

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**THIRD PRINTING (Updated November 20, 2015)**

## CHAPTER 4 EMERGENCY PLANNING AND PREPAREDNESS

**TABLE 405.2  
FIRE AND EVACUATION DRILL  
FREQUENCY AND PARTICIPATION**

| GROUP OR OCCUPANCY | FREQUENCY                                | PARTICIPATION |
|--------------------|--|---------------|
| Group I-1          | Semi-annually on each shift <sup>a</sup> | All occupants |

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**SECOND PRINTING (Updated June 3rd, 2015)**

## CHAPTER 5 FIRE SERVICE FEATURES

**508.1.6 Required features.** The *fire command center* shall comply with NFPA 72 and shall contain the following features:

1-6 (no change)

(1/7/2015)7. Controls for unlocking *interior exit* stairway doors simultaneously.

8-16 (no change)

17. Elevator fire recall switch in accordance with ASME A17.1/CSA B44.

18. (no change)

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**SECOND PRINTING (Updated June 3rd, 2015)**

## **CHAPTER 6 BUILDING SERVICES AND SYSTEMS**

**607.1 Emergency operation.** Existing elevators with a travel distance of 25 feet (7620 mm) or more shall comply with the requirements in Chapter 11. New elevators shall be provided with Phase I emergency recall operation and Phase II emergency in-car operation in accordance with ASME A17.1 [/CSA B44](#).

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## CHAPTER 6 BUILDING SERVICES AND SYSTEMS

**607.6 Water protection of hoistway enclosures.** Methods to prevent water from infiltrating into a hoistway enclosure required by Section ~~3007.4~~ 3007.3 and Section ~~3008.4~~ 3008.3 of the *International Building Code* shall be maintained.

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(Portions of text and tables not shown are unaffected by the errata)

**FOURTH PRINTING (Updated January 7, 2015)**

## **CHAPTER 8 INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS**

**805.3.2.2.2 Mass loss test.** Newly introduced mattresses shall have a mass loss not exceeding 15 percent of the initial mass of the mattress where tested in accordance with the test in ~~Annex A~~ [Annex A3](#) of ASTM F 1085.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## CHAPTER 8 INTERIOR FINISH, DECORATIVE MATERIALS AND FURNISHINGS

TABLE 803.3  
INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY<sup>k</sup>

| GROUP | SPRINKLERED <sup>l</sup>   |   |  | NONSPRINKLERED   |  |  |
|-------|--|---|--|--|--|--|
|       | Interior exit stairways <sup>s</sup> ; interior exit <b>and</b> ramps and exit passageways <sup>a, b</sup> | Corridors and enclosure for exit access stairways and exit-access ramps | Rooms and enclosed spaces <sup>c</sup> | Interior exit stairways <sup>s</sup> ; interior-exit <b>and</b> ramps and exit passageways <sup>a, b</sup> | Corridors and enclosure for exit access stairways and <b>exit-access</b> ramps | Rooms and enclosed spaces <sup>c</sup> |

Note: Remainder of table remain unchanged

**807.3 Combustible decorative materials.** In other than Group I-3, curtains, draperies, fabric hangings and other similar combustible decorative materials suspended from walls or ceilings shall comply with Section 807.4 and shall not exceed 10 percent of the specific wall or ceiling area to which they are attached.

Fixed or movable walls and partitions, paneling, wall pads and crash pads applied structurally or for decoration, acoustical correction, surface insulation or other purposes shall be considered *interior finish*, shall comply with Section 803 and shall not be considered *decorative materials* or furnishings.

### Exceptions:

1. In auditoriums in Group A, the permissible amount of curtains, draperies, fabric hangings and other similar combustible decorative material suspended from walls or ceilings shall not exceed 75 percent of the aggregate wall area where the building is equipped throughout with an *approved automatic sprinkler system* in accordance with Section 903.3.1.1, and where the material is installed in accordance with Section ~~803.11~~ 803.13 of the *International Building Code*.
2. and 3. (No change)

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

THIRD PRINTING (Updated January 7<sup>TH</sup> 2016)

## CHAPTER 9 FIRE PROTECTION SYSTEMS

TABLE 903.2.11.6  
ADDITIONAL REQUIRED FIRE SUPPRESSION SYSTEMS

| SECTION                         | SUBJECT   |
|---------------------------------|---|
| <del>5204.5</del> <u>3704.5</u> | Storage of more than 1,000 cubic feet of loose combustible fibers |

**908.6 Refrigeration systems.** Refrigeration system machinery rooms shall be provided with a refrigerant detector in accordance with Section ~~606.9~~ 606.8.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**SECOND PRINTING (Updated June 3rd, 2015)**

## CHAPTER 9 FIRE PROTECTION SYSTEMS

**907.3.3 Elevator emergency operation.** Automatic fire detectors installed for elevator emergency operation shall be installed in accordance with the provisions of ASME A17.1/[CSA B44](#) and NFPA 72.



# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

## FIRST PRINTING (Updated October 30, 2014)

### CHAPTER 9 FIRE PROTECTION SYSTEMS

**903.2.11.1 Stories without openings.** An *automatic sprinkler system* shall be installed throughout all stories, including *basements*, of all buildings where the floor area exceeds 1,500 square feet (139.4 m<sup>2</sup>) and where there is not provided not fewer than one of the following types of *exterior wall* openings:

1. Openings below grade that lead directly to ground level by an exterior *stairway* complying with Section ~~4009~~ 1011 or an outside ramp complying with Section ~~4040-1012~~. Openings shall be located in each 50 linear feet (15 240 mm), or fraction thereof, of *exterior wall* in the story on at least one side. The required openings shall be distributed such that the lineal distance between adjacent openings does not exceed 50 feet (15 240 mm).
2. (No change)

**904.3.2 Actuation.** Automatic fire-extinguishing systems shall be automatically actuated and provided with a manual means of actuation in accordance with Section ~~904.11.1~~ 904.12.1. Where more than one hazard could be simultaneously involved in fire due to their proximity, all hazards shall be protected by a single system designed to protect all hazards that could become involved.

**Exception:** Multiple systems shall be permitted to be installed if they are designed to operate simultaneously.

**909.5 Smoke barrier construction.** *Smoke barriers* required for passive smoke control and a smoke control system using the pressurization method shall comply with Section 709 of the *International Building Code*. ~~Smoke barriers shall be constructed and sealed to limit leakage areas exclusive of protected openings.~~ The maximum allowable leakage area shall be the aggregate area calculated using the following leakage area ratios: (*Remainder of section unchanged.*)

**914.3.1.1.1 Riser location.** Sprinkler risers shall be placed in interior exit stairways and ramps that are remotely located in accordance with Section 1007 ~~4045.2~~.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**SECOND PRINTING (Updated June 3rd, 2015)**

## CHAPTER 10 MEANS OF EGRESS

**[BE] 1009.4 Elevators.** In order to be considered part of an *accessible means of egress*, an elevator shall comply with the emergency operation and signaling device requirements of Section 2.27 of ASME A17.1/[CSA B44](#). Standby power shall be provided in accordance with Section 604 of this code and Section 3003 of the *International Building Code*. The elevator shall be accessed from an *area of refuge* complying with Section 1009.6.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

## FIRST PRINTING (Updated October 30, 2014)

### CHAPTER 10 MEANS OF EGRESS

(Remove \*\* in margin)

**1006.3 Egress from stories or occupied roofs.** The means of egress system serving any story or occupied roof shall be provided with the number of exits or access to exits based on the aggregate occupant load served in accordance with this section. The path of egress travel to an *exit* shall not pass through more than one adjacent story.

~~Each story above the second story of a building shall have a minimum of one interior or exterior exit stairway, or interior or exterior exit ramp. Where not less than three exits or access to exits are required, not less than 50 percent of the required exits shall be interior or exterior exit stairways or ramps.~~

#### **Exceptions:**

- ~~1. Interior exit stairways and interior exit ramps are not required in open parking garages where the means of egress serves only the open parking garage.~~
- ~~2. Interior exit stairways and interior exit ramps are not required in outdoor facilities where all portions of the means of egress are essentially open to the outside.~~

**1006.3.1 Egress based on occupant load.** Each story and occupied roof shall have the minimum number of independent exits, or access to exits, as specified in Table 1006.3.1. A single exit or access to a single exit shall be permitted in accordance with Section 1006.3.2. The required number of exits, or *exit access stairways* or *ramps* providing access to exits, from any story or occupied roof shall be maintained until arrival at the exit discharge or a *public way*.

(Remove \*\* in margin)

~~**1006.3.2.2 Basements.** A basement provided with one exit shall not be located more than one story below grade plane.~~

**1010.1.4.1 Revolving doors.** Revolving doors shall comply with the following:

1 to 4 (no change)

5. An emergency stop switch shall be provided near each entry point of a power or automatic operated revolving door doors within 48 inches (1220 mm) of the door and between 24 inches (610 mm) and 48 inches (1220 mm) above the floor. The activation area of the emergency stop switch button shall be not less than 1 inch (25 mm) in diameter and shall be red.

6 and 7 (no change)

**1010.1.4.3 Special purpose horizontal sliding, accordion or folding doors.** In other than Group H occupancies, special purpose horizontal sliding, accordion or folding door assemblies permitted to be a component of a means of egress in accordance with Exception 6 to Section 1010.1.2 shall comply with all of the following criteria:

1. ~~And 2.~~ (no change)
3. The force required to operate the door shall not exceed 30 pounds (133 N) to set the door in motion and 15 pounds (67 N) to close ~~or open~~ the door or open it to the minimum required width.
2. through 7. (no change)

**1011.14.1 Handrails of alternating tread devices.** Handrails shall be provided on both sides of alternating tread devices and shall comply with Section ~~4024~~ 1014.

**1015.1 General.** Guards shall comply with the provisions of Sections 1015.2 through ~~4045.6~~ 1015.7. Operable windows with sills located more than 72 inches (1.83 m) above finished grade or other surface below shall comply with Section ~~4045.7~~ 1015.8.

**1029.9.1 Minimum aisle width.** The minimum clear width for aisles shall be as shown:

1. Forty-eight inches (1219 mm) for stepped aisles having seating on each side.  
**Exception:** Thirty-six inches (914 mm) where the stepped aisles serves less than 50 seats.
2. Thirty-six inches (914 mm) for stepped aisles having seating on only one side.

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**Exception:** Twenty-three inches (584 mm) between ~~an aisle stair~~ a stepped aisles handrail and seating where an stepped aisles does not serve more than five rows on one side.

3. Twenty-three inches (584 mm) between a stepped aisles handrail or guard and seating where the stepped aisles is subdivided by a mid-aisle handrail.
4. Forty-two inches (1067 mm) for level or ramped aisles having seating on both sides.

**Exceptions:**

1. Thirty-six inches (914 mm) where the aisle serves less that 50 seats.
2. Thirty inches (762 mm) where the aisle does not serve more than 14 seats.
5. Thirty-six inches (914 mm) for level or ramped aisles having seating on only one side.

**Exception:** For other than ramped aisles that serve as part of an accessible route, thirty inches (762 mm) where the ramped aisle does not serve more than 14 seats.

**1029.9.7 Stairways connecting to stepped aisles.** A stairway that connects a stepped aisle to a cross aisle or concourse shall be permitted to comply with the assembly aisle walking surface requirements of Section ~~1029.12~~ 1029.13. Transitions between stairways and stepped aisles shall comply with Section 1029.10.

**1029.9.8 Stairways connecting to vomitories.** A stairway that connects a vomitory to a cross aisle or concourse shall be permitted to comply with the assembly aisle walking surface requirements of Section ~~1029.12~~ 1029.13. Transitions between stairways and stepped aisles shall comply with Section 1029.10.

**1029.10.1 Transitions and stairways that maintain stepped aisle riser and tread dimensions.** Stepped aisles, transitions and stairways that maintain riser and tread dimensions shall comply with Section ~~1029.12~~ 1029.13 as one exit access component.

**1029.13.1.3 Edge protection.** Ramped aisles shall have edge protection in accordance with Section 1012.10 and 1012.10.1 ~~1012.11~~.

**Exception:** In assembly spaces with fixed seating, edge protection is not required on the sides of ramped aisles where the ramped aisles provide access to the adjacent seating and aisle accessways.

**1029.14 Seat stability.** In a building, room or space used for assembly purposes, the seats shall be securely fastened to the floor.

**Exceptions:**

1. *(no change)*
2. In a building, room or space used for assembly purposes or portions thereof with seating at tables and without ramped or tiered floors for seating, the seats shall not be required to be fastened to the floor.
3. through 6. *(no change)*

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**FOURTH PRINTING (Updated August 9, 2016)**

## CHAPTER 11 CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

**1103.5 Sprinkler systems.** An *automatic sprinkler system* shall be provided in existing buildings in accordance with Sections 1103.5.1 through ~~1103.5.4~~ 1103.5.3.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**SECOND PRINTING (Updated July 24, 2015)**

## CHAPTER 11

### CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

**1105.6 Smoke compartments.** Smoke compartments shall be provided in existing Group I-2 Condition 2, in accordance with Sections 1105.6.1 through 1105.6.6 ~~1105.6.4~~.

**1105.9 Group I-2 automatic fire alarm system.** An automatic fire alarm system shall be installed in existing Group I- 2 occupancies in accordance with Section 907.2.6.2.

**Exception:** Manual fire alarm boxes in patient sleeping areas shall not be required at *exits* if located at all nurses' control stations or other constantly attended staff locations, provided such stations are visible and continuously accessible and that travel distances required in Section ~~907.5.2.4~~ 907.4.2.1 are not exceeded.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## CHAPTER 11 CONSTRUCTION REQUIREMENTS FOR EXISTING BUILDINGS

~~1103.5.1 Group A-2. An automatic sprinkler system shall be installed in accordance with Section 903.3.1.1 throughout existing buildings or portions thereof used as Group A-2 occupancies with an occupant load of 300 or more.~~

**1105.7 Group I-2 care suites.** Care suites in existing Group I-2 Condition 2 occupancies shall comply with Sections ~~407.4.3~~ 407.4.4 through ~~407.4.3.6.2~~ 407.4.4.6.2 of the *International Building Code*.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**FOURTH PRINTING (Updated May 10, 2016)**

## CHAPTER 23

### MOTOR FUEL-DISPENSING FACILITIES AND REPAIR GARAGES

**2307.3 Attendants.** Motor fuel-dispensing operations for LPgas shall be conducted by qualified attendants or in accordance with Section ~~2307.6~~ 2307.7 by persons trained in the proper handling of LP-gas.



# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## CHAPTER 23 MOTOR FUEL-DISPENSING FACILITIES AND REPAIR GARAGES

**2306.8.3 Change of system contents.** Fuel-dispensing systems subject to change in contents from gasoline to alcohol-blended fuels shall be subject to *fire code official* review and approval prior to commencing dispensing operations.

~~2306.8.3~~ **2306.8.4 Facility identification.** Facilities dispensing alcohol-blended fuels shall be identified by an *Approved* means.

~~2306.8.4~~ **2306.8.5 Marking.** Dispensers shall be marked in an *approved* manner to identify the types of alcohol-blended fuels to be dispensed.

~~2306.8.5~~ **2306.8.6 Maintenance and inspection.** Equipment shall be maintained and inspected in accordance with Section 2305.2.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## CHAPTER 27 SEMICONDUCTOR FABRICATION FACILITIES

### TABLE 2705.2.2

#### Maximum quantities of HPM at a workstation

For SI: 1 pound = 0.454 kg, 1 gallon = 3.785 L.

- a. Maximum allowable quantities shall be increased 100 percent for closed system operations. **Where** Note b also applies, the increase for both notes shall be allowed.
- b. Quantities shall be allowed to be increased 100 percent **where** workstations are internally protected with an approved automatic fire extinguishing or suppression system complying with Chapter 9. **Where** Note ~~b~~ a also applies, the increase for both notes shall be allowed. **Where** Note e also applies, the maximum increase allowed for both Notes b and e shall not exceed 100 percent.
- c. Allowed only in workstations that are internally protected with an approved automatic fire-extinguishing or fire protection system complying with Chapter 9 and compatible with the reactivity of materials in use at the workstation.
- d. The quantity limits apply only to materials classified as HPM.
- e. Quantities shall be allowed to be increased 100 percent for nonflammable, noncombustible corrosive liquids **where** the materials of construction for workstations are listed or approved for use without internal fireextinguishing or suppression system protection. **Where** Note b also applies, the maximum increase allowed for both Notes b and e shall not exceed 100 percent.
- f. A maximum quantity of 5.3 gallons of liquids and 44 pounds of total liquids and solids shall be allowed at a workstation **where** conditions are in accordance with ~~Section 2705.2.3.5~~ Section 2705.2.3.4.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**FOURTH PRINTING (Updated May 10, 2016)**

## CHAPTER 28

### LUMBER YARDS AND AGRO INDUSTRIAL, SOLID BIOMASS AND WOODWORKING FACILITIES

**2801.1 Scope.** The storage, manufacturing and processing of solid biomass feedstock, timber, lumber, plywood, ~~nonmetallic pallets,~~ veneers and agro-industrial byproducts shall be in accordance with this chapter.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## CHAPTER 33 FIRESAFETY DURING CONSTRUCTION AND DEMOLITION

**[BS BE] 3311.1 Stairways required.** Where a building has been constructed to a *building height* of 50 feet (15 240 mm) or four stories, or where an existing building exceeding 50 feet (15 240 mm) in *building height* is altered, not less than one temporary lighted *stairway* shall be provided unless one or more of the permanent *stairways* are erected as the construction progresses.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**FIRST PRINTING (Updated October 30, 2014)**

## **CHAPTER 37 COMBUSTIBLE FIBERS**

**3703.7.2 Open flames.** Open flames and high-temperature devices shall not be used in a manner that creates a hazardous condition ~~and shall be listed for use with the materials stored or used~~. High-temperature devices and those devices utilizing an open flame shall be listed for use with the materials stored or used.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

Second PRINTING (Updated June 3<sup>rd</sup>, 2015)

## CHAPTER 50 HAZARDOUS MATERIALS – GENERAL PROVISIONS

Table 5003.1.1(1) First column “Combustible fibers” the footnote should be “q”

Combustible fiber<sup>q9</sup>

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**FIRST PRINTING (Updated October 30, 2014)**

## CHAPTER 57 FLAMMABLE AND COMBUSTIBLE LIQUIDS

**5704.2.7.5.8 Overfill prevention.** An *approved* means or method in accordance with Section ~~5704.2.9.7.6~~ 5704.2.9.7.5 shall be provided to prevent the overfill of all Class I, II and IIIA liquid storage tanks. Storage tanks in refineries, bulk plants or terminals regulated by Section 5706.4 or 5706.7 shall have overfill protection in accordance with API 2350.

An *approved* means or method in accordance with Section ~~5704.2.9.7.6~~ 5704.2.9.7.5 shall be provided to prevent the overfilling of Class IIIB liquid storage tanks connected to fuel-burning equipment inside buildings.

**Exception:** Outside above-ground tanks with a capacity of 1,320 gallons (5000 L) or less.

**5704.2.9.5.2 Fill pipe connections.** Fill pipe connections for tanks storing Class I, II and IIIA liquids and Class IIIB liquids connected to fuel-burning equipment shall be in accordance with Section ~~5704.2.9.7.7~~ 5704.2.9.7.6.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## CHAPTER 61 LIQUEFIED PETROLEUM GASES

**6104.3.2 Special hazards.** LP-gas containers shall be located with respect to special hazards including, but not limited to, above-ground flammable or *combustible liquid* tanks, oxygen or gaseous hydrogen containers, flooding or electric power lines as specified in Section ~~6.4.5~~ 6.4.4 of NFPA 58.



# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

**FIRST PRINTING (Updated October 30, 2014)**

## CHAPTER 63

### OXIDIZERS, OXIDIZING GASES AND OXIDIZING CRYOGENIC FLUIDS

**6303.2 Class 1 oxidizer storage configuration.** The storage configuration of Class ~~1~~1 liquid and solid oxidizers shall be as set forth in Table 6303.2.

# 2015 International Fire Code Errata

(Portions of text and tables not shown are unaffected by the errata)

FIRST PRINTING (Updated October 30, 2014)

## APPENDIX K CONSTRUCTION REQUIREMENTS FOR EXISTING AMBULATORY CARE FACILITIES

**K104.1 Size of doors.** The minimum width of each door opening shall be sufficient for the *occupant load* thereof and shall provide a clear width of not less than 28 inches (711 mm). Where this section requires a minimum clear width of 28 inches (711 mm) and a door opening includes two door leaves without a mullion, one leaf shall provide a clear opening width of 28 inches (711 mm). In ambulatory care facilities, doors serving as *means of egress* from patient treatment rooms shall provide a clear width of not less than 32 inches (813 mm). The maximum width of a swinging door leaf shall be 48 inches (1219 mm) nominal. The height of doors openings shall be not less than 80 inches (2032 mm).

### Exceptions:

1. Door openings to storage closets less than 10 square feet (0.93 m<sup>2</sup>) in area shall not be limited by the minimum width.
2. Width of door ~~leafs~~ leaves in revolving doors that comply with Section ~~4008.1.4.1~~ 1010.1.4.1 shall not be limited.
3. *Exit access* doors serving a room not larger than 70 square feet (6.5 m<sup>2</sup>) shall be not less than 24 inches (610 mm) in door width.
4. Door closers and door stops shall be permitted to be 78 inches (1980 mm) minimum above the ~~door~~ floor.