

## Part VI—Referenced Standards

### CHAPTER 80

## 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 102.7.

**AASHTO** American Association of State Highway and Transportation Officials  
444 North Capitol Street, Northwest, #249  
Washington, DC 20001

Standard reference number	Title	Referenced in code section number
HB-17—2002	Specification for Highway Bridges, 17th Edition 2002 . . . . .	503.2.6

**AFSI** Architectural Fabric Structures Institute  
c/o Industrial Fabric Association International  
1801 County Road B West  
Roseville, MN 55113

Standard reference number	Title	Referenced in code section number
ASI—77	Design and Standard Manual . . . . .	3103.10.2

**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 E1.21—2006	Entertainment Technology: Temporary Ground Supported Overhead Structures Used to Cover the Stage Areas and Support Equipment in the Production of Outdoor Entertainment Events . . . . .	3105.1
ANSI Z21.69/ CSA 6.16—09	Connectors for Movable Gas Appliances . . . . .	.609.4

**API** American Petroleum Institute  
1220 L Street, Northwest  
Washington, DC 20005

Standard reference number	Title	Referenced in code section number
Spec 12P—3 <sup>rd</sup> Edition (Reaffirmed 2008)	Specification for Fiberglass Reinforced Plastic Tanks . . . . .	5704.2.13.1.5
RP 651 3 <sup>rd</sup> Edition (2007)	Cathodic Protection of Aboveground Petroleum Storage Tanks . . . . .	5706.7, 5706.7.1
Std 653—4 <sup>th</sup> Edition (2009)	Tank Inspection, Repair, Alteration and Reconstruction . . . . .	5706.7

**REFERENCED STANDARDS**

**API—continued**

RP 752—3 <sup>rd</sup> Edition (2009)	Management of Hazards Associated with Location of Process Plant Buildings, CMA Managers Guide . . . . . 5706.7
RP 1604—3 <sup>rd</sup> Edition (1996 R2010)	Closure of Underground Petroleum Storage Tanks . . . . . 5704.2.13
RP 1615—(1996) 6 <sup>th</sup> Edition (2011)	Installation of Underground-petroleum Storage Systems . . . . . 5704.2.13.1.5, 5706.7
Std 2000—6 <sup>th</sup> Edition (2009)	Venting Atmosphere and Low-pressure Storage Tanks: Nonrefrigerated and Refrigerated . . . . . 5704.2.7.3.2
RP 2001—9 <sup>th</sup> Edition (2012)	Fire Protection in Refineries, 8th Edition . . . . . 5706.7
RP 2003— 7 <sup>th</sup> Edition (2008)	Protection Against Ignitions Arising out of Static, Lightning and Stray Currents . . . . . 5706.7
Publ 2009 7 <sup>th</sup> Edition— (2002, R2012)	Safe Welding and Cutting Practices in Refineries, Gas Plants and Petrochemical Plants . . . . . 5706.7
Std 2015—6 <sup>th</sup> Edition 2001 (R2006)	Safe Entry and Clearing of Petroleum Storage Tanks . . . . . 5706.7, 5706.7.2
RP 2023 3 <sup>rd</sup> Edition— (2001, R2006)	Guide for Safe Storage and Handling of Heated Petroleum-derived Asphalt Products and Crude-oil Residue . . . . . 5706.7, 5706.7.3
Publ 2028 3 <sup>rd</sup> Edition— (2002, R2012)	Flame Arrestors in Piping Systems . . . . . 5704.2.7.3.2
Publ 2201 5 <sup>th</sup> Edition— (2003, R2010)	Procedures for Welding or Hot Tapping on Equipment in Service . . . . . 5706.7
RP 2350—4 <sup>th</sup> Edition (2012)	Overfill Protection for Storage Tanks in Petroleum Facilities, 3rd Edition . . . . . 5704.2.7.5.8, 5706.4.6, 5706.7

**ASCE/SEI** American Society of Civil Engineers  
Structural Engineering Institute  
1801 Alexander Bell Drive  
Reston, VA 20191

Standard reference number	Title	Referenced in code section number
ASCE/SEI 24—13	Flood Resistant Design and Construction . . . . .	.604.1.7

**ASHRAE** American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.  
1791 Tullie Circle, NE  
Atlanta, GA 30329

Standard reference number	Title	Referenced in code section number
15—2013	Safety Standard for Refrigeration Systems . . . . .	.606.12.1

**ASME** The American Society of Mechanical Engineers  
Two Park Avenue  
New York, NY 10016-5990

Standard reference number	Title	Referenced in code section number
A13.1—2007	Scheme for the Identification of Piping Systems . . . . .	.3509.3, 5003.2.2.1, 5303.4.3, 5503.4.5, 5703.5.2
ASME A17.1/CSA B44—2013	Safety Code for Elevators and Escalators . . . . .	.508.1.6, 607.1, 907.3.3, 1009.4
A17.3—2008	Safety Code for Existing Elevators and Escalators . . . . .	.1103.3.1, 1103.3.2
B16.18—2012	Cast Copper-Alloy Solder Joint Pressure Fittings . . . . .	.909.13.1
B16.22—2001 (R2010)	Wrought Copper and Copper-Alloy Solder-joint Pressure Fittings . . . . .	.909.13.1
B31.1—2012	Power Piping . . . . .	5003.2.2, Table 5703.6.2
B31.3—2012	Process Piping . . . . .	5003.2.2.2, Table 5703.6.2

ASME—continued

B31.4—2012	Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids. . . . .	Table 5703.6.2
B31.9—2011	Building Services Piping . . . . .	Table 5703.6.2, 5703.6.3, 5703.6.11
BPVC—		
2010/2011 addenda	ASME Boiler and Pressure Vessel Code (Sections I, II, IV, V & VI, VIII) . . . . .	5003.2.1, 5303.2, 5303.3.2, 5503.2.6, 5503.4.3, 5503.7, 5704.2.13.1.5, 5806.3.1, 5806.4.1, 5806.4.8

# 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 . . . . .	1015.6, 1015.7

# ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

Standard reference number	Title	Referenced in code section number
B42—10	Specification for Seamless Copper Pipe, Standard Sizes. . . . .	909.13.1
B43—09	Specification for Seamless Red Brass Pipe, Standard Sizes . . . . .	909.13.1
B68—11	Specification for Seamless Copper Tube, Bright Annealed. . . . .	909.13.1
B88—09	Specification for Seamless Copper Water Tube . . . . .	909.13.1
B251—10	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube . . . . .	909.13.1
B280—08	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service . . . . .	909.13.1
D56—05(2010)	Test Method for Flash Point by Tag Closed Tester . . . . .	202
D86—2012	Test Method for Distillation of Petroleum Products at Atmospheric Pressure . . . . .	202
D92—12b	Test Method for Flash and Fire Points by Cleveland Open Cup . . . . .	202, 2401.2, 5104.1.1, 5701.2
D93—12	Test Method for Flash Point by Pensky-Martens Closed Up Tester . . . . .	202
D323—08	Test Method for Vapor Pressure of Petroleum Products (Reid Method). . . . .	202
D2859—06(2011)	Standard Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials . . . . .	804.3.3.1, 804.3.3.2
D3278—96(2011)	Test Methods for Flash Point of Liquids by Small Scale Closed-cup Apparatus . . . . .	202
E84—2013A	Test Method for Surface Burning Characteristics of Building Materials . . . . .	202, 803.1, 803.1.1, 803.1.2, 803.5.1, 803.5.2, 803.6, 803.7, 803.10, 804.1, 804.1.1, 804.2.4
E108—2011	Test Methods for Fire Tests of Roof Coverings. . . . .	317.3
E681—2009	Test Method for Concentration Limits of Flammability of Chemicals (Vapors and Gases). . . . .	202
E1354—2013	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter . . . . .	304.3.2, 304.3.4, 318.1, 808.1, 808.2, 2310.5.3, 3304.2.3, 3603.4
E1529—13	Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies . . . . .	5704.2.9.2.3
E1537—13	Test Method for Fire Testing of Upholstered Furniture. . . . .	805.1.1.2, 805.2.1.2, 805.3.1.2, 805.4.1.2
E1590—13	Test Method for Fire Testing of Mattresses. . . . .	805.1.2.2, 805.2.2.2, 805.3.2.2.1, 805.4.2.2
E1966—2012A	Test Method for Fire-resistant Joint Systems. . . . .	202
E2072—10	Standard Specification for Pholuminescent (Phosphorescent) Safety Markings. . . . .	1025.4
E2404—2013E1	Standard Practice for Specimen Preparation and Mounting of Textile, Paper or Vinyl Wall or Ceiling Coverings to Assess Surface Burning Characteristics. . . . .	803.5.2, 803.6, 803.7
E2573—12	Standard Practice for Specimen Preparation and Mounting of Site-fabricated Stretch Systems to Assess Surface Burning Characteristics . . . . .	803.10
F1085—10	Standard Specification for Mattress and Box Springs for Use in Berths in Marine Vessels . . . . .	805.3.2.2.2
F2006—10	Standard/Safety Specification for Window Fall Prevention Devices for Non-Emergency Escape (Egress) and Rescue (Ingress) Windows . . . . .	1015.8

**REFERENCED STANDARDS**

**ASTM—continued**

F2090—10	Specification for Window Fall Prevention Devices with Emergency Escape (Egress) Release Mechanisms . . . . .	1015.8, 1015.8.1
F2200—13	Standard Specification for Automated Vehicular Gate Construction. . . . .	503.5, 503.6

**BHMA**

Builders Hardware Manufacturers' Association  
355 Lexington Avenue, 15th Floor  
New York, NY 10017

Standard reference number	Title	Referenced in code section number
A156.10—2011	American National Standard for Power-operated Pedestrian Doors . . . . .	1010.1.4.2
A156.19—2013	American National Standard for Power Assist and Low-energy Power-operated Doors. . . . .	1010.1.4.2
A156.27—2011	Power and Manual Operated Revolving Pedestrian Doors. . . . .	1010.1.4.1, 1010.1.4.3.1

**CA**

State of California Department of Consumer Affairs  
Bureau of Electronics and Appliance Repair, Home Furnishings and Thermal Insulation  
4244 South Market Court, Suite D  
Sacramento, CA 95834-1243

Standard reference number	Title	Referenced in code section number
California Technical Bulletin 129—1992	Flammability Test Procedure for Mattresses for Use in Public Buildings . . . . .	805.1.1.2, 805.2.2.2, 805.3.2.2.1, 805.4.2.2
California Technical Bulletin 133—1991	Flammability Test Procedure for Seating Furniture for Use in Public Occupancies . . . . .	805.1.1.2, 805.2.1.2, 805.4.1.2

**CGA**

Compressed Gas Association  
14501 George Carter Way, Suite 103  
Chantilly, VA 20151

Standard reference number	Title	Referenced in code section number
C-7—(2011)	Guide to the Preparation of Precautionary Labeling and Marking of Compressed Gas Containers . . . . .	5303.4.2, 5503.4.2
G-13—(2006)	Storage and Handling of Silane and Silane Mixtures (an American National Standard) . . . . .	6404.1, 6404.2, 6405.3
P-1—(2000)	Safe Handling of Compressed Gases in Containers . . . . .	5305.7
ANSI/P-18—(2006)	Standard for Bulk Inert Gas Systems . . . . .	5501.1
S-1.1—(2011)	Relief Device Standards—Part 1—Cylinders for Compressed Gases . . . . .	5303.3.2, 5503.2
S-1.2—(2005)	Pressure Relief Device Standards—Part 2—Cargo and Portable Tanks for Compressed Gases . . . . .	5303.3.2, 5503.2
S-1.3—(2008)	Pressure Relief Device Standards—Part 3—Stationary Storage Containers for Compressed Gases . . . . .	5303.3.2, 5503.2
V-1—(2005)	Standard for Gas Cylinder Valve Outlet and Inlet Connections. . . . .	3505.2.1

# CGR

Coast Guard Regulations  
 c/o Superintendent of Documents  
 U.S. Government Printing Office  
 Washington, DC 20402-9325

Standard reference number	Title	Referenced in code section number
46 CFR Parts 30, 32, 35 & 39—1999	Shipping . . . . .	5706.8

# CPSC

Consumer Product Safety Commission  
 4330 East West Highway  
 Bethesda, MD 20814

Standard reference number	Title	Referenced in code section number
16 CFR Part 1500.41—2009	Method for Testing Primary Irritant Substances . . . . .	202
16 CFR Part 1500.42—2009	Test for Eye Irritants . . . . .	202
16 CFR Part 1500.44—2009	Method for Testing Extremely Flammable and Flammable Solids . . . . .	202
16 CFR Part 1500—2009	Hazardous Substances and Articles; Administration and Enforcement Regulations. . . . .	202, 5601.1.3
16 CFR Part 1507—2002	Fireworks Devices . . . . .	5601.1.3
16 CFR Part 1630—2007	Standard for the Surface Flammability of Carpets and Rugs. . . . .	804.3.3.1, 804.3.3.2

# DOC

U.S. Department of Commerce  
 1401 Constitution Avenue, NW  
 Washington, DC 20230

Standard reference number	Title	Referenced in code section number
16 CFR Part 1632—2009	Standard for the Flammability of Mattress and Mattress Pads (FF 4-72, Amended). . . . .	805.1.2.1, 805.2.2.1, 805.3.2.1, 805.4.2.1

# DOL

U.S. Department of Labor  
 c/o Superintendent of Documents  
 U.S. Government Printing Office  
 Washington, DC 20402-9325

Standard reference number	Title	Referenced in code section number
29 CFR Part 1910.1000—2009	Air Contaminants . . . . .	202, 2104.2.1
29 CFR Part 1910.1200—2009	Hazard Communication . . . . .	202, 5603.6

**REFERENCED STANDARDS**

**DOTn**

U.S. Department of Transportation  
Office of Hazardous Material Safety  
1200 New Jersey Avenue, SE  
East Building, 2nd Floor  
Washington, DC 20590

Standard reference number	Title	Referenced in code section number
33 CFR Part 154—1998	Facilities Transferring Oil or Hazardous Material in Bulk . . . . .	5706.8
33 CFR Part 155—1998	Oil or Hazardous Material Pollution Prevention Regulations for Vessels . . . . .	5706.8
33 CFR Part 156 —1998	Oil and Hazardous Material Transfer Operations . . . . .	5706.8
49 CFR Parts 100-185—2005	Hazardous Materials Regulations . . . . .	202, 3505.4, 5303.2, 5503.4.3, 5503.7, 5601.1, 5601.1.3, 5601.3, 5706.5.1.15
49 CFR Part 172—2009	Hazardous Materials Tables, Special Provisions, Hazardous Materials Communications, Emergency Response Information and Training Requirements . . . . .	5604.6.5.2
49 CFR Part 173—2009	Shippers—General Requirements for Shipments and Packagings . . . . .	5104.1.1, 5606.3
49 CFR Part 173.137—2009	Shippers—General Requirements for Shipments and Packagings: Class 8—Assignment of Packing Group . . . . .	202

**DOTy**

U.S. Department of Treasury  
c/o Superintendent of Documents  
U.S. Government Printing Office  
Washington, DC 20402-9325

Standard reference number	Title	Referenced in code section number
27 CFR Part 55—1998	Commerce in Explosives, as amended through April 1, 1998 . . . . .	202, 5604.6.5.2

**EN**

European Committee for Standardization (EN)  
Central Secretariat  
Rue de Stassart 36  
B-10 50 Brussels

Standard reference number	Title	Referenced in code section number
European Standard EN 1081	1998 Resilient Floor Coverings—Determination of the Electrical Resistance. . . . .	2309.5.1.1

**FCC**

Federal Communications Commission  
Wireless Telecommunications Bureau (WTB)  
445 12th Street, SW  
Washington, DC 20554

Standard reference number	Title	Referenced in code section number
47 CFR Part 90.219—2007	Private Land Mobile Radio Services—Use of Signal Boosters . . . . .	510.5.4



Factory Mutual Global Research  
Standards Laboratories Department  
1301 Atwood Avenue, P.O. Box 7500  
Johnston, RI 02919

Standard reference number	Title	Referenced in code section number
4430—12	Approval Standard for Heat and Smoke Vents . . . . .	910.3.1
ANSI/FM 4996—13	Approval Standard for Classification of Pallets and Other Material Handling Products as Equivalent to Wood Pallets . . . . .	3206.4.1.1



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

Standard reference number	Title	Referenced in code section number
ICC A117.1—09	Accessible and Usable Buildings and Facilities. . . . .	907.5.2.3.3, 1009.9, 1009.11, 1010.14.9.7, 1012.1, 1012.6.5, 1012.10, 1013.4, 1023.9
ICC 300—12	Standard on Bleachers, Folding and Telescopic Seating and Grandstands . . . . .	1029.1.1, 1029.16
IBC—15	International Building Code® . . . . .	102.3, 102.4, 201.3, 202, 304.1.3, 306.1, 311.1.1, 311.3, 313.1, 317.1, 403.8.2, 403.11.4, 404.2.1, 504.1, 508.1, 508.1.2, 603.2, 603.5.2, 603.6.1, 603.8, 604.1.2, 604.1.7, 604.2.2, 604.2.6, 604.2.7, 604.2.9, 604.2.13, 604.2.16, 605.11, 607.3, 607.4, 607.5, 607.6, 608.4, 608.8, 701.1, 704.1, 801.1, 803.1, Table 803.3, 803.7.2, 803.8.1, 803.8.2, 807.3, 807.5.1.2, 808.1, 808.2, 901.4.1, 901.4.2, 901.4.3, 901.8.2, 903.2, 903.2.5.2, 903.2.8.3.2, 903.2.9.1, 903.2.10, 903.3.1.1.1, 903.3.1.2, 903.3.2, 904.13, 907.1.1, 907.2.1, 907.2.1.9, 907.2.6.2, 907.2.6.3.3, 907.2.7, 907.2.13, 907.2.18, 907.2.21, 907.5.2.1, 907.5.2.2.4, 907.6.6, 909.1, 909.2, 909.3, 909.4.3, 909.5, 909.5.3, 909.5.3.1, 909.5.3.2, 909.6.3, 909.10.5, 909.11.1, 909.18.8, 909.21.1, 910.4.5, Table 911.1, 911.2, 914.1, 914.2.1, 914.3.1, 914.3.2, 914.4.1, 914.5.3, Table 914.8.3, 914.8.3.2, 914.10, 915.1.6, 1003.2, 1003.5, Table 1004.1.2, 1004.4, 1005.7.2, 1006.2.1, 1009.2, 1009.4, 1009.5, 1009.6.4, 1010.1.4.1, 1010.1.4.3, 1010.1.5, 1010.1.7, 1010.1.9.1, 1010.1.9.11, 1011.10, 1011.11, 1011.12.2, 1012.6.3, 1012.6.4, 1014.1, 1015.2, 1015.2.1, 1016.2, 1018.3, 1018.5, 1019.3, 1019.4, 1020.1, Table 1020.1, 1021.4, 1023.2, 1023.3.1, 1023.4, 1023.5, 1023.6, 1023.7, 1023.11.1, 1023.11.2, 1024.3, 1024.4, 1024.5, 1024.6, 1024.7, 1026.2, 1026.3, 1027.5, 1028.1.6, 1029.1.1.1, 1101.2, 1101.3, 1103.1, 1103.3.2, 1103.4.1, 1103.4.8, 1103.4.9.1, 1103.4.9.2.1, 1103.4.9.2.2, 1103.4.9.4, 1103.4.9.5, 1103.4.10, 1104.5, 1104.17, 1104.17.1, Table 1104.17.2, 1105.3.1, 1105.3.3.1, 1105.3.3.2, 1105.4.7, 1105.6.2, 1105.6.3, 1105.6.4, 1105.6.5, 1105.6.6, 1105.6.7, 1105.7, 2004.6, 2006.17, 2007.1, 2007.4, 2103.3, 2107.1, 2301.1, 2301.4, 2303.1, 2307.4, 2308.3, 2308.3.1, 2308.3.1.2, 2309.3.1.5.1, 2309.3.2, 2309.6.1.2.3, 2310.1, 2311.1, 2311.3.1, 2311.4.1, 2404.2, 2404.3.1, 2404.3.2.6, 2404.3.3, 2405.2, 2701.1, 2701.4, 2703.2.2, 2703.3.1, 2703.3.2, 2703.3.3, 2703.3.4, 2703.3.8, 2703.14, 2703.14.1, 2703.14.2, 2703.15.1, 2704.3.1, 2705.2.3.2, 2705.3.1, 2705.3.2.1, 2705.3.3, 2803.1, 2905.1, 2909.2, 2909.4, 2909.6, 3101.1, 3103.1, 3103.8.2, 3103.8.4, 3103.9.1, 3104.1, 3105.5, 3314.1, 3403.1, 3704.3, 3704.4, 3704.5, 5003.2.2.2, 5003.2.8, 5003.8.1, Table 5003.8.2, 5003.8.3.1, 5003.8.4.1, 5003.9.9, 5004.13, 5005.2, 5005.3.9, 5101.1, 5303.16.1, 5303.16.2, 5306.2, 5306.2.1, 5503.1.2, 5503.5.2, 5504.2.1.2, 5504.2.2.2, 5505.4.1, 5604.2, Table 5604.5.2(3), 5605.5, 5701.3, 5704.2.7.7, 5704.2.8.1, 5704.2.8.2, 5704.2.9.3, 5704.2.9.4, 5704.3.3.5, 5704.3.7.1, 5704.3.8, 5705.3.4, 5705.3.5.3, 5705.3.7.1, 5705.3.7.2, 5705.3.7.3, 5705.3.7.4, 5705.3.7.5.1, 5706.2.3, 5706.4.1, 5803.1.1, 5806.4.3, 5808.1, 5808.3, 5808.3.2, 5906.2.2, 5906.2.3, 5906.4.2, 6003.1.4.2, 6005.3.1, 6109.11.2, 6204.1.2, 6306.4, 6404.1.4, 6604.1
IEBC—15	International Existing Building Code® . . . . .	1011.5.2, 1103.1
IFGC—15	International Fuel Gas Code® . . . . .	201.3, 603.1, 603.1.2, 603.5.2, 603.8, 2301.1, 2301.6, 2309.3.1.2, 2309.3.1.5, 2504.5, 3001.1, 3003.1, 3004.1, 3004.2, 3104.15.1, 3104.15.2, 3104.16.1, 3303.1, 3303.3, 3306.2.1, Table 5003.1.1(1), 5301.1, 5801.1, 5803.1.4, 6103.1, 6103.2.1.7, 6103.3

**REFERENCED STANDARDS**

**ICC—continued**

IMC—15	International Mechanical Code® . . . . .	201.3, 202, 308.3, 603.1, 603.1.2, 603.2, 603.3, 603.3.2.4, 603.5.2, 603.8, 606.1, 606.2, 606.3, 606.4, 606.7, 606.8, 606.9, 606.16, 608.6.1, 609.1, 903.2.11.4, 904.12, 907.3.1, 909.1, 909.10.2, 909.13.1, 910.4.7, 1006.2.2.3, 1011.16, 1020.5.1, 2104.2.1, 2105.3, 2301.1, 2301.6, 2309.3.1.2, 2309.3.2.3, 2311.3.1, 2311.4.3, 2311.7.1, 2404.7, 2404.7.2, 2504.5, 2703.2.2, 2703.10.4, 2703.14, 2803.2, 2803.3, 3001.1, 3003.1, 3004.2, 3104.15.1, 3104.15.2, 3303.1, 3703.5, Table 5003.1.1(1), 5003.8.4.2, 5003.8.5.2, 5003.8.6.2, 5004.3.1, 5303.7.6, 5303.16.9, 5305.5, 5306.2.2, 5307.5.1, 5504.2.1.3, 5504.2.2.3, 5505.4.1.1, 5701.3, 5703.6.1, 5704.2.8.9, 5705.3.7.5.1, 5706.2, 5706.4.4, 6003.1.3, 6003.2.3.2, 6004.2.2.7, 6005.3.1, 6005.3.2, 6103.2.1.7
IPC—15	International Plumbing Code® . . . . .	201.3, 903.3.5, 904.11.1.3, 912.6, 2311.2.3, 5004.2.2.6
IPMC—15	International Property Maintenance Code® . . . . .	311.1.1
IRC—15	International Residential Code® . . . . .	102.5, 202, 605.11, 605.11.1.2, 1001.1
IWUIC—15	International Wildland-Urban Interface Code® . . . . .	304.1.2

**IIAR**

International Institute of Ammonia Refrigeration  
1001 N. Fairfax Street, Suite 503  
Alexandria, VA 22314

Standard reference number	Title	Referenced in code section number
IIAR-2—2014	Equipment, Design and Installation of Closed-Circuit Ammonia Mechanical Refrigerating Systems . . . . .	606.12.1.1
IIAR-7—2013	Developing Operating Procedures for Closed-Circuit Ammonia Mechanical Refrigerating Systems . . . . .	606.12.1.1

**IKECA**

International Kitchen Exhaust Cleaning Association  
100 North 20th Street, Suite 400  
Philadelphia, PA 19103

Standard reference number	Title	Referenced in code section number
C10—2011 ANSI/IKECA	Standard for Cleaning of Commercial Kitchen Exhaust Systems . . . . .	609.3.3.2

**ISO**

International Organization for Standardization (ISO)  
ISO Central Secretariat  
1 ch, de la Voie-Creuse, Case postale 56  
CH-1211 Geneva 20, Switzerland

Standard reference number	Title	Referenced in code section number
ISO 8115—86	Cotton Bales—Dimensions and Density. . . . .	Table 2704.2.2.1, Table 5003.1.1(1)
ISO FRS—12	Fire Ratings Schedule—2012 . . . . .	507.3

**NEMA**

National Electrical Manufacturer’s Association  
1300 N. 17th Street, Suite 1752  
Rosslyn, VA 22209

Standard reference number	Title	Referenced in code section number
250—2003	Enclosures for Electrical Equipment (1,000 Volt Maximum) . . . . .	6005.2





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

Standard reference number	Title	Referenced in code section number
02—11	Hydrogen Technologies Code . . . . .	2309.3.1.1, 2309.3.1.2, 5301.1, 5307.3, 5801.1
10—13	Standard for Portable Fire Extinguishers . . . . .	Table 901.6.1, 906.2, 906.3, Table 906.3(1), Table 906.3(2), 906.3.2, 906.3.4, 3006.3, 1101.1
11—10	Standard for Low-, Medium- and High-expansion Foam . . . . .	904.7, 5704.2.9.2.2
12—11	Standard on Carbon Dioxide Extinguishing Systems . . . . .	Table 901.6.1, 904.8, 904.12
12A—09	Standard on Halon 1301 Fire Extinguishing Systems . . . . .	Table 901.6.1, 904.9
13—13	Standard for the Installation of Sprinkler Systems . . . . .	903.3.1.1, 903.3.2, 903.3.8.2 903.3.8.5, 904.12, 905.3.4, 907.6.4, 914.3.2, 1019.3, 1103.4.8, 3201.1, 3204.2, Table 3206.2, 3206.4.1, 3206.9, 3207.2, 3207.2.1, 3208.2.2, 3208.2.2.1, 3208.4, 3210.1, 3401.1, 5104.1, 5104.1.1, 5106.5.7, 5704.3.3.9, Table 5704.3.6.3(7), 5704.3.7.5.1, 5704.3.8.4
13D—13	Standard for the Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes. . . . .	903.3.1.3
13R—13	Standard for the Installation of Sprinkler Systems in Low Rise Residential Occupancies . . . . .	903.3.1.2, 903.3.5.2, 903.4
14—13	Standard for the Installation of Standpipe and Hose Systems . . . . .	905.2, 905.3.4, 905.4.2, 905.6.2, 905.8
15—12	Standard for Water Spray Fixed Systems for Fire Protection . . . . .	5704.2.9.2.3
16—15	Standard for the Installation of Foam-water Sprinkler and Foam-water Spray Systems. . . . .	904.7, 904.12
17—13	Standard for Dry Chemical Extinguishing Systems. . . . .	Table 901.6.1, 904.6, 904.12
17A—13	Standard for Wet Chemical Extinguishing Systems . . . . .	Table 901.6.1, 904.5, 904.12
20—13	Standard for the Installation of Stationary Pumps for Fire Protection. . . . .	913.1, 913.2, 913.5.1
22—13	Standard for Water Tanks for Private Fire Protection . . . . .	507.2.2
24—13	Standard for Installation of Private Fire Service Mains and Their Appurtenances . . . . .	507.2.1, 2809.5
25—14	Standard for the Inspection, Testing and Maintenance of Water-based Fire Protection Systems . . . . .	507.5.3, Table 901.6.1, 904.7.1, 912.7, 913.5
30—12	Flammable and Combustible Liquids Code. . . . .	610.1, 5701.2, 5703.6.2, 5703.6.2.1, 5704.2.7, 5704.2.7.1, 5704.2.7.2, 5704.2.7.3.2, 5704.2.7.4, 5704.2.7.6, 5704.2.7.7, 5704.2.7.8, 5704.2.7.9, 5704.2.9.3, 5704.2.9.4, 5704.2.9.6.1.1, 5704.2.9.6.1.2, 5704.2.9.6.1.3, 5704.2.9.6.1.4, 5704.2.9.6.1.5, 5704.2.9.6.2, 5704.2.9.7.3, 5704.2.10.2, 5704.2.11.3, 5704.2.11.4.2, 5704.2.12.1, 5704.3.1, 5704.3.6, Table 5704.3.6.3(1), Table 5704.3.6.3(2), Table 5704.3.6.3(3), 5704.3.7.2.3, 5704.3.8.4, 5706.8.3
30A—15	Code for Motor Fuel-dispensing Facilities and Repair Garages . . . . .	2301.4, 2301.5, 2301.6, 2306.6.3, 2310.1
30B—15	Code for the Manufacture and Storage of Aerosol Products . . . . .	5101.1, 5103.1, 5104.1, Table 5104.3.1, Table 5104.3.2, Table 5104.3.2.2, 5104.4.1, 5104.5.2, 5104.6, 5106.2.3, 5106.3.2, Table 5106.4, 5106.5.1, 5106.5.6, 5107.1
31—11	Standard for the Installation of Oil-burning Equipment . . . . .	603.1.7, 603.3.1, 603.3.3
32—11	Standard for Dry Cleaning Plants . . . . .	2107.1, 2107.3
33—11	Standard for Spray Application Using Flammable or Combustible Materials . . . . .	2404.3.2
34—15	Standard for Dipping, Coating and Printing Processes Using Flammable or Combustible Liquids . . . . .	2405.3, 2405.4.1.1
35—11	Standard for the Manufacture of Organic Coatings . . . . .	2901.3, 2905.4
40—11	Standard for the Storage and Handling of Cellulose Nitrate Film . . . . .	306.2
51—13	Standard for the Design and Installation of Oxygen-fuel Gas Systems for Welding, Cutting and Allied Processes . . . . .	3501.5, 3507.1, 3509.1
51A—12	Standard for Acetylene Cylinder Charging Plants . . . . .	3508.1
52—13	Vehicular Gaseous Fuel System Code . . . . .	5301.1
55—13	Compressed Gases and Cryogenic Fluids Code. . . . .	2309.2.1, 5301.1, 5307.3, 5501.1, 5801.1, 6301.1
56—12	Standard for Fire and Explosion Prevention during Cleaning and Purging of Flammable Gas Piping Systems. . . . .	3306.2.1
58—14	Liquefied Petroleum Gas Code . . . . .	603.4.2.1.1, 6101.1, 6103.1, 6103.2.1, 6103.2.1.2, 6103.2.1.7, 6103.2.2, 6104.1, 6104.3.2, 6104.4, 6105.2, 6106.2, 6106.3, 6107.2, 6107.4, 6108.1, 6108.2, 6109.11.2, 6111.3
59A—13	Standard for the Production, Storage and Handling of Liquefied Natural Gas (LNG) . . . . .	5301.1, 5501.1

**REFERENCED STANDARDS**

**NFPA—continued**

61—13	Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities . . . . .	Table 2204.1
69—14	Standard on Explosion Prevention Systems . . . . .	911.1, 911.3, Table 2204.1
70—14	National Electrical Code . . . . .	603.1.3, 603.1.7, 603.5.2, 604.1.2, 605.3, 605.4, 605.9, 605.11, 606.16, 610.6, 610.7, 904.3.1, 907.6.1, 909.12.2, 909.16.3, 910.4.6, 2006.3.4, 2104.2.3, 2108.2, Table 2204.1, 2301.5, 2305.4, 2308.8.1.2.4, 2309.2.3, 2309.6.1.2.4, 2311.3.1, 2403.2.1, 2403.2.1.1, 2403.2.1.4, 2403.2.5, 2404.6.1.2.2, 2404.9.4, 2504.5, 2603.2.1, 2606.4, 2703.7.1, 2703.7.2, 2703.7.3, 2803.4, 2904.1, 3103.12.6.1, 3104.15.7, 3304.7, 3506.4, 5003.7.3, 5003.8.7.1, 5003.9.4, 5303.7.6, 5303.8, 5303.16.11, 5303.16.14, 5503.6, 5503.6.2, 5703.1, Table 5703.1.1, 5703.1.3, 5704.2.8.12, 5704.2.8.17, 5706.2.8, 5803.1.5, 5803.1.5.1, 5807.1.10, 5906.5.5, 5906.5.6, 6109.15.1
72—13	National Fire Alarm and Signaling Code . . . . .	508.1.6, 604.2.4, Table 901.6.1, 903.4.1, 904.3.5, 907.2, 907.2.6, 907.2.9.3, 907.2.11, 907.2.13.2, 907.3, 907.3.3, 907.3.4, 907.5.2.1.2, 907.5.2.2, 907.5.2.2.5, 907.6, 907.6.1, 907.6.2, 907.6.6, 907.7, 907.7.1, 907.7.2, 907.8, 907.8.2, 907.8.5, 1103.3.2
80—13	Standard for Fire Doors and Other Opening Protectives . . . . .	703.1.3, 1010.1.4.3
85—15	Boiler and Combustion System Hazards Code . . . . .	Table 2204.1
86—15	Standard for Ovens and Furnaces . . . . .	3001.1
92—15	Standard for Smoke Control Systems . . . . .	909.7, 909.8
99—15	Health Care Facilities Code . . . . .	611.1, 1105.5.2, 1105.10.1, 1105.10.2, 5306.4, 5306.5
101—15	Life Safety Code . . . . .	1029.6.2
105—13	Standard for Smoke Door Assemblies and Other Opening Protectives . . . . .	703.1.2
110—13	Standard for Emergency and Standby Power Systems . . . . .	604.1.2, 604.4, 604.5, 913.5.2, 913.5.3
111—13	Standard on Stored Electrical Energy Emergency and Standby Power Systems . . . . .	604.1.2, 604.4, 604.5
120—15	Standard for Fire Prevention and Control in Coal Mines . . . . .	Table 2204.1
160—11	Standard for the Use of Flame Effects Before an Audience . . . . .	308.3.2
170—15	Standard for Fire Safety and Emergency Symbols . . . . .	1025.2.6.1
204—15	Standard for Smoke and Heat Venting . . . . .	Table 901.6.1, 910.5.1
211—13	Standard for Chimneys, Fireplaces, Vents and Solid Fuel-burning Appliances . . . . .	603.2
241—13	Standard for Safeguarding Construction, Alteration and Demolition Operations . . . . .	3301.1
253—15	Standard Method of Test for Critical Radiant Flux of Floor Covering Systems Using a Radiant Heat Energy Source . . . . .	804.3.1, 804.3.2, 804.4
260—13	Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture . . . . .	805.1.1.1, 805.2.1.1, 805.3.1.1, 805.4.1.1
261—13	Standard Method of Test for Determining Resistance of Mock-up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes . . . . .	805.2.1.1, 805.3.1.1, 805.4.1.1
265—11	Standard Methods of Fire Tests for Evaluating Room Fire Growth Contribution of Textile Wall Coverings in Full Height Panels and Walls . . . . .	803.5.1, 803.5.1.1, 803.5.1.2, 803.5.2, 803.6
286—15	Standard Methods of Fire Tests for Evaluating Contribution of Wall and Ceiling Interior Finish to Room Fire Growth . . . . .	803.1, 803.1.2, 803.1.2.1, 803.5.1, 803.5.2, 803.6, 803.7
289—13	Standard Method of Fire Test for Individual Fuel Packages . . . . .	806.2, 807.4, 807.5.1.1, 808.3
303—11	Fire Protection Standard for Marinas and Boatyards . . . . .	905.3.7, 3603.5, 3603.6, 3604.2
318—15	Standard for the Protection of Semiconductor Fabrication Facilities . . . . .	2703.16
326—10	Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair . . . . .	3510.1
385—12	Standard for Tank Vehicles for Flammable and Combustible Liquids . . . . .	5706.5.4.5, 5706.6, 5706.6.1
400—13	Hazardous Materials Code . . . . .	5601.1.5, 6304.1.2, Table 6304.1.5(1), Table 6304.1.5(2)
407—12	Standard for Aircraft Fuel Servicing . . . . .	2006.2, 2006.3
409—11	Standard for Aircraft Hangars . . . . .	914.8.3, Table 914.8.3, 914.8.3.1, 914.8.6
410—10	Standard on Aircraft Maintenance . . . . .	2004.7
484—15	Standard for Combustible Metals . . . . .	Table 2204.1
495—13	Explosive Materials Code . . . . .	202, 911.1, 911.4, 5601.1.1, 5601.1.5, 5604.2, 5604.6.2, 5604.6.3, 5604.7.1, 5605.1, 5606.1, 5606.5.2.1, 5606.5.2.3, 5607.1, 5607.9, 5607.11, 5607.15
498—13	Standard for Safe Havens and Interchange Lots for Vehicles Transporting Explosives . . . . .	5601.1.2
505—13	Fire Safety Standard for Powered Industrial Trucks, Including Type Designations, Areas of Use, Maintenance and Operation . . . . .	5003.7.3

NFPA—continued

654—13	Standard for Prevention of Fire and Dust Explosions from the Manufacturing, Processing and Handling of Combustible Particulate Solids. . . . .	Table 2204.1
655—12	Standard for the Prevention of Sulfur Fires and Explosions . . . . .	Table 2204.1
664—12	Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities. . . . .	Table 2204.1, 2805.3
701—10	Standard Methods of Fire Tests for Flame-propagation of Textiles and Films. . . . .	806.2, 807.4, 807.5.1.2, 2603.5, 3104.2
703—15	Standard for Fire Retardant-Wood and Fire-Retardant Coatings for Building Materials . . . . .	803.4
704—12	Standard System for Identification of the Hazards of Materials for Emergency Response . . . . .	606.7, 202, 3104.2, 5003.2.2.1, 5003.2.2.2, 5003.5, 5003.10.2, 5005.1.10, 5005.2.1.1, 5005.4.4, 5503.4.1, 5704.2.3.2,
720—15	Standard for the Installation of Carbon Monoxide (CO) Detection and Warning Equipment . . . . .	915.5.1, 915.5.2, 915.6
750—15	Standard on Water Mist Fire Protection Systems . . . . .	202, Table 901.6.1, 904.11.1.1
914—10	Code for Fire Protection of Historic Structures . . . . .	1103.1.1
1122—13	Code for Model Rocketry. . . . .	5601.1.4
1123—14	Code for Fireworks Display . . . . .	202, 5604.2, 5608.1, 5608.2.2, 5608.5, 5608.6
1124—06	Code for the Manufacture, Transportation, Storage and Retail Sales of Fireworks and Pyrotechnic Articles. . . . .	202, 5601.1.3, 5604.2, 5605.1, 5605.3, 5605.4, 5605.5, 5609.1
1125—12	Code for the Manufacture of Model Rocket and High Power Rocket Motors . . . . .	5601.1.4
1126—11	Standard for the Use of Pyrotechnics Before a Proximate Audience . . . . .	5604.2, 5605.1, 5608.1, 5608.2.2, 5608.4, 5608.5
1127—13	Code for High Power Rocketry . . . . .	5601.1.4
2001—15	Standard on Clean Agent Fire Extinguishing Systems . . . . .	Table 901.6.1, 904.10



Underwriters Laboratories LLC  
333 Pfingsten Road  
Northbrook, IL 60062

Standard reference number	Title	Referenced in code section number
10C—09	Positive Pressure Fire Tests of Door Assemblies . . . . .	1010.1.10.1
30—95	Metal Safety Cans—with revisions through July 2009 . . . . .	5003.9.10, 5005.1.10, 5705.2.4
58—96	Steel Underground Tanks for Flammable and Combustible Liquids—with revisions through July 1998 . . . . .	5704.2.13.1.5
80—07	Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids—with revisions Through August 2009. . . . .	610.2
87A—12	Outline of Investigation for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent . . . . .	2306.8.1
142—06	Steel Aboveground Tanks for Flammable and Combustible Liquids—with revisions through February 12, 2010. . . . .	610.2, 2306.2.3
199E—04	Outline of Investigation for Fire Testing of Sprinklers and Water Spray Nozzles for Protection of Deep Fat Fryers. . . . .	904.12.4.1
217—06	Single and Multiple Station Smoke Alarms—with revisions through April 2012 . . . . .	907.2.11, 915.4.3
268—09	Smoke Detectors for Fire Alarm Systems . . . . .	907.2.6.2, 907.2.11.7, 915.5.3
294—1999	Access Control System Units—with revisions through September 2010 . . . . .	1010.1.9.6, 1010.1.9.8, 1010.1.9.9
300—05(R2010)	Fire Testing of Fire Extinguishing Systems for Protection of Commercial Cooking Equipment—with revisions through July 16, 2010. . . . .	904.12
300A—06	Outline of Investigation for Extinguishing System Units for Residential Range Top Cooking Surfaces . . . . .	904.13
305—2012	Panic Hardware . . . . .	1010.1.10.1
325—02	Door, Drapery, Gate, Louver and Window Operators and Systems—with revisions through June 2013 . . . . .	503.5, 503.6
499—05	Standard for Electrical Heating Appliances—with revisions through February 2013 . . . . .	610.6
710B—2011	Recirculating Systems . . . . .	609.2, 904.12
723—08	Standard for Test for Surface Burning Characteristics of Building Materials—with revisions through September 2010. . . . .	202, 803.5.1, 803.5.2, 803.6, 803.7, 803.10, 804.1, 804.2.4
790—04	Standard Test Methods for Fire Tests of Roof Coverings—with revisions through October 2008. . . . .	317.2, 317.3
793—08	Automatically Operated Roof Vents for Smoke and Heat—with revisions through September 2011. . . . .	910.3.1

**REFERENCED STANDARDS**

**UL—continued**

864—03	Control Units and Accessories for Fire Alarm Systems— with revisions through August 2012 . . . . .	909.12, 2311.7.2.1.1, 5808.5.2, 6004.2.2.10.1
900—04	Air Filter Units—with revisions through February 2012 . . . . .	2404.7.8
924—06	Standard for Safety Emergency Lighting and Power Equipment— with revisions through February 2011 . . . . .	1013.5, 3103.12.6.1
1037—99	Anti-theft Alarms and Devices—with revisions through December 2009 . . . . .	506.1
1275—05	Flammable Liquid Storage Cabinets—with revisions through February 2010 . . . . .	5003.8.7.1, 5704.3.2.1.1
1313—93	Standard for Nonmetallic Safety Cans for Petroleum Products— with revisions through November 2012 . . . . .	5003.9.10
1315—95	Standard for Safety for Metal Waste Paper Containers— with revisions through September 2012 . . . . .	808.1, 808.2
1316—94	Glass Fiber Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-gasoline Mixtures— with revisions through May 2006 . . . . .	5704.2.13.1.5
1363—07	Relocatable Power Taps—with revisions through September 2012 . . . . .	605.4.1
1975—06	Fire Tests for Foamed Plastics Used for Decorative Purpose . . . . .	807.4.2.1, 808.3
1994—04	Standard for Luminous Egress Path Marking Systems— with revisions through November 2010 . . . . .	1008.2.1, 1025.2.1, 1025.2.3, 1025.2.4, 1025.4
2017—08	General-Purpose Signaling Devices and Systems— with revisions through May 2011 . . . . .	2311.7.2.1.1, 5808.5.2, 6004.2.2.10.1
2034—08	Single and Multiple Station Carbon Monoxide Alarms— with revisions through February 2009 . . . . .	915.4.2, 915.4.3, 1103.9
2075—2013	Standard for Gas and Vapor Detectors and Sensors . . . . .	915.5.1, 915.5.3, 2311.7.2.1.1, 5808.5.2, 6004.2.2.10.1
2079—04	Tests for Fire Resistance of Building Joint Systems— with revisions through December 2012 . . . . .	202
2085—97	Protected Above-ground Tanks for Flammable and Combustible Liquids— with revisions through September 2010 . . . . .	202, 2306.2.2, 2306.2.3, 5704.2.7.4, 5704.2.9.2.3, 5704.2.9.7.4, 5705.3.8.2
2196—2001	Tests for Fire Resistive Cables—with revisions through March 2012 . . . . .	604.3, 913.2.2
2200—2012	Stationary Engine Generator Assemblies—with revisions through June 2013 . . . . .	604.1.1
2208—2010	Solvent Distillation Units—with revisions through March 2011 . . . . .	5705.4.1
2245—06	Below-grade Vaults for Flammable Liquid Storage Tanks . . . . .	5704.2.8.1
2335—10	Fire Tests of Storage Pallets—with revisions through September 2012 . . . . .	3206.4.1.1, 3208.2.1
2360—00	Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction— with revisions through May 2013 . . . . .	2703.10.1.2

**USC**

United States Code  
c/o Superintendent of Documents  
U.S. Government Printing Office  
Washington, DC 20402-9325

Standard reference number	Title	Referenced in code section number
18 USC Part 1, Chapter 40	Importation, Manufacture, Distribution and Storage of Explosive Materials . . . . .	202
21 USC Chapter 9	United States Food, Drug and Cosmetic Act . . . . .	4002.1