MA 02269-9101

Standard reference number	Title	Referenced in code section number
37—02	Installation and Use of Stationary Combustion Engines and Gas Turbines	616.1
50A—99	Gaseous Hydrogen Systems at Consumer Sites	706.1
51—02	Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes	414.1
58—01	Liquefied Petroleum Gas Code	401.2, 402.6.1, 403.6.2, 403.11
82—99	Incinerators, Waste and Linen Handling Systems and Equipment.	607.1
85—01	Boiler and Combustion Systems Hazards Code.	631.1
88B—97	Repair Garages	305.5
211—00	Chimneys, Fireplaces, Vents, and Solid Fuel-Burning Appliances	503.5.2, 503.5.3, 503.5.6.1, 503.5.6.3
853—00	Standard for the Installation of Stationary Fuel Cell Power Plants	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, for Residential Type and Building Heating Appliances.	506.1
127—96	Factory-Built Fireplaces—with Revisions through November 1999	621.7
441—96	Gas Vents—with Revisions through <u>December 1999</u>	502.1
641—95	Type L Low-Temperature Venting Systems—with Revisions through April 1999.	502.1
795—99	Commercial-Industrial Gas Heating Equipment	610.1, 618.1, 631.1
959—01	Medium Heat Appliance Factory-Built Chimneys	506.3
1738—93	Venting Systems for Gas Burning Appliances, Categories II, III and IV with Revisions through December 2000.	502.1
1777—98	Chimney Liners—with Revisions through July 1998.	501.12, 501.15.4