

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

Standard reference number	Title	Referenced in code section number
LC 1—97	Interior Gas Piping Systems Using Corrugated Stainless Steel Tubing	403.5.4
Z21.1—00	Household Cooking Gas Appliances	623.1
Z21.5.1—99	Gas Clothes Dryers - Volume I -Type 1 Clothes Dryers	613.1
Z21.5.2—99	Gas Clothes Dryers - Volume II- Type 2 Clothes Dryers with Z21.5.2a-99 and Z21.5.2b-99 Addenda	613.1, 614.3
Z21.8—94	Installation of Domestic Gas Conversion Burners	619.1
Z21.10.1—00	Gas Water Heaters - Volume I - Storage, Water Heaters with Input Ratings of 75,000 Btu per Hour or Less	624.1
Z21.10.3—98	Gas Water Heaters - Volume III - Storage, Water Heaters with Input Ratings Above 75,000 Btu per hour, Circulating and Instantaneous Water Heaters—with Z21.10.3a-99 Addendum	624.1
Z21.11.1—91	Gas-Fired Room Heaters - Volume I - Vented Room Heaters—with 1993 Addendum (Replaced by Z21.86-98/CSA 2.32 - M98, Vented Gas-Fired Space Heating Appliances)	622.1
Z21.11.2—96	Gas-Fired Room Heaters - Volume II - Unvented Room Heaters with Addendum A-97 and Addendum B-98	621.1
Z21.13—99	Gas-Fired Low-Pressure Steam and Hot Water Boilers—with Addenda Z21.13a-1993 and Z21.13b-1994	631.1
Z21.15—97	Manually Operated Gas Valves for Appliances, Appliance Connector Valves, and Hose End Valves	409.1.1
Z21.19—90	Refrigerators Using Gas (R 1999) Fuel—with Addenda Z721.19a-1992 (R1999) and Z21.19b-1995 (R1999)	625.1
Z21.40.1—96	Gas-Fired Heat Activated Air Conditioning and Heat Pump Appliances—with Z21.40.1a-98 Addendum	627.1
Z21.40.2—96	Gas-Fired Work Activated Air Conditioning and Heat Pump Appliances (Internal Combustion)—with Z21.40.2a-97 Addendum	627.1
Z21.42—93	Gas-Fired Illuminating Appliances	628.1
Z21.47—00	Gas-Fired Central Furnaces—with Addendum Z21.47a-00	618.1
Z21.48—92	Gas-Fired Gravity and Fan Type Floor Furnaces—with 1993 Addendum (Replaced by Z21.86-98/CSA 2.32-M98, Vented Gas-Fired Space Heating Appliances)	609.1
Z21.49—92	Gas-Fired Gravity and Fan-Type Vented Wall Furnaces—with 1993 Addendum B-94 (Replaced by Z21.86-98/CSA 2.32-M98, Vented Gas-Fired Space Heating Appliances)	608.1
Z21.50—98	Vented Decorative Gas Appliances	604.1
Z21.56—98	Gas-Fired Pool Heaters—with Addendum Z21.56a-99	616.1
Z21.58—95	Outdoor Cooking Gas Appliances—with Addendum Z21.58a-1998	623.1
Z21.60—00	Decorative Gas Appliances for Installation in Solid-Fuel Burning Fireplaces	602.1
Z21.61—83 (R 1996)	Toilets, Gas-Fired	625.1
Z21.69—97	Connectors for Movable Gas Appliances	411.1
Z21.83—98	Fuel Cell Power Plants	632.1
Z21.84—99	Manually-Lighted, Natural Gas Decorative Gas Appliances for Installation in Solid Fuel Burning Fireplaces	602.1, 602.2
Z21.86—98/CSA 2.32 M98	Gas-Fired Vented Space Heating Appliances	608.1, 609.1, 622.1
Z21.88—99	Vented Gas Fireplace Heaters	605.1
Z83.4—99	Non-Recirculating Direct-Gas-Fired Industrial Air Heaters with Addendum Z83.4a-2001	611.1
Z83.6—90 (R 1998)	Gas-Fired Infrared Heaters	630.1
Z83.8—96	Gas -Fired Unit Heaters—with Addendum Z83.8a-1997	620.1
Z83.9—96	Gas-Fired Duct Furnaces	610.1
Z83.11—00	Gas Food Service Equipment (Ranges and Unit Broilers), Baking and Roasting Ovens, Fat Fryers, Counter Appliances and Kettles, Steam Cookers, and Steam Generators	623.1
Z83.18—90	Recirculating Direct Gas-Fired Industrial Air Heaters with Addenda Z83a 2001 and Z83.18b 1992	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
B1.20.1—R92	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—90	Manually Operated Metallic Gas Valves for Use in Gas Piping Systems up to 125 psig (Sizes 1/2 through 2)	409.1.1
B31.3—99	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)	630.1, 703.2.2, 703.3.3, 703.3.4
CSD-1—98	Controls and Safety Devices for Automatically Fired Boilers with the ASME CSD-1a-1999 Addendum	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—01	Specification for Pipe, Steel, Black and Hot Dipped Zinc-Coated Welded and Seamless	403.4.2
A 106—99	Specification for Seamless Carbon Steel Pipe for High-Temperature Service	403.4.2
A 254—97	Specification for Copper Braze 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—99	Specification for Seamless Copper Water Tube	403.5.2
B 210—00	Specification for Aluminum and Aluminum-Alloy Drawn Seamless Tubes	403.5.3
B 241/B 241M—00	Specification for Aluminum and Aluminum-Alloy, Seamless Pipe and Seamless Extruded Tube	403.4.4, 403.5.3
B 280—99	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—00	Specification for Clay Flue Linings	501.12
D 2513—01A	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—(1994)	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 Partnumber	Title	Referenced in code section number
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—96	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—98	Installation and Use of Stationary Combustion Engines and Gas Turbines	616.1
50A—99	Gaseous Hydrogen Systems at Consumer Sites	706.1
51—97	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 Construction 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—98	Factory-Built Chimneys, Residential Type and Building Heating Appliances—with Revisions thru March 1999	506.1
127—96	Factory-Built Fireplaces—with Revisions through November 1999	621.7
441—96	Gas Vents—with Revisions through April 1999	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