

A Member of the International Code Family®



INTERNATIONAL FIRE CODE®

2006

2006 International Fire Code®

First Printing: January 2006
Second Printing: April 2006
Third Printing: April 2007
Fourth Printing: April 2008

ISBN-13: 978-1-58001-255-3 (soft)
ISBN-10: 1-58001-255-8 (soft)
ISBN-13: 978-1-58001-254-6 (loose-leaf)
ISBN-10: 1-58001-254-X (loose-leaf)
ISBN-13: 978-1-58001-304-8 (e-document)
ISBN-10: 1-58001-304-X (e-document)

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PRINTED IN THE U.S.A.

PREFACE

Introduction

Internationally, code officials recognize the need for a modern, up-to-date fire code addressing conditions hazardous to life and property from fire, explosion, handling or use of hazardous materials and the use and occupancy of buildings and premises. The *International Fire Code*[®], in this 2006 edition, is designed to meet these needs through model code regulations that safeguard the public health and safety in all communities, large and small.

This comprehensive fire code establishes minimum regulations for fire prevention and fire protection systems using prescriptive and performance-related provisions. It is founded on broad-based principles that make possible the use of new materials and new system designs. This 2006 edition is fully compatible with all the *International Codes*[®] (I-Codes[®]) published by the International Code Council (ICC)[®], including the *International Building Code*[®], *ICC Electrical Code*[®], *International Energy Conservation Code*[®], *International Existing Building Code*[®], *International Fuel Gas Code*[®], *International Mechanical Code*[®], *ICC Performance Code*[®], *International Plumbing Code*[®], *International Private Sewage Disposal Code*[®], *International Property Maintenance Code*[®], *International Residential Code*[®], *International Wildland-Urban Interface Code*[™] and *International Zoning Code*[®].

The *International Fire Code* provisions provide many benefits, among which is the model code development process that offers an international forum for fire safety professionals to discuss performance and prescriptive code requirements. This forum provides an excellent arena to debate proposed revisions. This model code also encourages international consistency in the application of provisions.

Development

The first edition of the *International Fire Code* (2000) was the culmination of an effort initiated in 1997 by a development committee appointed by ICC and consisting of representatives of the three statutory members of the International Code Council: Building Officials and Code Administrators International, Inc. (BOCA), International Conference of Building Officials (ICBO) and Southern Building Code Congress International (SBCCI). The intent was to draft a comprehensive set of fire safety regulations consistent with and inclusive of the scope of the existing model codes. Technical content of the latest model codes promulgated by BOCA, ICBO and SBCCI was utilized as the basis for the development, followed by public hearings in 1998 and 1999 to consider proposed changes. This 2006 edition presents the code as originally issued, with changes reflected in the 2003 edition and further changes approved through the ICC Code Development Process through 2005. A new edition such as this is promulgated every three years.

This code is founded on principles intended to establish provisions consistent with the scope of a fire code that adequately protects public health, safety and welfare; provisions that do not unnecessarily increase construction costs; provisions that do not restrict the use of new materials, products or methods of construction; and provisions that do not give preferential treatment to particular types or classes of materials, products or methods of construction.

Adoption

The *International Fire Code* is available for adoption and use by jurisdictions internationally. Its use within a governmental jurisdiction is intended to be accomplished through adoption by reference in accordance with proceedings establishing the jurisdiction's laws. At the time of adoption, jurisdictions should insert the appropriate information in provisions requiring specific local information, such as the name of the adopting jurisdiction. These locations are shown in bracketed words in small capital letters in the code and in the sample ordinance. The sample adoption ordinance on page v addresses several key elements of a code adoption ordinance, including the information required for insertion into the code text.

Maintenance

The *International Fire Code* is kept up-to-date through the review of proposed changes submitted by code enforcing officials, industry representatives, design professionals and other interested parties. Proposed changes are carefully considered through an open code development process in which all interested and affected parties may participate.

The contents of this work are subject to change both through the Code Development Cycles and the governmental body that enacts the code into law. For more information regarding the code development process, contact the Code and Standard Development Department of the International Code Council.

While the development procedure of the *International Fire Code* assures the highest degree of care, ICC, its members and those participating in the development of this code do not accept any liability resulting from compliance or noncompliance with the provisions because ICC and its founding members do not have the power or authority to police or enforce compliance with the contents of this code. Only the governmental body that enacts the code into law has such authority.

Letter Designations in Front of Section Numbers

In each code development cycle, proposed changes to the code are considered at the Code Development Hearings by the ICC Fire Code Development Committee, whose action constitutes a recommendation to the voting membership for final action on the proposed change. Proposed changes to a code section that has a number beginning with a letter in brackets are considered by a different code development committee. For example, proposed changes to code sections that have [B] in front of them (e.g. [B] 607.2) are considered by the ICC Building Code Development Committee at the code development hearings.

The content of sections in this code that begin with a letter designation are maintained by another code development committee in accordance with the following:

- [B] = International Building Code Development Committee;
- [EB] = International Existing Building Code Development Committee;
- [FG] = International Fuel Gas Code Development Committee;
- [M] = International Mechanical Code Development Committee; and
- [P] = International Plumbing Code Development Committee.

Marginal Markings

Solid vertical lines in the margins within the body of the code indicate a technical change from the requirements of the 2003 edition. Deletion indicators in the form of an arrow (➡) are provided in the margin where an entire section, paragraph, exception or table has been deleted or an item in a list of items or a table has been deleted.

ORDINANCE

The *International Codes* are designed and promulgated to be adopted by reference by ordinance. Jurisdictions wishing to adopt the 2006 *International Fire Code* as an enforceable regulation governing regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises should ensure that certain factual information is included in the adopting ordinance at the time adoption is being considered by the appropriate governmental body. The following sample adoption ordinance addresses several key elements of a code adoption ordinance, including the information required for insertion into the code text.

SAMPLE ORDINANCE FOR ADOPTION OF THE *INTERNATIONAL FIRE CODE* ORDINANCE NO. _____

An ordinance of the [JURISDICTION] adopting the 2006 edition of the *International Fire Code*, regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises in the [JURISDICTION]; providing for the issuance of permits and collection of fees therefor; repealing Ordinance No. _____ of the [JURISDICTION] and all other ordinances and parts of the ordinances in conflict therewith.

The [GOVERNING BODY] of the [JURISDICTION] does ordain as follows:

Section 1. That a certain document, three (3) copies of which are on file in the office of the [TITLE OF JURISDICTION'S KEEPER OF RECORDS] of [NAME OF JURISDICTION], being marked and designated as the *International Fire Code*, 2006 edition, including Appendix Chapters [FILL IN THE APPENDIX CHAPTERS BEING ADOPTED] (see *International Fire Code* Section 101.2.1, 2006 edition), as published by the International Code Council, be and is hereby adopted as the Fire Code of the [JURISDICTION], in the State of [STATE NAME] regulating and governing the safeguarding of life and property from fire and explosion hazards arising from the storage, handling and use of hazardous substances, materials and devices, and from conditions hazardous to life or property in the occupancy of buildings and premises as herein provided; providing for the issuance of permits and collection of fees therefor; and each and all of the regulations, provisions, penalties, conditions and terms of said Fire Code on file in the office of the [JURISDICTION] are hereby referred to, adopted, and made a part hereof, as if fully set out in this ordinance, with the additions, insertions, deletions and changes, if any, prescribed in Section 2 of this ordinance.

Section 2. That the following sections are hereby revised:

Section 101.1 Insert: [NAME OF JURISDICTION]

Section 109.3. Insert: [OFFENSE, DOLLAR AMOUNT, NUMBER OF DAYS]

Section 111.4. Insert: [DOLLAR AMOUNT IN TWO LOCATIONS]

Section 3. That the geographic limits referred to in certain sections of the 2006 *International Fire Code* are hereby established as follows:

Section 3204.3.1.1 (geographic limits in which the storage of flammable cryogenic fluids in stationary containers is prohibited): [JURISDICTION TO SPECIFY]

Section 3404.2.9.5.1 (geographic limits in which the storage of Class I and Class II liquids in above-ground tanks outside of buildings is prohibited): [JURISDICTION TO SPECIFY]

Section 3406.2.4.4 (geographic limits in which the storage of Class I and Class II liquids in above-ground tanks is prohibited): [JURISDICTION TO SPECIFY]

Section 3804.2 (geographic limits in which the storage of liquefied petroleum gas is restricted for the protection of heavily populated or congested areas): [JURISDICTION TO SPECIFY]

Section 4. That Ordinance No. _____ of [JURISDICTION] entitled [FILL IN HERE THE COMPLETE TITLE OF THE ORDINANCE OR ORDINANCES IN EFFECT AT THE PRESENT TIME SO THAT THEY WILL BE REPEALED BY SPECIFIC REFERENCE] and all other ordinances or parts of ordinances in conflict herewith are hereby repealed.

Section 5. That if any section, subsection, sentence, clause or phrase of this ordinance is, for any reason, held to be unconstitutional, such decision shall not affect the validity of the remaining portions of this ordinance. The [GOVERNING BODY] hereby declares that it

would have passed this ordinance, and each section, subsection, clause or phrase thereof, irrespective of the fact that any one or more sections, subsections, sentences, clauses and phrases be declared unconstitutional.

Section 6. That nothing in this ordinance or in the Fire Code hereby adopted shall be construed to affect any suit or proceeding impending in any court, or any rights acquired, or liability incurred, or any cause or causes of action acquired or existing, under any act or ordinance hereby repealed as cited in Section 4 of this ordinance; nor shall any just or legal right or remedy of any character be lost, impaired or affected by this ordinance.

Section 7. That the [JURISDICTION'S KEEPER OF RECORDS] is hereby ordered and directed to cause this ordinance to be published. (An additional provision may be required to direct the number of times the ordinance is to be published and to specify that it is to be in a newspaper in general circulation. Posting may also be required.)

Section 8. That this ordinance and the rules, regulations, provisions, requirements, orders and matters established and adopted hereby shall take effect and be in full force and effect [TIME PERIOD] from and after the date of its final passage and adoption.

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CHAPTER 45

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 102.6.

	American Association of State Highway and Transportation Officials 444 North Capitol Street, Northwest, #249 Washington, DC 20001	
AASHTO		
Standard reference number	Title	Referenced in code section number
HB-17—2002	Specification for Highway Bridges, 17th Edition 2002.	503.2.6

	Architectural Fabric Structures Institute c/o Industrial Fabric Association International 1801 County Road B West Roseville, MN 55113	
AFSI		
Standard reference number	Title	Referenced in code section number
ASI—77	Design and Standard Manual	2403.10.2

	American Petroleum Institute 1220 L Street, Northwest Washington, DC 20005	
API		
Standard reference number	Title	Referenced in code section number
Spec 12P—(1995) (Reaffirmed 2000)	Specification for Fiberglass Reinforced Plastic Tanks.	3404.2.13.1.5
RP 651—(1997)	Cathodic Protection of Aboveground Petroleum Storage Tanks.	3406.7, 3406.7.1
Std 653—(2001)	Tank Inspection, Repair, Alteration and Reconstruction	3406.7
RP 752—(2003)	Management of Hazards Associated with Location of Process Plant Buildings, CMA Managers Guide.	3406.7
RP 1604—(1996)	Closure of Underground Petroleum Storage Tanks	3404.2.13
RP 1615—(1996)	Installation of Underground Petroleum Storage Systems.	3404.2.13.1.5, 3406.7
Std 2000—(1998)	Venting Atmosphere and Low Pressure Storage Tanks: Nonrefrigerated and Refrigerated	3404.2.7.3.6
RP 2001—(2005)	Fire Protection in Refineries, 8 th Edition.	3406.7
RP 2003—(1998)	Protection Against Ignitions Arising out of Static, Lightning, and Stray Currents	3406.7
Publ 2009—(2002)	Safe Welding and Cutting Practices in Refineries, Gas Plants and Petrochemical Plants.	3406.7
Std 2015—(2001)	Safe Entry and Clearing of Petroleum Storage Tanks.	3406.7, 3406.7.2
RP 2023—(2001)	Guide for Safe Storage and Handling of Heated Petroleum-Derived Asphalt Products and Crude-oil Residue	3406.7, 3406.7.3
Publ 2028—(2002)	Flame Arrestors in Piping Systems	3404.2.7.3.2
Publ 2201—(2003)	Procedures for Welding or Hot Tapping on Equipment in Service.	3406.7
RP 2350—(2005)	Overfill Protection for Storage Tanks in Petroleum Facilities, 3rd Edition	3404.2.7.5.8, 3406.4.6, 3406.7

	The American Society of Mechanical Engineers Three Park Avenue New York, NY 10016-5900	
ASME		
Standard reference number	Title	Referenced in code section number
A13.1—96 (Reaffirmed 2002)	Scheme for the Identification of Piping Systems.	2609.3, 2703.2.2.1, 3003.4.2, 3203.4.5, 3403.5.2
A17.1—2004	Safety Code for Elevators and Escalators—with A17.1a-2004 Addenda and A17.1S Supplement 2005	607.1, 1007.4

REFERENCED STANDARDS

ASME—continued

A17.3—2002	Safety Code for Existing Elevators and Escalators—with A17.3a-2000 Addenda	607.1
A18.1—2003	Safety Standard for Platform Lifts and Stairway Chair Lifts.	604.2.6
B16.18—2001	Cast Copper Alloy Solder Joint Pressure Fittings	909.13.1
B16.22—2001	Wrought Copper and Copper Alloy Solder-joint Pressure Fittings—with B16.22a-1998 Addenda	909.13.1
B31.3—2002	Process Piping	2209.5.4.3.1, 2703.2.2.2
B31.9—96	Building Services Piping Code for Pressure Piping	3403.6.2.1, 3403.6.3, 3403.6.11
BPVC-2001	ASME Boiler and Pressure Vessel Code (Sections I, II, IV, V & VI, VIII)	2209.5.4.2, 3003.2, 3003.3.2, 3203.4.3, 3203.8, 3204.4.1, 3204.5, 3404.2.13.1.5

ASTM

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

Standard reference number	Title	Referenced in code section number
B 42—02e01	Specification for Seamless Copper Pipe, Standard Sizes	909.13.1
B 43—04	Specification for Seamless Red Brass Pipe, Standard Sizes	909.13.1
B 68—02	Specification for Seamless Copper Tube, Bright Annealed.	909.13.1
B 88—03	Specification for Seamless Copper Water Tube.	909.13.1
B 251—02e01	Specification for General Requirements for Wrought Seamless Copper and Copper-alloy Tube.	909.13.1
B 280—03	Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service	909.13.1
D 56—02a	Test Method for Flash Point by Tag Closed Tester.	3402.1
D 86—04b	Test Method for Distillation of Petroleum Products at Atmospheric Pressure.	2702.1
D 92—02b	Test Method for Flash and Fire Points by Cleveland Open Cup	3401.2, 3402.1
D 93—02a	Test Method for Flash Point by Pensky-Martens Closed Up Tester	3402.1
D 323—99a	Test Method for Vapor Pressure of Petroleum Products (Reid Method)	2702.1
D 3278—96e01	Test Methods for Flash Point of Liquids by Small Scale Closed-cup Apparatus.	3402.1
E 84—04	Test Method for Surface Burning Characteristics of Building Materials	803.1, 803.1.1, 803.1.2, 803.5.1, 803.7.3, 804.1, 804.2.4
E 681—04	Test Method for Concentration Limits of Flammability of Chemicals (Vapors and Gases)	3502.1
E 1354—04a	Standard Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter	808.1
E 1529—00	Test Method for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies	3404.2.9.1.3
E 1537—02a	Test Method for Fire Testing of Upholstered Furniture	805.1.1.2, 805.2.1.2, 805.3.1.2
E 1590—02	Test Method for Fire Testing of Mattresses	805.1.2.2, 805.2.2.2, 805.3.2.2

BHMA

Builders Hardware Manufacturers' Association
355 Lexington Avenue, 17th Floor
New York, NY 10017-6603

Standard reference number	Title	Referenced in code section number
A156.10—99	American National Standard for Power Operated Pedestrian Doors	1008.1.3.2
A156.19—02	American National Standard for Power Assist and Low Energy Power Operated Doors	1008.1.3.2

CA

State of California
Department of Consumer Affairs
Bureau of Home Furnishings and Thermal Insulation
3485 Orange Grove Avenue
North Highlands, CA 95660-5595

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

CA—continued

California
Technical
Bulletin 133—1991

Flammability Test Procedure for Seating Furniture for
Use in Public Occupancies. 805.1.1.2, 805.2.1.2

CGA

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

Standard reference number	Title	Referenced in code section number
C-7—(2000)	Guide to the Preparation of Precautionary Labeling and Marking of Compressed Gas Containers.	3003.4.2, 3203.4.2
P-1—(2000)	Safe Handling of Compressed Gases in Containers	3005.7
P-18—(1992)	Standard for Bulk Inert Gas Systems at Consumer Sites	3201.1
S-1.1—(2002)	Relief Device Standards—Part 1—Cylinders for Compressed Gases.	2209.5.4.2, 3003.3.2, 3203.2
S-1.2—(1995)	Pressure Relief Device Standards—Part 2—Cargo and Portable Tanks for Compressed Gases	2209.5.4.2, 3003.3.2, 3203.2
S-1.3—(1995)	Pressure Relief Device Standards—Part 3—Stationary Storage Containers for Compressed Gases	2209.5.4.2, 2209.5.4.3.5, 3003.3.2, 3203.2
V-1—(2002)	Gas Cylinder Valve Outlet and Inlet Connections	4106.1.3

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.	3406.8

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—1984	Method for Testing Primary Irritant Substances	202
16 CFR Part 1500.42—1984	Test for Eye Irritants.	202
16 CFR Part 1500.44—2001	Method for Testing Extremely Flammable and Flammable Solids	3602.1
16 CFR Part 1500—1984	Hazardous Substances and Articles; Administration and Enforcement Regulations	3301.1.3, 3302.1
16 CFR Part 1507—2001	Fireworks Devices.	3301.1.3, 3302.1

DOC

U.S. Department of Commerce
100 Bureau Drive, Stop 3460
Gaithersburg, MD 20899

Standard reference number	Title	Referenced in code section number
16 CFR Part 1632—1999	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

REFERENCED STANDARDS

DOL	U.S. Department of Labor c/o Superintendent of Documents U.S. Government Printing Office Washington, DC 20402-9325	
	Standard reference number	Referenced in code section number
29 CFR Part 1910.1000—1974	Air Contaminants	1204.2.1, 2702.1
29 CFR Part 1910.1200—1999	Hazard Communication	2702.1, 3303.6

DOTn	U.S. Department of Transportation Office of Hazardous Material Standards 400 7 th Street, Southwest Washington, DC 20590	
	Standard reference number	Referenced in code section number
33 CFR Part 154 —1998	Facilities Transferring Oil or Hazardous Material in Bulk	3406.8
33 CFR Part 155 —1998	Oil or Hazardous Material Pollution Prevention Regulations for Vessels	3406.8
33 CFR Part 156 —1998	Oil and Hazardous Material Transfer Operations	3406.8
49 CFR—1998	Transportation	2605.4, 3302.1
49 CFR Part 1—1999	Transportation	3203.4.3, 3203.8
49 CFR Part 172—1999	Hazardous Materials Tables, Special Provisions, Hazardous Materials Communications, Emergency Response Information and Training Requirements	3304.6.5.2
49 CFR Part 173—1999	Shippers — General Requirements for Shipments and Packagings	3306.3
49 CFR Part 173.137—1990	Shippers — General Requirements for Shipments and Packagings: Class 8 — Assignment of Packing Group	3102.1
49 CFR Parts 100-178—1994	Hazardous Materials Regulations	3003.2, 3301.1, 3301.1.3, 3301.3, 3406.5.1.15

DOTy	U.S. Department of Treasury c/o Superintendent of Documents U.S. Government Printing Office Washington, DC 20402-9325	
	Standard reference number	Referenced in code section number
27 CFR Part 55—1998	Commerce in Explosives, as amended through April 1, 1998.	3302.1, 3304.6.5.2

ICC	International Code Council, Inc. 500 New Jersey Ave, NW 6th Floor Washington, D.C. 20001	
	Standard reference number	Referenced in code section number
ICC/ANSI A117.1—03	Accessible and Usable Buildings and Facilities	907.10.1.4, 1007.6.5, 1010.1, 1010.6.5, 1010.9, 1011.3
ICC 300—02	Standard on Bleachers, Folding and Telescopic Seating and Grandstands	1025.1.1
ICC EC—06	International Code Council Electrical Code Administrative Provisions.	603.1.3, 603.1.7, 603.5.2, 604.2.16.1, 604.2.16.2, 605.1, 605.3, 605.4, 605.9, 606.16, 904.3.1, 907.6, 909.11, 909.12.1, 909.16.3, 1106.3.4, 1204.2.3, Table 1304.1, 1404.7, 1503.2.1, 1503.2.1.1, 1503.2.1.4, 1503.2.5, 1504.6.1.2.2, 1504.9.4, 1604.5, 1703.2.1, 1803.7.1, 1803.7.2, 1803.7.3, 1903.4, 2004.1, 2201.5, 2205.4, 2208.8.1.2.4, 2209.2.3, 2211.3.1, 2211.8.1.2.4, 2403.12.6.1, 2404.15.7, 2606.4, 2703.7.3, 2703.8.7.1, 2703.9.4, 2704.7, 2705.1.5, 3003.7.6, 3003.8, 3003.16.11, 3003.16.14, 3203.7, 3203.7.2, 3403.1, Table 3403.1.1, 3403.1.3, 3404.2.8.12, 3404.2.8.17, 3406.2.8, 3503.1.5, 3503.1.5.1, 3606.5.5, 3606.5.6, 3704.2.2.8

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IBC—06	International Building Code® 102.3, 102.4, 201.3, 202, 304.1.3, 306.1, 311.1.1, 311.3, 313.1, 313.2, 408.7.2, 504.1, 509.1, 603.2, 603.3.2, 603.5.2, 603.6.1, 603.8, 604.1, 604.2.9, 604.2.15.1.3, 604.2.16, 604.2.16.1.1, 604.2.17, 608.4, 608.8, 701.1, 803.1, Table 803.3, 803.7.1, 803.7.2, 805.3.1.2, 807.1.2, 807.4.2.2, 901.4.1, 901.4.2, 903.2.4.2, 903.2.8.1, 903.2.9, 903.3.2, 903.3.5.2, 903.6, 907.2.6.2, 907.2.7, 907.2.12, 907.2.18, 907.2.21, 907.15, 909.1, 909.2, 909.3, 909.4.3, 909.5, 909.5.2, 909.5.2.1, 909.10.5, 911.2, 914.1, 914.2.1, 914.3.1, 914.5.3, 914.10, 1003.2, 1003.3.4, 1003.5, 1006.3, 1007.2, 1007.4, 1007.5, 1007.6.2, 1007.8, 1008.1.3.3, 1008.1.6, 1008.1.8.1, 1008.1.8.7, 1009.10, 1009.11.1, 1010.1, 1011.4, 1011.5.3, 1012.1, 1013.1, 1014.4.1, Table 1016.1, 1017.1, Table 1017.1, Table 1019.2, 1020.1, 1020.1.1, 1020.1.2, 1020.1.3, 1020.1.4, 1020.1.7, 1021.3, 1021.4, 1021.5, 1022.2, 1022.3, 1024.3, 1026.1, 1027.5, 1027.17, 1027.17.1, Table 1027.17.2, 1104.6, 1106.17, 1107.1, 1107.4, 1203.3, 1207.1, 1414.1, 1502.1, 1504.2, 1504.3.1, 1504.3.2.6, 1504.3.3, 1505.2, 1801.1, 1801.4, 1803.2.2, 1803.3.1, 1803.3.2, 1803.3.3, 1803.3.4, 1803.3.8, 1803.14, 1803.14.1, 1803.15.1, 1804.3.1, 1805.2.3.2, 1805.3.1, 1805.3.2, 1805.3.3, 1903.1, 2005.1, 2009.2, 2009.4, 2009.6, 2201.1, 2201.4, 2203.1, 2207.4, 2208.3, 2208.3.1, Table 2209.3.1, 2209.3.2.3, 2209.3.2.6.1, 2209.3.3, 2210.1, 2211.1, 2211.3.1, 2211.4.1, 2211.8.1.2.3, 2301.3, Table 2306.2, 2306.3.1, 2306.3.2.1, 2306.3.2.2, 2306.8, 2307.2, 2308.2, 2402.1, 2403.8.2, 2404.1, 2503.1, 2703.2.2.2, 2703.2.8, 2703.8.1, Table 2703.8.2, 2703.8.3.1, 2703.8.4.1, 2703.9.9, 2704.13, 2705.2, 2705.3.9, 2801.1, 2904.3, 2904.4, 2904.5, 3003.16.1, 3003.16.2, 3203.1.2, 3203.5.2, 3204.2, 3204.2.2.2, 3204.4.3, 3205.4.1, 3304.2, Table 3304.5.2.3, 3305.5, 3401.3, 3404.2.7.7, 3404.2.8.1, 3404.2.8.2, 3404.2.9.2, 3404.2.9.3, 3404.3.3.5, 3404.3.7.1, 3404.3.8, 3405.3.4, 3405.3.5.3, 3405.3.7.1, 3405.3.7.2, 3405.3.7.3, 3405.3.7.4, 3405.3.7.5.1, 3406.2.3, 3406.4.1, 3606.2.2, 3606.2.3, 3606.4.2, 3703.1.4.2, 3705.3.1, 3809.11.2, 3904.1.2, 4004.1.2, 4104.1.4, 4106.1.1, 4304.1
IFGC—06	International Fuel Gas Code® 201.3, 603.1, 603.1.2, 603.5.2, 603.8, 1403.1, 1403.3, 1604.5, 2101.1, 2103.1, 2104.1, 2104.2, 2201.1, 2201.6, 2209.3.2.3, 2209.3.2.6, 2404.15.1, 2404.15.2, 2404.16.1, Table 2703.1.1(1), 3001.1, 3501.1, 3503.1.4, 3803.1, 3803.2.1.7, 3803.3
IMC—06	International Mechanical Code® 201.3, 202, 308.3.7, 603.1, 603.1.2, 603.2, 603.3, 603.5.2, 603.8, 606.1, 606.2, 606.3, 606.4, 606.7, 606.8, 606.16, 608.6.1, 609.1, 903.2.12.1, 904.11, 909.1, 909.10.2, 1015.5, 1017.4.1, 1204.2.1, 1205.3, 1403.1, 1504.7, 1504.7.2, 1604.5, 1803.2.2, 1803.10.4, 1803.14, 1903.2, 1903.3, 2101.1, 2103.1, 2104.2, 2201.1, 2201.6, 2209.3.2.3, 2211.3.1, 2211.4.3, 2211.7.1, 2404.15.1, Table 2703.1.1(1), 2404.15.2, 2703.8.4.2, 2703.8.5.2, 2703.8.6.2, 2704.3.1, 2903.5, 3003.7.6, 3003.16.9, 3005.5, 3006.2.2, 3204.2.1.3, 3204.2.2.3, 3205.4.1.1, 3401.3, 3403.6.1, 3404.2.8.9, 3405.3.7.5.1, 3406.2, 3406.4.4, 3703.1.3, 3703.2.3.2, 3704.2.2.7, 3705.3.1, 3705.3.2, 3803.2.1.7
IPC—06	International Plumbing Code® 201.3, 903.3.5, 912.5, 2211.2.3, 2704.2.2.6
IPMC—06	International Property Maintenance Code® 311.1.1
IRC—06	International Residential Code® 202, 1001.1
IWUIC—06	International Wildland-Urban Interface Code™ 304.1.2

International Organization for Standardization (ISO)
 ISO Central Secretariat
 1, rue de Varembee, Case postale 56
 CH-1211 Geneva 20, Switzerland

ISO

Standard reference number	Title	Referenced in code section number
ISO 8115—86	Cotton Bales—Dimensions and Density	Table 1804.2.2.1, Table 2703.1(1)

National Electrical Manufacturer's Association
 1300 N. 17th Street
 Suite 1847
 Rosslyn, VA 22209

NEMA

Standard reference number	Title	Referenced in code section number
250—2003	Enclosures for Electrical Equipment (1,000 Volt Maximum)	3705.2

National Fire Protection Association
 Batterymarch Park
 Quincy, MA 02269

NFPA

Standard reference number	Title	Referenced in code section number
10—02	Portable Fire Extinguishers	Table 901.6.1, 906.2, 906.3, Table 906.3(1), Table 906.3(2), 2106.3
11—02	Low-, Medium-, High-expansion Foam	904.7, 3404.2.9.1.2
11A—99	Medium- and High-expansion Foam Systems	904.7, 3404.2.9.1.2
12—00	Carbon Dioxide Extinguishing Systems	Table 901.6.1, 904.8, 904.11
12A—04	Halon 1301 Fire Extinguishing Systems	Table 901.6.1, 904.9

REFERENCED STANDARDS

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13—02	Installation of Sprinkler Systems	Table 704.1, 903.3.1.1, 903.3.2, 903.3.5.1.1, 903.3.5.2, 904.11, 905.3.4, 907.9, 2301.1, 2304.2, Table 2306.2, 2306.9, 2307.2, 2307.2.1, 2308.2.2, 2308.2.2.1, 2310.1, 2501.1, 2804.1, 2806.5.7, 3404.3.3.9, Table 3404.3.6.3(7), 3404.3.7.5.1, 3404.3.8.4
13D—02	Installation of Sprinkler Systems in One- and Two-family Dwellings and Manufactured Homes . . . . .	.903.3.1.3, 903.3.5.1.1
13R—02	Installation of Sprinkler Systems in Residential Occupancies up to and Including Four Stories in Height . . . . .	.903.3.1.2, 903.3.5.1.1, 903.3.5.1.2, 903.4
14—03	Installation of Standpipe and Hose Systems . . . . .	.905.2, 905.3.4, 905.4.2, 905.8
15—01	Water Spray Fixed Systems for Fire Protection	3404.2.9.1.3
16—03	Installation of Foam-water Sprinkler and Foam-water Spray Systems . . . . .	.904.7, 904.11
17—02	Dry Chemical Extinguishing Systems	Table 901.6.1, 904.6, 904.11
17A—02	Wet Chemical Extinguishing Systems	Table 901.6.1, 904.5, 904.11
20—03	Installation of Stationary Pumps for Fire Protection . . . . .	.913.1, 913.2, 913.5.1
22—03	Water Tanks for Private Fire Protection . . . . .	.508.2.2
24—02	Installation of Private Fire Service Mains and their Appurtenances . . . . .	.508.2.1, 1909.5
25—02	Inspection, Testing and Maintenance of Water-based Fire Protection Systems . . . . .	.508.5.3, Table 901.6.1, 904.7.1, 912.6, 913.5,
30—03	Flammable and Combustible Liquids Code	3403.6.2, 3403.6.2.1, 3404.2.7, 3404.2.7.1, 3404.2.7.2, 3404.2.7.3.6, 3404.2.7.4, 3404.2.7.6, 3404.2.7.7, 3404.2.7.8, 3404.2.7.9, 3404.2.9.2, 3404.2.9.3, 3404.2.9.5.1.1, 3404.2.9.5.1.2, 3404.2.9.5.1.3, 3404.2.9.5.1.4, 3404.2.9.5.1.5, 3404.2.9.5.2, 3404.2.9.6.4, 3404.2.10.2, 3404.2.11.4, 3404.2.11.5.2, 3404.2.12.1, 3404.3.1, 3404.3.6, 3404.3.7.2.3, 3404.3.7.5.1, 3404.3.8.4, 3406.8.3
30A—03	Code for Motor Fuel-dispensing Facilities and Repair Garages	2201.4, 2201.5, 2201.6, 2206.6.3, 2210.1
30B—02	Manufacture and Storage of Aerosol Products	2801.1, 2803.1, 2804.1, Table 2804.3.1, Table 2804.3.2, Table 2804.3.2.2, 2804.4.1, 2804.5.2, 2804.6, Table 2806.2, 2806.2.3, 2806.3.2, Table 2806.4, 2806.5.1, 2806.5.6, 2807.1
31—01	Installation of Oil-burning Equipment . . . . .	.603.1.7, 603.3.1, 603.3.3
32—00	Dry Cleaning Plants . . . . .	.1207.1, 1207.3
33—03	Spray Application Using Flammable or Combustible Materials . . . . .	.1504.3.2
34—03	Dipping and Coating Processes Using Flammable or Combustible Liquids . . . . .	.1505.3, 1505.4.1.1
35—99	Manufacture of Organic Coatings . . . . .	.2001.3, 2005.4
40—01	Storage and Handling of Cellulose Nitrate Film . . . . .	.306.2
51—02	Design and Installation of Oxygen-fuel Gas Systems for Welding, Cutting and Allied Processes . . . . .	.2601.5, 2607.1, 2609.1
51A—01	Acetylene Cylinder Charging Plants . . . . .	.2608.1
52—02	Compressed Natural Gas (CNG) Vehicular Fuel System Code . . . . .	.3001.1
55-05	Standard for the Storage, Use and Handling of Compressed Gases and Cryogenic Fluids in Portable and Stationery Containers Cylinders and Tanks	2209.2.1, 3201.1, 3501.1, 4001.1
57—02	Liquefied Natural Gas (LNG) Vehicular Fuel System Code . . . . .	.3001.1
58—04	Liquefied Petroleum Gas Code	3801.1, 3803.1, 3803.2.1, 3803.2.1.2, 3803.2.1.7, 3803.2.2, 3804.1, 3804.3.1, 3804.4, 3806.2, 3806.3, 3807.2, 3808.1, 3808.2, 3809.11.2, 3811.3
59A—01	Production, Storage and Handling of Liquefied Natural Gas (LNG) . . . . .	.3001.1, 3201.1
61—02	Prevention of Fires and Dust Explosions in Agricultural and Food Products Facilities	Table 1304.1
69—02	Explosion Prevention Systems . . . . .	.911.1, 911.3, Table 1304.1
72—02	National Fire Alarm Code . . . . .	.509.1, Table 901.6.1, 903.4.1, 904.3.5, 907.2, 907.2.1.1, 907.2.10, 907.2.10.4, 907.2.11.2, 907.2.11.3, 907.2.12.2.3, 907.2.12.3, 907.3, 907.5, 907.6, 907.10.2, 907.11, 907.15, 907.17, 907.18, 907.20, 907.20.2, 907.20.5
80—99	Fire Doors and Fire Windows . . . . .	.703.2, 1008.1.3.3
85—04	Boiler and Combustion System Hazards Code	Table 1304.1
86—03	Ovens and Furnaces . . . . .	.2101.1
92B—05	Smoke Management Systems in Malls, Atria and Large Spaces . . . . .	.909.8
99—02	Health Care Facilities . . . . .	.3006.4
101—03	Life Safety Code . . . . .	.1025.6.2
110—02	Emergency and Standby Power Systems . . . . .	.604.1, 604.3, 604.4, 913.5.2, 913.5.3
111—01	Stored Electrical Energy Emergency and Standby Power Systems . . . . .	.604.1, 604.3, 604.4
120—99	Coal Preparation Plants	Table 1304.1
160—01	Flame Effects Before an Audience . . . . .	.308.3.6
211—03	Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances . . . . .	.603.2
230—03	Fire Protection of Storage . . . . .	.2301.1, 2308.4, 2310.1, 2501.1, 3404.3.3.9
241—00	Safeguarding Construction, Alteration, and Demolition Operations . . . . .	.1401.1
260—03	Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture805.1.1.1, 805.2.1.1, 805.3.1.1

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333 Pfingsten Road
Northbrook, IL 60062

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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	3302.1