

Agenda Item # 44

Distribution:
County Board
County Administrator
Planning Building & Development
State's Attorney

STATE OF ILLINOIS)
)SS
COUNTY OF LAKE)

COUNTY BOARD, LAKE COUNTY, ILLINOIS
REGULAR NOVEMBER 14, 2006 SESSION
Date

MADAM CHAIRMAN AND MEMBERS OF THE COUNTY BOARD:

Your Planning, Building and Zoning Committee.
present herewith an Ordinance amending the **BOCA National Fire Prevention Code, 1999**
and request its adoption.

Respectfully submitted

Aye Nay

Judy Martine
Chairman

Vice-Chairman

James L. Brewster

Robert Sabony

[Signature]

Stewart M. ...

Planning, Building, & Zoning Committee

ORDINANCE AMENDING THE BOCA NATIONAL FIRE PREVENTION CODE 1999,
BY THE COUNTY OF LAKE, ILLINOIS

WHEREAS, this County Board has heretofore adopted the BOCA National Fire Prevention Code, 1999; and

WHEREAS, your Planning, Building and Zoning Committee and your Director of the Lake County Planning Building and Development Department and the Building Official recommend the update of the BOCA National Fire Prevention Code 1999, (as amended) to reflect the more current referenced standards here in Lake County be adopted; and

WHEREAS, three (3) copies of said BOCA National Fire Prevention Code, (as amended) have been filed in the Office of the Lake County Clerk pursuant to 55 ILCS 5/5-6002, in compliance with the time frame set out therein.

NOW, THEREFORE, BE IT ORDAINED by the County Board of Lake County, Illinois as follows;

Section 1. Effective December 1, 2006 upon passage of this Ordinance, the BOCA National Fire Prevention Code 1999 (as amended), be and is hereby adopted by reference in unincorporated Lake County, Illinois pursuant to 55 ILCS 5/5-6002 through 5-6006. Applicable amendments to this code are attached hereto and made part hereof.

Section 2. The Division of Building and Code Enforcement shall enforce said code, (as amended), within the Division's areas of jurisdiction.

Section 3. The penalty for violation of any of the provisions of the BOCA National Fire Prevention Code 1999, (as amended), shall be a fine not to exceed five hundred dollars (\$500.00) and that each week that the violation exists shall be a separate offense. Nothing herein, however, shall preclude enforcement proceedings by means other than a fine, including injunction proceedings.

ASME

American Society of Mechanical Engineers
 Three Park Avenue
 New York, NY 10016-5990

Standard Referenced	Title	Reference in code number Section number
A 17.1 - 96 04	Safety Code for Elevators and Escalators -with A17.1a-97 Addendum	F-313.1

ASTM

American Society for Testing and Materials
 100 Barr Harbor Drive
 West Conshohocken, PA 19428-2956

Standard Referenced	Title	Reference in code number Section number
A106 - 97a	Specification for Seamless Carbon Steel Pipe for High-Temperature Service	F-2318.2.2
D56-97a 02a	Test Method for Flash Point by Tag Closed Tester	F-3202.1
D86 - 97 04a	Method for Distillation of Petroleum Products.	F-3202.1
D93-97 02a	Test Method for Flash Point by Pensky-Martens Closed Cup Tester	F-3202.1
D323 - 94	Test Method for Vapor Pressure of Petroleum Products (Reid Method)	F-2702.1
D 1784 - 97	Specification For Rigid Poly (Vinyl Chloride) (PVC) Compounds and Chlorinated Poly (Vinyl Chloride) (CPVC)Compounds	F-2318.2.2
D4021 - 92	Specification for Glass-Fiber-Reinforced Polyester Underground Petroleum Storage Tanks	Table F-3204.1
E84-9801 04	Test Method for Surface Burning Characteristics of Building Materials	F-202.0 F-2709.1.1, F-2710.1.1, F-3403.2.1, F-4002.2.1, F-4202.2.1
E136 - 9801	Test Method for Behavior of Materials in a Vertical Tube Furnace at 750. C	F-202.0

**Codes
ICC**

International Code Council
 5203 Leesburg Pike, Suite 600
 Falls Church, VA 22041

Standard Referenced	Title	Reference in code number Section number
IBC-06	International Building Code	F-102.3 F-110.3, F-110.3.1, F-201.3, F-202.0, F-301.2, F-303.2, F-303.3, F-303.4.1, F-303.4.5, F-304.3, F-306.1, F-308.1, F-314.2, F-315.6, F-501.2.1, F-501.3, F-503.1, F-503.2.1, F-503.3, F-503.4.1, F-503.5, F-516.1, F-516.5, F-518.1, F-601.6, F-601.7, F-603.2,

F-606.1.1, F-606.2, F-606.4, F-607.1, F-607.3, F-607.4, F-608.3, F-608.4, F-608.5, F-610.1, F-610.2, F-610.3, F-611.4, F-706.5, F-706.6, F-707.1, F-802.3, F-902.3, F-1002.1, F-1103.1, F-1303.1, F-1304.2, F-1305.2, F-1501.1, F-1501.3, F-1503.1, F-1506.1, F-1508.1, F-1904.1, F-2001.3, F-2207.3.2, F-2208.4, F-2305.1, F-2307.1, Table F-2307.2, F-2311.6, F-2314.5, F-2314.6, F-2317.3.1, F-2318.1, F-2318.1.1, Table F-2318.1 (1), Table F-2318.1 (2), F-2318.2.1, F-2318.2.2, F-2318.1.1, F-2319.1, F-2319.2.3, F-2319.3.3, F-2320.1, F-2401.1, F-2403.4.3, F-2603.3, F-2603.4, F-2701.1, F-2704.1.8, F-2704.2.8, F-2704.4.6, F-2705.3, F-2709.1.4, F-2710.1.4, F-2903.3.1, F-3203.1, F-3203.7, F-3204.1, F-3205.6, F-3206.1, F-3207.4, F-3703.2.2, F-3703.2.5, F-3703.2.6, F-3803.2.1.1, F-3803.4, F-3803.2.5, F-4002.2.3, F-4202.2.5, F-4303.2.6, F-4303.2.7

IMC-06 ICC International Mechanical Code

F-201.3 F-308.1, F-308.4, F-309.1.1, F-309.2, F-315.7, F-503.6, F-1002.4.2, F-1002.4.4, F-1103.1, F-1304.6, F-1304.9.3.2, F-1304.10, F-1305.3, F-1504.3.1.1, F-1602.3, F-2317.2.1, F-2318.2, F-2903.2, F-3201.1, F-3201.5, F-3203.7.2, F-3205.2, F-3205.6, F-3206.4, F-3206.8, F-3403.2.3.1, F-4303.2.8

CPSC Consumers Products Safety Commission
Office of the Secretary
Washington, DC 20207

Standard Referenced	Title	Reference in code number Section number
16 CFR;		
1500.41- 73 84	Method of Testing Primary Irritant Substances.	F-3502.1 16 CFR;
1500.42- 73 84	Test for Eye Irritants	F-3502.1 16 CFR
1500.44- 73 84	Method for Determining Extremely Flammable and Flammable Solids	F-3302.1
16 CFR;		
1507-76	Fireworks Devices	F-3101.5



U.S. Department of Labor
Occupational Safety and Health Administration
C/O Superintendent of Documents
U.S. Government Printing Office
Washington, DC 20402-9325

Standard Referenced	Title	Reference in code number Section number
29 CFR; 1910.1000 - 74	Air Contaminants	F-2702.1
29 CFR; 1910.1200 -99	Hazard Communication	F-2302.1



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

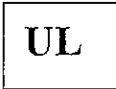
Standard Referenced	Title	Reference in code number Section number
49 CFR; 100-185 - 97 & 186-199 - 97	Specification for Transportation of Explosive and Other Dangerous Articles, Shipping Containers	F-2205.13, F-2304.1, F-2703.2, F-2703.3, F-2905.2, F-2905.3, F-3001.1, F-3001.2.1, F-3002.1, F-3004.19, F-3005.3, F-3005.7, F-3005.8, F-3007.3, F-3105.5, F-3603.1 F-4302.1
49 CFR; 172 - 76	Hazardous Materials	F-2302, F-4302.1
49 CFR; 173 - 82	Shippers - General Requirements for Shipments and Packagings	



National Fire Protection Association
 Batterymarch Park
 Quincy, MA 02269

Standard Referenced number	Title	Reference in code Section number
10-98 02	Portable Fire Extinguishers	F-519.2
11-98 02	Low Expansion Foam	F-507.1
11A-94 99	Medium- and High-Expansion Foam Systems	F-507.1
12-98 00	Carbon Dioxide Extinguishing Systems	F-508.1
12A-97 04	Halon 1301 Fire Extinguishing Systems	F-509.1
13-96 02	Installation of Sprinkler Systems	Table F-2403.3.2 F-2405.3.1, F-3403.3.1
16-95 03	Installation of Deluge Foam-Water Sprinkler and Foam-Water Spray Systems	F-507.1
17-98 02	Dry Chemical Extinguishing Systems	F-511.1
17A-98 02	Wet Chemical Extinguishing Systems	F-512.1
20-96 03	Installation of Centrifugal Fire Pumps	F-516.1
22-98 03	Water Tanks for Private Fire Protection	F-517.1
24-95 02	Installation of Private Fire Service Mains	F-517.2 F-2314.10
25-9702	Inspection, Testing and Maintenance of Water-Based Fire Protection Systems	F-506.1, F-516.6, F-517.3, F-518.2
30-96 03	Flammable and Combustible Liquids Code	F-2403.2 F-2403.5, F-3201.1, F-3201.4, F-3201.5, F-3203.2, F-3204.1, F-3205.2
30A-96 03	Automotive and Marine Service Station Code	F-2320.3 F-3201.1, F-3201.5, F-3204.1, F-3205.2, F-3206.1, F-3207.5
30B-98 02	Manufacture and Storage of Aerosol Products	F-2401.1 F-2401.3, F-2403.1, Table F-2403.3.1, Table F-2403.3.2, Table F-2403.3.2.2, F-2403.4.1, F-2403.5.2, F-2403.6, F-2405.3.2 F-3207.3
31-97 01	Installation of Oil-Burning Equipment	F-1103.2
32-96 00	Dry cleaning Plants	
33-95 03	Spray Application Using Flammable and Combustible Materials F-1303.1	
34-95 03	Dipping and Coating Processes Using Flammable or Combustible Liquids F-1303.1	
35-95 99	Manufacture of Organic Coatings	F-1902.1 40-97 Storage and Handling of Cellulose Nitrate Motion Picture Film F-2503.1
42-97	Storage of Pyroxylin Plastics	F-2502.1
50-96	Bulk Oxygen Systems at Consumer Sites	F-2701.1 F-2703.2, F-2707.2, F-2901.1, F-2903.2
50A-94 01	Gaseous Hydrogen Systems at Consumer Sites	F-2701.1 F-2703.2, F-2705.2, F-2901.1
50B-94	Liquefied Hydrogen Systems at Consumer Sites	F-2901.1 F-2903.2
51-97 02	Design and Installation of Oxygen-Fuel Gas Systems for Welding, Cutting, and Allied Processes	F-2203.1

51B-94	Fire Prevention in Use of Cutting and Welding Processes	F-2203.1
52-98 02	Compressed Natural Gas (CNG) Vehicular Fuel Systems	F-3607.2
54-96	National Fuel Gas Code	F-308.1
58-98 04	Storage and Handling of Liquefied Petroleum Gases	F-3601.1, F-3605.1, F-3606.1, F-3607.1, F-3609.1, F-3609.4, Table F-3609.5
59 -98	Storage and Handling of Liquefied Petroleum Gases at Utility Gas Plants	F-3601.1
59A -96	Production, Storage and Handling of Liquefied Natural Gas (LNG)	F-2903.2
61-95 02	Prevention of Fire and Dust Explosions in Agricultural and Food Products Facilities	F-1202.1
69-97 02	Explosion Prevention Systems	F-1202.1
70-99 05	National Electrical Code	F-310.4, F-1002.3, F-1203.1, F-1303.3, F-1304.5, F-1304.10.3, F- 1305.6.1, F-1305.6.3, F-1403.2.1, F- 1504.3.2, F-1504.5, F-1505.2, F-1508.2.2, F-1903.1, F-2205.3.1, F-2317.3, F-2317.3.1, F-2318.5, F-2318.7, F-3206.8, F-513.1, F-514.1, F-515.1
72-96 02	National Fire Alarm Code	F-303.4.4
80-95 99	Fire Doors and Windows	F-3206.1
88B-97	Repair Garages	F-1202.1, F-1603.1, F-1603.2
91- 95	Exhaust Systems for Air Conveying of Materials	F-2701.1, F-2703.2, F-2706.3
99-96 02	Health Care Facilities	F-2001.3
102 - 95	Assembly Seating, Tents, and Membrane Structures	F-1202.1
120-94	Coal Preparation Plants	F-308.1
211-96 03	Chimneys, Fireplaces, Vents and Solid Fuel-Burning Appliances	F-307.3
261-98 03	Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes	F-3206.1
303-95 00	Marinas and Boat yards	F-3210.1.1, F-3210.1.2
385-90 00	Tank Vehicles for Flammable and Combustible Liquids	F-802.1
407-96 01	Aircraft Fuel Servicing	F-3701.1, F-3703.1
432-97	Storage of Organic Peroxide Formulations	F-3301.1
480-93	Storage, Handling and Processing of Magnesium Solids and Powders	F-1202.1
490-93 02	Storage of Ammonium Nitrate	F-3001.1, F-3004.8
495-93 01	Explosive Materials Code	
651- 98	Machining and Finishing of Aluminum and the Production and Handling of Aluminum Powders	F-1202.1 F-3301.1
654-94 00	Prevention of Fire and Dust Explosions in the Chemical, Dye, Pharmaceutical, and Plastics Industries	F-1202.1
655-93 01	Prevention of Sulfur Fires and Explosions	F-1202.1
664-93 02	Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities	F-1603.1 F-1603.2
701-95 99	Methods of Fire Tests for Flame-Resistant Textiles and Films	F-306.1 F-306.4
704-96 01	Identification of the Fire Hazards of Materials	F-1502.1, F-2308.1, F-2311.3, F-2311.5, F-2311.6, F-2313.2.6.1, F-2318.2.2, F-2318.9, F-2319.2.1, F-2319.2.2, F-2320.2
1123-95 00	Fireworks Display	F-3105.1
1124-98 03	Manufacture, Transportation and Storage of Fireworks	F-3103.1
8503-97	Pulverized Fuel Systems	F-1202.1



Underwriters Laboratories Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096

Standard Referenced Title	Reference in code number Section number
58-96 Standard for Safety for Steel Underground Tanks for Flammable and Combustible Liquids	TableF-3204.1
80-96 Standard for Safety for Steel Tanks for Oil-Burner Fuel Table	F-3204.1
142-93 Standard for Safety for Steel Aboveground Tanks for Flammable and Combustible Liquids	TableF-3204.1
443-95 Standard for Safety for Steel Auxiliary Tanks for Oil-Burner Fuel	Table F-3204.1
1316-94 Glass-Fiber-Reinforced Plastic Underground Storage Tanks for Petroleum Products, Alcohols, and Alcohol-Gasoline Mixtures	TableF-3204.1
1746-93 External Corrosion Protection Systems for Steel Underground Storage Tanks	F-3208.8
1975-90 Fire Tests for Foamed Plastics Used for Decorative Purposes	F-306.1.1



United States Code
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U.S. Government Printing Office
Washington, DC 20402-9325

Standard Referenced Title	Reference in code number Section number
Title 18 USC Part 1 Chapter 40-70 Importation, Manufacture, Distribution and Storage of Explosive Materials	F-3002.1
