



SIGNIFICANT CHANGES TO THE

INTERNATIONAL FIRE CODE[®]

2015 EDITION

**SIGNIFICANT CHANGES TO
THE INTERNATIONAL FIRE CODE®**

2015 EDITION

International Code Council

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Contents



PART 1			
Administration			
(Chapters 1 and 2)	1		
PART 2			
General Safety Provisions			
(Chapters 3 and 4)	2		
■ 312.3			
Vehicle Impact Protection	3		
■ 315.6, 605.12			
Storage and Abandoned Wiring in Plenums	4		
■ 403			
Emergency Preparedness Requirements	6		
PART 3			
Building and Equipment Design Features			
(Chapters 5–19)	11		
■ 604.1			
Emergency and Standby Power Systems	14		
■ 604.2.6, IBC 407.10			
Emergency and Standby			
Power Systems—Group I-2 Occupancies	17		
■ 605.11			
Solar Photovoltaic Power Systems	19		
■ 606.12			
Pressure Relief Devices for Mechanical			
Refrigeration	26		
■ 607.6			
Protection of Fire Service Access			
Elevators and Occupant			
Evacuation Elevators	30		
■ 609.2			
Commercial Cooking Appliances			
Producing a Low Volume			
of Grease-laden Vapors	32		
■ 609.3.3.2			
Inspection and Cleaning			
of Commercial Kitchen Exhaust Hoods	34		
■ 609.4			
Gas-fired Appliance Connections	36		
■ 611			
Hyperbaric Facilities	38		
■ 807			
Decorative Materials Other Than			
Decorative Vegetation in New			
and Existing Buildings	40		
■ 901.4.1			
Required Fire Protection Systems	43		
■ 901.8.2			
Removal of Existing			
Occupant-Use Hose Lines	46		
■ 903.2.1			
Fire Sprinklers in Group A Occupancies	48		
■ 903.2.1.6			
Assembly Occupancies on Roofs	51		

iv CONTENTS

■ 903.2.1.7 Multiple Group A Fire Areas	53	■ 907.2.14 Fire Alarm and Detection Systems for Atriums	90
■ 903.2.9 Commercial Motor Vehicles— Fire Sprinkler Requirements	56	■ 907.2.22.1, 907.2.22.2 Smoke Detection for Airport Traffic Control Towers	91
■ 903.2.11.3 Buildings 55 Feet or More in Height—Sprinklers Required	58	■ 909.4.7 Smoke Control System Interaction	93
■ 903.3.1.1.1 Exempt Locations—Sprinklers Not Required when Automatic Fire Detection System Is Provided	60	■ 909.6.3 Smoke Control Systems—Pressurized Stairways and Elevator Hoistways	94
■ 903.3.1.1.2 Bathrooms Exempt from Sprinkler Requirements	63	■ 909.12.1, 909.20.6 Verification of Mechanical Smoke Control Systems	95
■ 903.3.1.2 NFPA 13R Sprinkler Systems	64	■ 909.21 Elevator Hoistway Pressurization Alternative	97
■ 903.3.1.2.2, 1027.6, 1104.22 NFPA 13R Sprinkler Systems— Open-Ended Corridors (Breezeways)	66	■ 910 Smoke and Heat Removal	100
■ 903.3.8 Limited Area Sprinkler Systems	69	■ 913.2.2 Electric Circuits Supplying Fire Pumps	104
■ 904.2, 904.11 Automatic Water Mist Systems	71	■ 915 Carbon Monoxide Detection	106
■ 904.13 Domestic Cooking Systems in Group I-2 Condition 1 Occupancies	73	■ Chapter 10 Means of Egress	113
■ 907.1.2 Fire Alarm Shop Drawings—Design Minimum Audibility Level	76	■ 1004.1.1 Cumulative Occupant Loads	114
■ 907.2.3 Group E Manual Fire Alarm System	79	■ Table 1004.1.2 Occupant Load Factors	116
■ 907.2.6, 907.5.2.1, 907.5.2.3 Fire Alarm and Detection Systems for Group I-2 Condition 2 Occupancies	81	■ 1006, 1007 Numbers of Exits and Exit Access Doorways	118
■ 907.2.9.3 Fire Alarm and Detection Systems for Group R College and University Buildings	84	■ 1007.1 Exit and Exit Access Doorway Configuration	123
■ 907.2.11.3, 907.2.11.4 Smoke Alarms near Cooking Appliances and Bathrooms	86	■ 1009.8 Two-Way Communication	126
■ 907.2.11.7 Smoke Detection System	89	■ 1010.1.9 Door Operations—Locking Systems	129
		■ 1011.15, 1011.16 Ship Ladders and Ladders	133
		■ 1014.8 Handrail Projections	135
		■ 1016.2 Egress through Intervening Spaces	137

■ 1017.2.2	Travel Distance Increase for Group F-1 and S-1 Occupancies	140	■ 3306.2	Cleaning with Flammable Gas	183
■ 1018.3, 1018.5	Aisles	143	■ 3504.1.7, 3510	Hot Work on Flammable and Combustible Liquid Storage Tanks	186
■ 1020.2	Corridor Width and Capacity	145			
■ 1023.3.1	Stairway Extension	148	PART 5		
■ 1029.13.2.2.1	Stepped Aisle Construction Tolerances	151	Hazardous Materials (Chapters 50–79)	189	
■ 1103.4.1	Vertical Openings in Existing Group I-2 and I-3 Occupancies	153	■ Table 5003.1.1(1)	Maximum Allowable Quantities of Hazardous Materials	191
■ 1103.7.6	Manual Fire Alarm Systems in Existing Group R-2 Occupancies	156	■ 5101.4, 5104	Plastic Aerosol Containers	196
■ 1105	Construction Requirements for Existing Group I-2 Occupancies	158	■ 5307	Carbon Dioxide (CO ₂) Systems Used in Beverage Dispensing Applications	198
			■ 5704.2.9.7.3	Flame Arresters on Protected Above-ground Storage Tanks	201
			■ 5808	Hydrogen Fuel Gas Rooms	203
PART 4					
Special Occupancies			PART 6		
(Chapters 20–49)	161		Appendices A through M	206	
■ 2307.4	LP-gas Dispensing Operations	163	■ Appendix B, B105	Fire-Flow Requirements for Buildings	207
■ 3103.9.1	Structural Design of Multistory Tents and Membrane Structures	168	■ Appendix C	Fire Hydrant Locations and Distribution	212
■ 3105	Temporary Stage Canopies	170	■ Appendix K	Construction Requirements for Existing Ambulatory Care Facilities	217
■ 3203.2	Class I Commodities	174	■ Appendix L	Fire Fighter Air Replenishment Systems	220
■ 3206.4.1	Plastic Pallets Used in High-piled Combustible Storage	177	■ Appendix M	Retroactive Installation of Fire Sprinklers in Existing High-rise Buildings	226
■ 3206.9.3	Dead-end Aisles in High-piled Combustible Storage	180	Index	229	

Preface

The purpose of *Significant Changes to the International Fire Code*[®], 2015 Edition, is to familiarize fire officials, building officials, plans examiners, fire inspectors, design professionals and others with many of the important changes in the *2015 International Fire Code* (IFC)[®]. This publication is designed to assist code users in identifying the specific code changes that have occurred and, more important, in understanding the reasons behind the changes. It is also a valuable resource for jurisdictions in their code adoption process.

Only a portion of the total number of code changes to the IFC are discussed in this book. The changes selected were identified for a number of reasons, including their frequency of application, special significance or change in application. However, the importance of the changes not included is not to be diminished. Further information on all code changes can be found in the Code Changes Resource Collection, available from the International Code Council[®] (ICC[®]). This resource collection provides the published documentation for each successful code change contained in the 2015 IFC since the 2012 edition.

Significant Changes to the International Fire Code, 2015 Edition, is arranged to follow the general layout of the IFC, including code sections and section number format. The table of contents, in addition to providing guidance in the use of this publication, allows for a quick identification of those significant code changes that occur in the 2015 IFC.

Throughout the book, each change is accompanied by a photograph or an illustration to assist in and enhance the reader's understanding of the specific change. A summary and a discussion of the significance of the change are also provided. Each code change is identified by type, be it an addition, modification, clarification or deletion.

The code change itself is presented in a legislative format similar to the style utilized for code change proposals. Deleted code language is shown with a strikethrough, and new code text is indicated by underlining. As a result, the actual 2015 code language is provided as well as a comparison with the 2012 language, so the user can easily determine changes to the specific code text.

As with any code change text, *Significant Changes to the International Fire Code*, 2015 Edition, is best used as a companion to the 2015 IFC. Because only a limited discussion of each change is provided, the reader should reference the code itself in order to gain a more comprehensive understanding of the code change and its application.

The commentary and opinions set forth in this text are those of the authors and do not necessarily represent the official position of ICC. In addition, they may not represent the views of any enforcing agency because such agencies have the sole authority to render interpretations of the IFC. In many cases, the explanatory material is derived from the reasoning expressed by code change proponents.

Comments concerning this publication are encouraged and may be directed to ICC at significantchanges@iccsafe.org.

About the *International Fire Code*[®]

Fire code officials, fire inspectors, building officials, design professionals, contractors and others involved in the field of fire safety recognize the need for a modern, up-to-date fire code. The *International Fire Code*[®] (IFC), 2015 edition, is intended to meet these needs through model code regulations that safeguard the public health and safety in all communities, large and small. The IFC is kept up to date through ICC's open code development process. The provisions of the 2012 edition, along with those code changes approved through 2013, make up the 2015 edition.

One in a family of International Codes[®] published by ICC, the IFC is a model code that regulates minimum fire safety requirements for new and existing buildings, facilities, storage and processes. It addresses fire prevention, fire protection, life safety and safe storage and use of hazardous materials. The IFC provides a total approach of controlling hazards in all buildings and sites, regardless of the hazard being indoors or outdoors.

The IFC is a design document. For example, before a building is constructed, the site must be provided with an adequate water supply for fire-fighting operations and a means of building access for emergency responders in the event of a medical emergency, fire or natural or technological disaster. Depending on the building's occupancy and uses, the IFC regulates the various hazards that may be housed within the building, including refrigeration systems, application of flammable finishes, fueling of motor vehicles, high-piled combustible storage and the storage and use of hazardous materials. The IFC sets forth minimum requirements for these and other hazards and contains requirements for maintaining the life safety of building occupants, the protection of emergency responders, and to limit the damage to a building and its contents as the result of a fire, explosion or unauthorized hazardous material discharge and electrical systems. The IFC 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.

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About the Authors

Fulton R. Cochran, CBO, CFCO
Deputy Fire Marshal – Retired
Henderson, Nevada

Fulton has been involved in the fire service for over 35 years. He started as a volunteer firefighter in his hometown of Manitou Springs, Colorado. Wanting a career in the fire service, he worked as a career firefighter and then moved into fire prevention. He was Fire Marshal in Breckenridge, Colorado, and an active member of the Fire Marshals Association of Colorado prior to moving to Southern Nevada. For the past 20 years, Fulton was with the City of Henderson, Nevada, where he was the Deputy Fire Marshal – Engineering. During his tenure, the City of Henderson was the fastest growing city in the country for over 10 years. During this explosive growth, Fulton managed the fire plan check team that reviewed the following:

- Master planned communities with over 10,000 homes
- Major infrastructure projects such as a 600-MGD water treatment plant
- Major commercial sites such as a regional mall and large strip centers
- Regional distribution centers greater than 750,000 square feet with high-piled storage
- Chemical plants with multiple hazards
- High-rise hotels and casinos
- High-rise hospital and medical office complexes.

Fulton has participated in code development starting with the legacy organization ICBO, and he attended his first code development hearing in 1985. Fulton has worked with the International Code Council (ICC) on numerous committees and councils. He was the International Association of Fire Chiefs (IAFC) representative on the Performance Code drafting committee. In 2007, he was appointed to the Fire Code Council, and in 2010 he was elected as Chairman of this Council. When ICC reformulated the Councils in 2011, creating the current Fire Service Membership Council (FSMC),

Fulton was again selected by the governing committee to be the Chairman of the Council, a position he continues to hold after being reelected most recently in Atlantic City during the 2013 Annual Business Meeting.

Fulton is currently a member of the ICC Board for International Professional Standards (BIPS), which oversees the ICC certification and testing programs. He represents the fire service on the Codes and Standards Council, which advises the ICC Board regarding the technical code committees and code development. Fulton was a member of the cdpACCESS steering committee charged with developing the framework of this program and recommending these actions to the ICC Board of Directors.

In 2013, Fulton was honored by ICC as the recipient of the Fire Service Person of the Year award.

During his tenure at Henderson, Fulton has been involved in numerous code adoptions with extensive local amendments. He is an active member of the Southern Nevada Fire Code Committee and is a two-term past President of the Southern Nevada Chapter of ICC. Fulton is also the former chair of the EduCode Committee of the Southern Nevada Chapter for code training and professional development.

Kevin H. Scott
President
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Kevin Scott is President of KH Scott & Associates LLC. Kevin has extensive experience in the development of fire safety, building safety and hazardous materials regulations. Kevin has actively worked for over 25 years in the development of fire code, building code and fire safety regulations at the local, state, national and international levels. Kevin previously worked as a Senior Regional Manager with the International Code Council, and before that, he was Deputy Chief for the Kern County Fire Department, California, where he worked for 30 years. He has developed and presented many seminars on a variety of technical subjects including means of egress, high-piled combustible storage, hazardous materials, and plan review and inspection practices.

Kevin was a member of the original IFC Drafting Committee that worked to create the first edition of the IFC. He served for seven years on the IFC Code Development Committee and was chairperson for the committee from 2001 to 2004. Kevin has actively participated in numerous technical committees to evaluate specific hazards and technologies, and create regulations specific to those hazards. Some of the more significant committees are

- High-piled Combustible Storage Committee
- Hydrogen Gas Ad Hoc Committee
- Task Group 400
- Technical Advisory Committee on Retail Storage of Group 'A' Plastic Commodities
- Underwriter's Laboratories Fire Council.

Kevin's constant work to improve fire and life safety has been recognized on many levels. His contributions have been acknowledged by various organizations when they presented him with the following awards:

- Mary Eriksen-Rattan Award in 2013—presented by the Southern California State Fire Prevention Officers' Association
- William Goss Award in 2009—presented by the California State Firefighters Association
- Fire Official of the Year Award in 2005—presented by the California Building Officials
- Robert W. Gain Award in 2003—presented by the International Fire Code Institute.

About the International Code Council®

The International Code Council is a member-focused association. It is dedicated to developing model codes and standards used in the design, build and compliance process to construct safe, sustainable, affordable and resilient structures. Most U.S. communities and many global markets choose the International Codes. ICC Evaluation Service (ICC-ES) is the industry leader in performing technical evaluations for code compliance fostering safe and sustainable design and construction.

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