

# ERRATA TO THE 2000 INTERNATIONAL FIRE CODE

## Fourth Printing, January 2002

Updated March 29, 2002

### Table 2306.2 General Fire Protection and Life Safety Requirements

In column 2 (Size of High Piled Storage Area), in the last cell opposite Commodity Class I-IV, the text should read: “Greater than 500,000<sup>g</sup>”

## Third Printing, July 2001

(See also Fourth Printing, January 2002)

### Section 803.2.1, Exception 2.

Revise 3<sup>rd</sup> line to read “provided it is not less than 20 pounds....”.

### Section 803.7.1 Upholstered furniture classification.

Change reference NFPA 261 to NFPA 260.

### Section 1003.3.1 Doors.

Revise 2<sup>nd</sup> line of the 2<sup>nd</sup> paragraph to read “from the adjacent construction and finishes such that the doors are easily recognizable as doors.”

### Section 3904.1.8 Storage arrangement.

Change the table reference in the text from 3904.1.2 to 3904.2.4.

### Table 4004.1.2 Oxidizer Liquids and Solids—Separation of Detached Buildings and Outdoor Storage Areas to Exposures.

For Class 4 Oxidizers, in the WEIGHT column, revise the 4<sup>th</sup> line to read: 1,001 to 3,000.

### Section 4102.1 Definition.

In the definition of PYROPHORIC, change the temperature to 130°F (54°C).

### Appendix D Figure D103.1 95 Diameter Cul-de-sac

Change 95' to 96' in the figure and title.

### Appendix D Figure D103.1 Minimum Clearance Around a Fire Hydrant

Change 28' to 26'.

**Second Printing, November 2000**

(See also Third Printing, July 2001)

**Section 906.1 Where required.**

Revise to read as follows:

1. In all Group A, B, E, F, H, I, M, R-1, R-2, R-4, and S occupancies.  
**Exception:** In all Group A, B, and E occupancies equipped throughout with quick response sprinklers, fire extinguishers shall be required only in special hazard areas.
2. Within 30 feet (9144 mm) of commercial cooking equipment.
3. In areas where flammable or combustible liquids are stored, used or dispensed.
4. On each floor of structures under construction, except Group R-3 occupancies, in accordance with Section 1414.1.
5. Where required by the sections indicated in Table 906.1.
6. Special-hazard areas, including but not limited to laboratories, computer rooms, and generator rooms where required by the code official.

**Section 1003.3.4.1 Slope.**

Revise 2<sup>nd</sup> line to read “Group A shall comply with Section 1008.9.”

**Section 1004.2.4.2 Exterior egress balcony increase.**

Revise 6<sup>th</sup> line to read “with Section 1004.3.3. The length of such balcony shall...”

**Section 1004.3.1.3 Seating at tables.**

Revise the 3<sup>rd</sup> line to read “measured from the back of the seat.”

**Section 1008.7 Assembly aisles required.**

Revise 6<sup>th</sup> line to read “comply with Section 1004.3.1.3.”

**Section 1008.10 Seat stability.**

Delete the 2<sup>nd</sup> sentence in its entirety.

**Section 2306.10 Portable Fire Extinguishers.**

Revise second line to read “extinguishers shall be provided in accordance with Section 906”.

**Table 2703.1.1(2) Maximum Allowable Quantity Per Control Area of Hazardous Material Posing a Health Hazard<sup>a,b,c,j</sup>**

Revise the row for Corrosive, under Storage/Gas cubic feet and Use-Closed System/Gas cubic feet, the entry should read: “810<sup>fg</sup>”

**Table 3304.5.2(1) Application of Separation Distance Table<sup>a</sup>.**

Revise the 2<sup>nd</sup> column heading cell to refer to the “American Table....Materials 3304.5.2(2)....”

Revise the 3<sup>rd</sup> column heading cell to refer to the “Table of...Explosives 3304.5.2(3)...”

**Section 3404.4.3 Spill control and secondary containment.**

Revise the third line to read “containment in accordance with Section 3403.4”.

**Section 3405.2.4 Class I and II liquids.**

Revise to read as follows:

**3405.2.4 Class I and II liquids.** Class I and II liquids shall be transferred by one of the following methods.

**Exception:** Liquids in containers not exceeding 5.3-gallon (20 L) capacity.

1. From safety cans complying with UL 30.
2. Through an approved closed piping system.
3. From containers or tanks by an approved pump taking suction through an opening in the top of the container or tank.
4. For Class I-B, I-C, II and III liquids, from containers or tanks by gravity through an approved self-closing or automatic-closing valve when the container or tank and dispensing operations are provided with spill control and secondary containment in accordance with Section 3403.4. Class I-A liquids shall not be dispensed by gravity from tanks.
5. Approved engineered liquid transfer systems.

**Section 3803.2.2 Industrial vehicles and floor maintenance machines.**

Revise the 3<sup>rd</sup> line to read “...machines shall comply with NFPA 58, Sections 8-3 and 8-4.”

**First Printing, December 1999**  
(See also Second Printing, November 2000)

**Section 105.1.2 Construction permit.**

Delete “105.6” and replace with “105.7” in Item 2

**Section 105.6.17 Flammable and combustible liquids.**

Delete “(see Section 3501.1.2)” and “(see Section 3503.6)” as they appear in Item 1.

**Section 202.1/OCCUPANCY CLASSIFICATION**

Delete the “[B]” preceding the heading OCCUPANCY CLASSIFICATION

**Section 202.1/ Definition of OCCUPANCY CLASSIFICATION/Hazardous Group H**

Delete the “[B]” preceding the definition **Hazardous Group H** title

Delete the phrase “through 307.7(4)” and replace it with “and 307.7(2) in the next to last line of the definition.

**Section 202.1/Definition of OCCUPANCY CLASSIFICATION/Group H-3 structures.**

Delete "Aerosols, Level 2 and Level 3", which begins the listing following the first paragraph.

**Section 202.1/Definition of OCCUPANCY CLASSIFICATION/Miscellaneous Group U.**

Insert "[B]" preceding the "Miscellaneous Group U" title.

**Section 202.1 Definition of REGISTERED DESIGN PROFESSIONAL**

Insert "[B]" preceding the definition title.

**Section 202.1 Definition of TIRES, BULK STORAGE OF**

Delete the definition text and replace with "See Section 902.1".

**Section 313.1 Vehicle storage.**

Revise Exception 1, line 3 to read: "in accordance with Section 8-4 of NFPA 58 shall not"

**Section 404.2 Where required.**

Revise item 9, line 1 to read: "Covered malls exceeding 50,000 square feet (4645 m<sup>2</sup>)"

**Table 405.2 Fire and Evacuation Drill Frequency and Participation.**

Delete footnote "a" reference in the title block "FREQUENCY"

**Section 507.2.2 Interior access to shaftways.**

Delete "from the outside of the building" in the last line.

**Section 603.5.2 Heating appliance installation.**

Revise the 4<sup>th</sup> line to read: "*International Mechanical Code, the International Fuel Gas Code and the ICC Electrical*"

**Section 603.6.1 Masonry chimneys.**

Revise the 5<sup>th</sup> line to read: "dangerous, shall be repaired or relined..."

**Section 604.2.10 Highly toxic and toxic materials.**

Delete "3704.2.9 and 3704.3.7" and replace with "3704.2.2.8 and 3704.3.2.6" in the third line.

**Section 604.2.12 Pyrophoric materials.**

Delete "pyrophoric materials" and replace with "silane gas" in the second line.

**Section 606.8 Refrigerant detector.**

Delete "1106.8" and replace with "1106.3" in the Exception.

**Section 901.4.2 Nonrequired fire protection systems.**

Delete "permitted" and replace with "allowed" in the third line.

**Section 901.5 Installation acceptance testing.**

In the fourth line, change "main" to "mains"

**Section 902.1 Definitions.**

Add new definition: **TIRES, BULK STORAGE OF.** Storage of tires where the area available for storage exceeds 20,000 cubic feet (566 m<sup>3</sup>).

**Section 903.2.6.1 High-piled storage.**

Change the chapter reference in line two from “24” to “23”

**Section 903.2.9 Group R-4.**

Revise Exception as follows: Group ~~R-4~~ R-4 facilities.

**Section 903.2.10 Group S-1.**

Add new sub-section to read: **903.2.10.2 Bulk storage of tires.** Buildings and structures where the area for the storage of tires exceeds 20,000 cubic feet (566 m<sup>3</sup>) shall be equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.1.

**Table 903.2.15 Additional Required Fire-Extinguishing Systems.**

In the SECTION column, delete “3704.2.7” and replace with “3704.2.2.6” for gas rooms for toxic and highly toxic gases and delete “3704.3.9” and replace with “3704.3.3” for outdoor storage of toxic and highly toxic gases.

**Section 903.4 Sprinkler system monitoring and alarms.**

Add “NFPA” before “13R” in Exception 3.

**Section 905.10 During construction.**

Delete “1512” and replace with “1412” in the last line

**Section 907.2.1 Group A.**

Add the word “system” after “fire alarm” in the next to last line of the section

**Section 907.2.13.2 Atriums connecting more than two stories.**

Change “connect” to “connects” in the third line

**Section 907.2.23 Battery rooms.**

Delete “100 gallons (378.5 L)” and replace with “50 gallons (189 L)” in the fourth line.

**Section 909.1 Scope and purpose.**

Revise the third line to read “for new buildings or portions thereof by provisions of the *International Building Code* or this code.”

**Section 909.2 General design requirements.**

Revise the second line to read: “structures, or parts thereof required by the *International Building Code* or this code to have...”

**Section 910.2.3 Design and installation.**

Revise the third line to read “rack storage in any occupancy group when required by”.

**Section 1003.2.10.5 Power source.**

Delete “enure” and replace with “ensure” in the second line.

**Section 1003.2.12.2 Opening limitations.**

Delete the second sentence (“See Section 1003.2.12.3 for climbing limitations.”) in its entirety.

**Section 1003.2.13.1.1 Buildings with four or more stories.**

Revise Exception 2 to read as follows:

In buildings equipped throughout with an automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2 the elevator shall not be required on floors provided with a ramp conforming to the provisions of Section 1003.3.4.

**Section 1003.3.1.2 Door swing.**

Revise Exception 3 by deleting the phrase “or Group R-4 occupancies” in the third line.

**Section 1003.3.3.3 Stair treads and risers.**

Revise Exception 4 in the first line to read: “Aisle stairs in assembly seating”

Revise Exception 6 to read: “The replacement of existing stairways in accordance with Section 1010.10.”

**Section 1010.16.4 Access.**

Delete “1003.2.3.1” and replace with “1003.2.3” in the fourth line.

**Table 1804.2.1 Quantity Limits for Hazardous Materials in a Single Fabrication Area in Group H-5<sup>a</sup>**

On the line for “Flammable Gas-Gaseous” in the column labeled “GAS”, revise the reference from “Note b” to “Note c”.

**Section 2206.2.3 Above-ground tanks located outside, above grade.**

Revise line 3 to read: “of Class I, II or IIIA liquid motor fuels except as provided”.

Revise ITEM 1, line 2 to read: “storage of Class I liquids shall be listed and labeled”

Split ITEM 2 and make it two separate ITEMS as follows:

2. “ Above-ground tanks .....with Table 2206.2.3.”

3. “ Tanks containing.....(30 480 mm).”

Renumber ITEM 3 as Item 4.

**Section 2206.6.2 Piping, valves, fittings and ancillary equipment for above-ground tanks for Class I, II and IIA liquids.**

Revise line 2 of the section title to read: “for above-ground tanks for Class I, II and IIIA liquids.

**Section 2208.8 Discharge of CNG from motor vehicle fuel storage.**

Revise the 5<sup>th</sup> line to read: “accordance with Sections 2208.8.1 through 2208.8.1.2.6.”

### Section 2301.1 Scope.

Revise Item 6 as follows:

**2301.1 Scope.** High-piled combustible storage shall be in accordance with this chapter. In addition to the requirements of this chapter, the following material-specific requirements shall apply:

1. through 4 (No change; #5 shown for clarity)
5. Storage of combustible fibers shall be in accordance with Chapter 29.

Storage of miscellaneous combustible material shall be in accordance with Chapter 3.

### Section 2702.1 Definition of HAZARDOUS MATERIALS

In the third line of the definition, change the chapter reference from “28” to “27”.

### Section 2702.1 Definition of MAXIMUM ALLOWABLE QUANTITY PER CONTROL AREA.

Revise as follows:

Add “area” after “allowable quantity per control” in the second sentence, 5<sup>th</sup> line.

Delete the last sentence: The term “maximum allowable quantity per control area” has the same meaning as the term “exempt amount” found in the *International Building Code*.”

### Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>

Revise the line for Oxidizer Class 4 in the “Use-Open Systems--Liquid gallons” column to read: “(0.25)<sup>g</sup>”

Revise the line for Organic Peroxide in the “Class” column by deleting the “U” and replacing it with “UD”

### Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>

In the COMBUSTIBLE LIQUID- Class IIIB, ORGANIC PEROXIDE- Classes IV & V, UNSTABLE (REACTIVE)- Class 1 and WATER REACTIVE- Class 1 rows in the column labeled “GROUP WHEN THE MAXIMUM ALLOWABLE QUANTITY IS EXCEEDED”, insert “N/A”

### Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>

In the ORGANIC PEROXIDE row in the column labeled STORAGE-Solid Pounds (cubic feet), in the line for UD, the entry should read “1<sup>eg</sup>”.

**Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>**

In the COMBUSTIBLE LIQUID row in the column labeled “GROUP WHEN THE MAXIMUM ALLOWABLE QUANTITY IS EXCEEDED” ...move the entries in the cell UP one line so that Class II = H-2 or H-3 and Class III = H-2 or H-3.  
[Class IIIB has no Group].

**Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>**

In the WATER REACTIVE row in the column labeled “GROUP WHEN THE MAXIMUM ALLOWABLE QUANTITY IS EXCEEDED” ...move the entries in the cell UP one line so that Class 3 = H-2; Class 2 = H-3.  
[Class 1 has no Group].

**Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>**

In the ORGANIC PEROXIDE row in the column labeled “GROUP WHEN THE MAXIMUM ALLOWABLE QUANTITY IS EXCEEDED” ...move all entries in the cell UP one line so that UD = H-1; Class I = H-2; Class II = H-3 and Class III = H-3. [Class IV and V have no Group].

**Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>**

In the UNSTABLE REACTIVE row in the column labeled “GROUP WHEN THE MAXIMUM ALLOWABLE QUANTITY IS EXCEEDED” ...move the entries in the cell UP one line so that Class 4 = H-1; Class 3 = H-1 or H-2; Class 2 = H-3. [Class 1 has no Group].

**Table 2703.1.1(1) Maximum Allowable Quantity Per Control Area of Hazardous Materials Posing a Physical Hazard<sup>a,l,m</sup>**

Revise the item for ORGANIC PEROXIDE in the 12<sup>th</sup> row, under class in the second column to read ~~UD~~UD.

**Table 2703.1.1(2) Maximum Allowable Quantity Per Control Area of Hazardous Material Posing a Health Hazard<sup>a,b,c,j</sup>**

Revise the row for Highly Toxic in the column headed “Use - Open Systems/Liquid Gallons” to read: “(3)<sup>i</sup>”

**Section 2703.11.3.6 Container size. (*Fix typo.*)**

Revise the section title by deleting “2704.11.3.6” and replacing it with “2703.11.3.6”

**Table 2704.2.2 Required Secondary Containment–Hazardous Material Solids and Liquids Storage.**

Revise the row for Cryogenic Fluids in the column headed “Outdoor Storage/Liquid” by changing the reference to read “See Chapter 32”.

**Table 2704.14 Required Detached Storage.**

Revise the row for Oxidizer, liquids and solids in the column headed "Class" by changing "Class 4" to "Class 2".

**Section 2705.4.2 Quantities not exceeding the maximum allowable quantity per control area.**

Add "allowable" between "maximum quantity" in the 8<sup>th</sup> line.

**Table 2705.2.1.4 Required Secondary Containment–Hazardous Material Solids and Liquids Use.**

Revise all references to "Chapter 33" to read "Chapter 32"

Revise all references to "Chapter 34" to read "Chapter 33"

Revise all references to "Chapter 35" to read "Chapter 34"

**Section 2904.2 Storage of 100 cubic feet and less.**

Revise section title to read: "Storage of 100 cubic feet or less."

**Section 3203.4.2 Identification of contents.**

Revise the 4<sup>th</sup> line to read: "placarded in accordance with Sections 2703.5 and 2703.6".

**Section 3304.5.3 Special requirements for Type 3 magazines.**

Revise the section text to read: "Type 3 magazines shall comply with Sections 3304.5.3.1 through 3304.5.3.3."

**Section 3403.2.9.1.2 Foam fire protection system installation.** (*Fix typo*)

Revise Section number before title to read "3404.2.9.1.2"

**Section 3404.2.10.5 Equipment, controls and piping in diked areas.**

Revise Exception 1 in the third line to read: "protected by intermediate diking, berms, drainage"

**Section 3406.6 Tank vehicles and vehicle operation.**

Delete "3406.6.5" in the last line and replace with "3406.6.4"

**Section 3703.1 Indoor storage and use.**

Delete "3703.4.2.1" in the last line and replace with "3703.1.5.3"

**Section 3703.1.2 Quantities exceeding the maximum allowable quantity per control area.**

Revise the last line to read as follows: "Sections 3701, 3703.1.3 through 3703.1.5.3 and Chapter 27."

**Section 3704.2 Indoor storage and use.**

Revise the last line to read: "Sections 3704.2.1 through 3704.2.2.10.3."

## Chapter 45 Referenced Standards

### ANSI:

< A13.1-96-Delete "2702.3.2.2.1" and replace with "2703.2.2.1"

### API:

< 2028-91-Delete "3404.2.7.2.3" and replace with "3404.2.7.3"

### ICC:

< EC-2000-Delete "3704.2.9" and replace with "3704.2.2.8"

< IMC-2000-Delete "1004.3.3.5" and replace with "1004.3.2.4"

Delete "3703.2" and replace with "3703.1.3"

Delete "3703.5.4" and replace with "3703.2.3.2"

Delete "3704.2.8" and replace with "3704.2.2.7"

### Appendix B Section B102.1

Add the word "**Definitions**" to the title, after "B102.1"

### Appendix D Table D103.4 Requirements for Dead-End Fire Apparatus Access Roads

Revise the 3<sup>rd</sup> cell in the column headed "Length" to read "151-500".

### Appendix D D104.1 Building exceeding three stories/30 feet in height.

Revise the title to read: Buildings exceeding three stories or 30 feet in height."