

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 102.8.

ACCA Air Conditioning Contractors of America
 2800 Shirlington Road, Suite 300
 Arlington, VA 22206

Standard reference number	Title	Referenced in code section number
Manual D—2011	Residential Duct Systems	601.4, 603.2
183—2007 (reaffirmed 2011)	Peak Cooling and Heating Load Calculations in Buildings Except Low-rise Residential Buildings	312.1
	<u>Manual J Residential Load Calculations, Eighth Edition</u>	<u>312</u>
	<u>Manual S Residential Equipment Selection, Second Edition</u>	<u>312</u>

AHRI Air-Conditioning, Heating and Refrigeration Institute
 4100 North Fairfax Drive, Suite 200
 Arlington, VA 22203

Standard reference number	Title	Referenced in code section number
700—2011 with Addendum 1	Purity Specifications for Fluorocarbon and Other Refrigerants	1102.2.2.3

AMCA Air Movement and Control Association International
 30 West University Drive
 Arlington Heights, IL 60004

Standard reference number	Title	Referenced in code section number
550—08	Test Method for High Velocity Wind Driven Rain Resistant Louvers	401.5, 501.3.2

ANSI American National Standards Institute
 11 West 42nd Street
 New York, NY 10036

Standard reference number	Title	Referenced in code section number
Z21.8—1994 (R2002)	Installation of Domestic Gas Conversion Burners	919.1

REFERENCED STANDARDS

ASHRAE ASHRAE
1791 Tullie Circle, NE
Atlanta, GA 30329

Standard reference number	Title	Referenced in code section number
ASHRAE—2013	ASHRAE Fundamentals Handbook	603.2
15—2013	Safety Standard for Refrigeration Systems.	1101.6, 1105.8, 1108.1
34—2013	Designation and Safety Classification of Refrigerants.	202, 1102.2.1, 1103.1
62.1—2013	Ventilation for Acceptable Indoor Air Quality.	403.3.1.1.2.3.2
170—2008	Ventilation of Health Care Facilities	407
180—2012	Standard Practice for Inspection and Maintenance of Commercial Building HVAC Systems	102.3

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—1983 (R2006)	Pipe Threads, General Purpose (Inch)	1203.3.5, 1303.3.3
B16.3—2011	Malleable Iron Threaded Fittings, Classes 150 & 300	Table 1202.5
B16.5—2009	Pipe Flanges and Flanged Fittings NPS 1/2 through NPS 24	Table 1202.5
B16.9—2007	Factory Made Wrought Steel Buttwelding Fittings	Table 1202.5
B16.11—2011	Forged Fittings, Socket-welding and Threaded	Table 1202.5
B16.15—2011	Cast Bronze Threaded Fittings	Table 1202.5
B16.18—2012	Cast Copper Alloy Solder Joint Pressure Fittings	513.13.1, Table 1202.5
B16.22—(R2010)	Wrought Copper and Copper Alloy Solder Joint Pressure Fittings	513.13.1, Table 1202.5
B16.24—2011	Cast Copper Alloy Pipe Flanges and Flanged Fittings: Class 150, 300, 400, 600, 900, 1500 and 2500.	Table 1202.5
B16.26—2011	Cast Copper Alloy Fittings for Flared Copper Tubes.	Table 1202.5
B16.28—1994	Wrought Steel Buttwelding Short Radius Elbows and Returns	Table 1202.5
B16.51—2011	Copper and Copper Alloy Press-Connect Pressure Fittings	Table 1202.5
B31.5—2010	Refrigeration Piping and Heat Transfer Components	1107.1
B31.9—2011	Building Services Piping	1201.3
BPVC—2010/ 2011 addenda	ASME Boiler & Pressure Vessel Code—07 Edition	1009.2, 1003.1, 1004.1, 1011.1
CSD-1—2012	Controls and Safety Devices for Automatically Fired Boilers	1004.1

ASSE American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, IL 60018

Standard reference number	Title	Referenced in code section number
ANSI/ASSE Z359.1-2007	Safety Requirements for Personal Fall Arrest Systems, Subsystems and Components, Part of the Fall Protection Code	304.11

ASSE American Society of Sanitary Engineering
901 Canterbury, Suite A
Westlake, OH 44145

Standard reference number	Title	Referenced in code section number
1017—2010	Performance Requirements for Temperature Actuated Mixing Valves for Hot Water Distribution Systems.	1002.2.2



ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428

Standard reference number	Title	Referenced in code section number
A53/A53M—12	Specification for Pipe, Steel, Black and Hot-dipped, Zinc-coated Welded and Seamless.	Table 1202.4, Table 1202.5, Table 1302.3
A106/A106M—11	Specification for Seamless Carbon Steel Pipe for High-Temperature Service	Table 1302.3, Table 1202.5 Table 1202.4 Table 1302.3
A126—09	Specification for Gray Iron Castings for Valves, Flanges and Pipe Fittings	Table 1202.5
A234/A234M—11a	Standard Specification for Piping Fittings of Wrought Carbon Steel And Alloy Steel For Moderate and High Temperature Service	Table 1202.5
A254—97 (2007)	Specification for Copper Braze Steel Tubing.	Table 1202.4, Table 1302.3
A395/A395M-99(2009)	Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures	Table 1202.5, Table 1302.3
A420/A420M—10A	Specification for Piping Fittings of Wrought Carbon Steel and Alloy Steel for Low-Temperature Service	Table 1202.5
A536-84(2009)	Standard Specification for Ductile Iron Castings.	Table 1202.5
A539—99	Specification for Electric-resistance-welded Coiled Steel Tubing for Gas and Fuel Oil Lines.	Table 1302.3
B32—08	Specification for Solder Metal	1203.3.3
B42—10	Specification for Seamless Copper Pipe, Standard Sizes.	513.13.1, 1107.5.2, Table 1302.3 Table 1202.4, Table 1302.3
B43—09	Specification for Seamless Red Brass Pipe, Standard Sizes	513.13.1, 1107.5.2, Table 1302.3 Table 1202.4, Table 1302.3
B68—11	Specification for Seamless Copper Tube, Bright Annealed.	513.13.1
B75—11	Specification for Seamless Copper Tube	Table 1302.3
B88—09	Specification for Seamless Copper Water Tube.	513.13.1, 1107.5.3, Table 1202.4, Table 1302.3
B135—10	Specification for Seamless Brass Tube	Table 1202.4
B251—10	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube	513.13.1, Table 1202.4
B280—08	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	513.13.1, 1107.5.3, Table 1302.3
B302—12	Specification for Threadless Copper Pipe, Standard Sizes	Table 1202.4, Table 1302.3
B813—10	Specification for Liquid and Paste Fluxes for Soldering of Copper and Copper Alloy Tube.	1203.3.3
C315—07(2011)	Specification for Clay Flue Liners and Chimney Pots.	801.16.1, Table 803.10.4
C411—11	Test Method for Hot-surface Performance of High-temperature Thermal Insulation	604.3
D56—05(2010)	Test Method for Flash Point by Tag Closed Tester	202
D93—12	Test Method for Flash Point of Pensky-Martens Closed Cup Tester.	202
D1527—99(2005)	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe, Schedules 40 and 80.	Table 1202.4
D1693—13	Test Method for Environmental Stress-Cracking of Ethylene Plastics	Table 1202.4
D1785—12	Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe, Schedules 40, 80 and 120.	Table 1202.4, Table 1210.4
D2235—04(2011)	Specifications for Solvent Cement for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe and Fittings.	1203.3.4
D2241—09	Specification for Poly (Vinyl Chloride)(PVC) Pressure-rated Pipe (SDR-Series)	Table 1202.4, Table 1210.4
D2282—99(2005)	Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (SDR-PR)	Table 1202.4
D2412—11	Test Method for Determination of External Loading Characteristics of Plastic Pipe by Parallel-plate Loading	603.8.3
D2464—13	Standard Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80	Table 1210.5
D2466—06	Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 40	Table 1202.5, Table 1210.5
D2467—06	Specification for Poly (Vinyl Chloride)(PVC) Plastic Pipe Fittings, Schedule 80	Table 1202.5, Table 1210.5
D2564—12	Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems	1203.3.4
D2657—07	Standard Practice for Heat Fusion Joining of Polyolefin Pipe and Fittings.	Table 1210.5
D2683—2010E1	Specification for Socket-type Polyethylene Fittings for Outside Diameter-controlled Polyethylene Pipe and Tubing	Table 1210.5, 1210.6.6.1
D2737—12A	Standard Specification for Polyethylene (PE) Plastic Tubing	Table 1210.4
D2846/D2846M—09BE1	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Hot and Cold Water Distribution Systems.	Table 1210.4, Table 1202.4, 1203.3.4
D2996—01(2007)e01	Specification for Filament-wound Fiberglass (Glass Fiber Reinforced Thermosetting Resin) Pipe	Table 1302.3

REFERENCED STANDARDS

ASTM—continued

D3035—2012E1	Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter	Table 1210.4
D3261—12	Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing	Table 1210.5, 1210.6.6.1
D3278—1996(2011)	Test Methods for Flash Point of Liquids by Small Scale Closed-cup Apparatus	202
D3309—96a(2002)	Specification for Polybutylene (PB) Plastic Hot and Cold Water Distribution Systems	Table 1202.4, 1203.10.1
E84—2013A	Test Method for Surface Burning Characteristics of Building Materials	202, 510.9, 602.2, 602.2.1, 602.2.1.6, 602.2.1.6.1, 602.2.1.6.2, 602.2.1.6.3, 602.2.1.7, 604.3, 1204.1
E119—2012a	Test Method for Fire Tests of Building Construction and Materials	607.5.2, 607.5.5, 607.6.1, 607.2.1
E136—2012	Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 Degrees C	202
E814—2013	Test Method for Fire Tests of Through-penetration Fire Stops	506.3.11.2, 506.3.11.3
E1509—12	Specification for Room Heaters, Pellet Fuel-burning Type	904.1
E2231—09	Standard Practice For Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics	604.3, 1204.1
E2336—04(2013)	Standard Test Methods for Fire Resistive Grease Duct Enclosure Systems	506.3.6, 506.3.11.2
F437—09	Specification for Threaded Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	Table 1210.5
F438—09	Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 40	Table 1202.5, Table 1210.5
F439—12	Specification for Socket Type Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80	Table 1202.5, Table 1210.5
F441/F441M—13	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80	Table 1202.4, Table 1210.4
F442/F442M—13	Specification for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe (SDR-PR)	Table 1202.4, Table 1210.4
F493—10	Specification for Solvent Cements for Chlorinated Poly (Vinyl Chloride) (CPVC) Plastic Pipe and Fittings	1203.3.4
F714—13	Standard Specification for Polyethylene (PE) Plastic Pipe (SDR-PR) based on Outside Diameter	Table 1210.4
F876—13	Specification for Cross-linked Polyethylene (PEX) Tubing	Table 1202.4, Table 1210.4
F877—2011A	Specification for Cross-linked Polyethylene (PEX) Plastic Hot and Cold Water Distribution Systems	Table 1202.4, Table 1202.5, Table 1210.4
F1055—13	Specification for Electrofusion Type Polyethylene Fittings for Outside Diameter Controlled Polyethylene and Cross-linked Polyethylene Pipe and Tubing	Table 1210.5, 1210.6.6.2
F1281—11	Specification for Cross-linked Polyethylene/Aluminum/Crosslinked Polyethylene (PEX-AL-PEX) Pressure Pipe	Table 1202.4
F1282—10	Standard Specification for Polyethylene/Aluminum/ Polyethylene (PE-AL-PE) Composite Pressure Pipe	Table 1202.4, Table 1210.4, Table 1210.5
F1476—07	Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications	Table 1202.5, 1203.3.7
F1548—01(2006)	Standard Specification for the Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications	Table 1202.5
F1807—13	Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR 9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Table 1202.5, Table 1210.5
F1924—12	Standard Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing	1210.6.6.3
F1960—12	Specification for Cold-Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing	Table 1202.5
F1974—09	Standard Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene Composite Pressure Pipe	Table 1202.5
F2080—12	Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Cross-linked Polyethylene (PEX) Pipe	Table 1202.5
F2098—08	Standard Specification for Stainless Steel Clamps for SDR9 Cross-linked Polyethylene (PEX) Tubing to Metal and Plastic Insert Fittings	Table 1202.5
F2159—11	Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR 9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing	Table 1210.5, Table 1202.5
F2389—10	Specification for Pressure-rated Polypropylene Piping Systems	Table 1210.4, 1203.15.1, 1210.6.7.1, Table 1210.5, Table 1202.4, Table 1202.5

ASTM—continued

F2434—09	Standard Specification for Metal 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 1210.5
F2623—08	Standard Specification for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing1	Table 1202.4, Table 1210.4
F2735—09	Standard Specification for Plastic Insert Fittings for SDR 9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing	Table 1202.5
F2769—10	Polyethylene of Raised Temperature (PE-RT) Plastic Hot- and Cold-water Tubing and Distribution Systems	Table 1210.5, Table 1202.4
F2806—10	Standard Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR)	Table 1202.4

AWS

American Welding Society
8669 NW 36 Street, #130
Doral, FL 33166

Standard reference number	Title	Referenced in code section number
A5.8M/A5.8—2011	Specifications for Filler Metals for Brazing and Braze Welding	1203.3.1, 1303.3.1

AWWA

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

Standard reference number	Title	Referenced in code section number
C901—08	Polyethylene (PE) Pressure Pipe and Tubing, 1/2 in. (13mm) through 3 in. (76mm) for Water Service	Table 1210.4
C110/A21.10—12	Standard for Ductile Iron & Gray Iron Fittings	Table 1202.5
C115/A21.15—11	Standard for Flanged Ductile-Iron Pipe with Ductile Iron or Grey-Iron Threaded Flanges	Table 1202.4
C151/A21.51—09	Standard for Ductile-Iron Pipe, Centrifugally Cast for Water	Table 1202.4
C153/A21.53—11	Standard for Ductile-Iron Compact Fittings for Water Service	Table 1202.5

CSA

CSA Group
8501 East Pleasant Valley Road
Cleveland, OH 44131-5516

Standard reference number	Title	Referenced in code section number
B137.2—13	Polyvinylchloride (PVC) Injection-moulded Gasketed Fittings for Pressure Applications.	Table 1210.5
B137.3—13	Rigid Poly (Vinyl Chloride) (PVC) Pipe for Pressure Applications	Table 1210.5
B137.6—13	Chlorinated Polyvinylchloride (CPVC) Pipe, Tubing and Fittings for Hot- and Cold-water Distribution Systems	Table 1210.5
B137.9—13	Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure-Pipe Systems	Table 1210.4, Table 1210.5, Table 1202.4
B137.10—13	Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Composite Pressure-Pipe Systems	Table 1202.4
CSA C448 Series—02	Design and Installation of Earth Energy Systems—First Edition; Update 2: October 2009; Consolidated Reprint 10/2009	Table 1210.5
CAN/CSA 2002		
CSA B137.1—13	Polyethylene (PE) Pipe, Tubing and Fittings for Cold Water Pressure Services.	Table 1210.4, Table 1210.5
CSA B137.5—13	Cross-linked Polyethylene (PEX) Tubing Systems for Pressure Applications	Table 1210.4, Table 1210.5
CSA B137.11—13	Polypropylene (PP-R) Pipe and Fittings for Pressure Applications.	Table 1210.4, Table 1210.5
ANSI CSA America FC1—2012	Stationary Fuel Cell Power Systems	924.1

REFERENCED STANDARDS

DOL

Department of Labor
Occupational Safety and Health Administration
c/o Superintendent of Documents
US Government Printing Office
Washington, DC 20402-9325

Standard reference number	Title	Referenced in code section number
29 CFR Part 1910.1000 (2009)	Air Contaminants	502.6
29 CFR Part 1910.1025 (2009)	Toxic and Hazardous Substances	502.19

FS

Federal Specifications*
General Services Administration
7th & D Streets
Specification Section, Room 6039
Washington, DC 20407

Standard reference number	Title	Referenced in code section number
WW-P-325B (1976)	Pipe, Bends, Traps, Caps and Plugs; Lead (for Industrial Pressure and Soil and Waste Applications)	Table 1202.4

*Standards are available from the Supt. of Documents, U.S. Government Printing Office, Washington, DC 20402-9325

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—15	International Building Code®	201.3, 202, 301.15, 301.16, 301.17, 301.18, 302.1, 302.2, 304.8, 304.11, 308.4.2.2, 308.4.2.4, 401.4, 401.5, 406.1, 501.3.1, 501.3.2, 501.10.2, 502.10, 502.10.1, 504.2, 504.10, 505.3, 506.3.3, 506.3.10, 506.3.12.2, 506.4.1, 509.1, 510.6, 510.6.3, 510.6.2, 510.7, 510.7.1.1, 510.7.2, 510.7.3, 510.8, 511.1.5, 513.1, 513.2, 513.3, 513.4.3, 513.5, 513.5.2, 513.5.2.1, 513.5.3, 513.5.3.2, 513.6.2, 513.10.5, 513.11.1, 513.12, 513.12.2, 513.20, 601.3, 602.2, 602.2.1.5.1, 602.2.1.5.2, 602.2.1.6.1, 602.2.1.6.2, 602.3, 602.4, 603.1, 603.10, 603.13, 603.18.2, 604.5.4, 607.1.1, 607.1.2, 607.3.2.1, 607.5.1, 607.5.2, 607.5.3, 607.5.4, 607.5.4.1, 607.5.5, 607.5.5.1, 607.5.6, 607.6, 607.6.1, 607.6.2, 607.6.2.1, 607.6.3, 701.2, 701.4.1, 701.4.2, 801.3, 801.16.1, 801.18.4, 801.18.4.1, 902.1, 908.3, 908.4, 910.3, 924.1, 925.1, 926.1, 927.2, 928.1, 1004.6, 1105.1, 1206.4, 1210.8.2, 1305.2.1, 1402.4, 1402.4.1
IECC—15	International Energy Conservation Code®	301.2, 303.3, 312.1, 401.2, 514.1, 604.1, 1204.1, 1204.2
IFC—15	International Fire Code®	201.3, 310.1, 311.1, 502.4, 502.5, 502.7.2, 502.8.1, 502.9.1, 502.9.5, 502.9.5.2, 502.9.5.3, 502.9.8.2, 502.9.8.3, 502.9.8.5, 502.9.8.6, 502.9.11, 502.10, 502.10.3, 502.16.2, 509.1, 510.2.1, 510.2.2, 510.5, 511.1.1, 513.1, 513.2, 513.6.3, 513.12.1, 513.12.3, 513.12.4, 513.15, 513.16, 513.17, 513.18, 513.19, 606.2.1, 606.4.1, 908.7, 924.1, 926.1, 1101.9, 1105.3, 1105.9, 1106.5, 1106.6, 1301.1, 1301.2, 1301.5
IFGC—15	International Fuel Gas Code®	101.2, 201.3, 301.6, 701.1, 801.1, 901.1, 906.1, 926.1, 1101.5
IPC—15	International Plumbing Code®	201.3, 301.11, 307.2.2, 512.2, 908.5, 928.1, 1002.1, 1002.2, 1002.3, 1005.2, 1006.6, 1008.2, 1009.3, 1101.4, 1201.1, 1206.2, 1206.3, 1210.8.1, 1401.2
IRC—15	International Residential Code®	101.2

IIAR

International Institute of Ammonia Refrigeration
1110 North Glebe Road
Arlington, VA 22201

Standard reference number	Title	Referenced in code section number
2—2014	Standard for Safe Design of Closed-circuit Ammonia Refrigeration Systems	1101.6, 1105.6.3

MSS

Manufacturers Standardization Society of the Valve & Fittings Industry, Inc.
127 Park Street, N.E.
Vienna, VA 22180

Standard reference number	Title	Referenced in code section number
SP 58—2009	Pipe Hangers and Supports—Materials Design and Manufacture, Selection, Application and Installation	305.4

NAIMA

North American Insulation Manufacturers Association
44 Canal Center Plaza, Suite 310
Alexandria, VA 22314

Standard reference number	Title	Referenced in code section number
AH116—09	Fibrous Glass Duct Construction Standards.	603.5, 603.9

NBBI

National Board of Boiler and Pressure Vessel Inspectors
1055 Crupper Avenue
Columbus, OH 43229-1183

Standard reference number	Title	Referenced in code section number
NBIC—2011	National Board Inspection Code, Part 3.	1003.3

NFPA

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169-7471

Standard reference number	Title	Referenced in code section number
30A—15	Code for Motor Fuel-dispensing Facilities and Repair Garages	304.6
31—11	Standard for the Installation of Oil-burning Equipment	701.1, 801.2.1, 801.18.1, 801.18.2, 920.2, 922.1, 1308.1
37—15	Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines	915.1, 915.2
58—14	Liquefied Petroleum Gas Code	502.9.10
69—14	Standard on Explosion Prevention Systems	510.9.3
70—14	National Electrical Code	301.7, 306.3.1, 306.4.1, 511.1.1, 513.11, 513.12.2, 602.2.1.1, 927.2, 1104.2.2, 1106.3, 1106.4
72—13	National Fire Alarm and Signaling Code	606.3
82—14	Standard on Incinerators and Waste and Linen Handling Systems and Equipment	601.1
85—15	Boiler and Combustion Systems Hazards Code.	1004.1
91—15	Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Noncombustible Particulate Solids	502.9.5.1, 502.17
92—15	Standard for Smoke Control Systems	513.7, 513.8
96—14	Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations	507.1
211—13	Standard for Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances	806.1
262—15	Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-handling Spaces	602.2.1.1

REFERENCED STANDARDS

NFPA—continued

286—15	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth	602.2.1.6.2
704—12	Standard System for Identification of the Hazards of Materials for Emergency Response	502.8.4, Table 1103.1, 510.1
853—15	Standard on Installation of Stationary Fuel Power Plants	924.1

NSF

NSF International
789 Dixboro Road, P. O. Box 130140
Ann Arbor, MI 48113-0140

Standard reference number	Title	Referenced in code section number
NSF 14—2011	Plastic Piping System Components and Related Materials	301.4
NSF 358-1—2011	Polyethylene Pipe and Fittings for Water Based Ground Source “Geothermal” Heat Pump Systems.	Table 1210.4, Table 1210.5

SMACNA

Sheet Metal & Air-Conditioning Contractors National Assoc., Inc.
4201 Lafayette Center Drive
Chantilly, VA 20151-1209

Standard reference number	Title	Referenced in code section number
SMACNA/ANSI—2005	HVAC Duct Construction Standards-Metal and Flexible 3rd Edition (ANSI)	603.4, Table 603.4, 603.9, 603.10
SMACNA—10	Fibrous Glass Duct Construction Standards	603.5, 603.9

UL

UL LLC
333 Pfingsten Road
Northbrook, IL 60062-2096

Standard reference number	Title	Referenced in code section number
17—2008	Vent or Chimney Connector Dampers for Oil-fired Appliances— with revisions Through January 2010.	803.6
58—96	Standard for Steel Underground Tanks for Flammable and Combustible Liquids	1309
80—09	Standard for Steel Tanks for Oil-burner Fuels and Other Combustible Liquids	1309
103—2010	Factory-built Chimneys, Residential Type and Building Heating Appliance— with revisions through July 2012	805.2
127—2011	Factory-built Fireplaces	903.1, 903.3, 903.4
142—10	Standard for Steel Above-ground Tanks for Flammable and Combustible Liquids	1309
174—04	Household Electric Storage Tank Water Heaters—with revisions through September 2012	1002.1
180—2012	Liquid-level Indicating Gauges for Oil Burner Fuels and Other Combustible Liquids	1306.4
181—05	Factory-made Air Ducts and Air Connectors— with revisions through October 2008	512.2, 603.5, 603.6.1, 603.6.2, 603.9, 604.13
181A—2013	Closure Systems for Use with Rigid Air Ducts and Air Connectors	603.9
181B—2013	Closure Systems for Use with Flexible Air Ducts and Air Connectors	603.9
197—10	Commercial Electric Cooking Appliances—with revisions through June 2011	917.1
207—2009	Refrigerant-containing Components and Accessories, Nonelectrical	1101.2
263—2011	Standard for Fire Test of Building Construction and Materials	607.5.2, 607.5.5, 607.6.1, 607.6.2.1
268—2009	Smoke Detectors for Fire Alarm Systems	606.1
268A—2008	Smoke Detectors for Duct Application—with revisions through September 2009	606.1
343—2008	Pumps for Oil-Burning Appliances—with revisions through June 2013.	1302.7
378—06	Draft Equipment—with revisions through January 2010.	804.3, 804.3.8
391—2010	Solid-fuel and Combination-fuel Central and Supplementary Furnaces— with revisions through March 2010	918.1
412—2011	Refrigeration Unit Coolers—with revisions through August 2012	1101.2
471—2010	Commercial Refrigerators and Freezers—with revisions through December 2012.	1101.2
499—05	Electric Heating Appliances—with revisions through February 2013.	912.1, 923.1
508—99	Industrial Control Equipment—with revisions through March 2013.	307.2.3
536—97	Flexible Metallic Hose—with revisions through June 2003	1302.8

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555—06	Fire Dampers—with revisions through May 2012	607.3.1
555C—06	Ceiling Dampers—with revisions through May 2010	607.3.1
555S—99	Smoke Dampers—with revisions through May 2012	607.3.1
586—2009	High-Efficiency, Particulate, Air Filter Units	605.2
641—2010	Type L Low-temperature Venting Systems—with revisions through May 2013	802.1
705—2004	Standard for Power Ventilators—with revisions through March 2012	504.5
710—2012	Exhaust Hoods for Commercial Cooking Equipment	507.1
710B—2011	Recirculating Systems	507.1, 507.2
723—2008	Standard for Test for Surface Burning Characteristics of Building Materials	510.9, 602.2, 602.2.1, 602.2.1.6, 602.2.1.6.2, 602.2.1.6.3, 602.2.1.7, 604.3, 1204.1
726—95	Oil-fired Boiler Assemblies—with revisions through April 2011	916.1, 1004.1
727—06	Oil-fired Central Furnace—with revisions through April 2010	918.1
729—03	Oil-fired Floor Furnaces—with revisions through August 2012	910.1
730—03	Oil-fired Wall Furnaces—with revisions through August 2012	909.1
731—95	Oil-fired Unit Heaters—with revisions through August 2012	920.1
732—95	Oil-fired Storage Tank Water Heaters—with revisions through April 2010	1002.1
737—2011	Fireplace Stoves	905.1
762—2010	Outline of Investigation for Power Ventilators for Restaurant Exhaust Appliances	506.5.1
791—06	Residential Incinerators—with revisions through April 2010	907.1
834—04	Heating, Water Supply and Power Boilers Electric—with revisions through January 2013	1004.1
842—07	Valves for Flammable Fluids—with revisions through October 2012	1307.1
858—05	Household Electric Ranges—with revisions through April 2012	917.1
867—2011	Electrostatic Air Cleaners—with revisions through February 2013	605.2
875—09	Electric Dry Bath Heater—with revisions through November 2011	914.2
896—93	Oil-burning Stoves—with revisions through August 2012	917.1, 922.1
900—04	Air Filter Units—with revisions through February 2012	605.2
907—94	Fireplace Accessories—with revisions through April 2010	902.2
923—2013	Microwave Cooking Appliances	917.1
959—2010	Medium Heat Appliance Factory-built Chimneys	805.5
1046—2010	Grease Filters for Exhaust Ducts—with revisions through January 2012	507.2.8
1240—2012	Electric Commercial Clothes—Drying Equipment—with revisions through October 2012	913.1
1261—01	Electric Water Heaters for Pools and Tubs—with revisions through July 2012	916.1
1453—04	Electric Booster and Commercial Storage Tank Water Heaters— with revisions through July 2011	1002.1
1479—03	Fire Tests of Through-penetration Firestops— with revisions through October 2012	506.3.11.2, 506.3.11.3
1482—2011	Solid-fuel Type Room Heaters	905.1
1618—09	Wall Protectors, Floor Protectors and Hearth Extensions— with revisions through May 2013	308.4.1, 903.2, 905.3
1777—2007	Chimney Liners—with revisions through July 2009	801.16.1, 801.18.4
1812—2013	Standard for Ducted Heat Recovery Ventilators	514.1
1815—2012	Standard for Nonducted Heat Recovery	514.1
1820—04	Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics— with revisions through May 2013	602.2.1.3
1887—04	Fire Tests of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics— with revisions through May 2013	602.2.1.2
1978—2010	Grease Ducts	506.3.2, 506.3.6
1995—2011	Heating and Cooling Equipment	908.1, 911.1, 918.1, 918.2, 1101.2
1996—2009	Electric Duct Heaters—with revisions through November 2011	911.1
2024—2011	Standard for Safety Optical-Fiber and Communications Cable Raceway— with revisions through April 2011	602.2.1.1
2043—2008	Fire Test for Heat and Visible Smoke Release for Discrete Products and their Accessories Installed in Air-handling Spaces	602.2.1.4.2
2158—97	Electric Clothes Dryers—with revisions through March 2009	913.1
2158A—2010	Outline of Investigation for Clothes Dryer Transition Duct	504.8.3
2162—01	Outline of Investigation for Commercial Wood-fired Baking Ovens-Refractory Type	917.1
2200—2012	Stationery Engine Generator Assemblies—with revisions through June 2013	915.1
2221—2010	Tests of Fire Resistive Grease Duct Enclosure Assemblies	506.3.11.3
2518—05	Air Dispersion System Materials	603.17
2523—09	Solid Fuel-fired Hydronic Heating Appliances—with revisions through February 2013	1002.1, 1004.1