
Chapter 10 FIRE PROTECTION AND PREVENTION*

**Editor's note: Ord. No. 5432, adopted May 26, 1998, repealed former ch. 10, §§ 10-1 and 10-2 as herein set out. Former ch. 10 pertained to similar subject matter, c Ord. No. 4898, adopted July 28, 1992.*

Cross references: Fire department, § 2-116 et seq.; buildings and structures, Ch. 5; housing, maintenance standards for nonresidential buildings, Ch. 15.

Sec. 10-1. Adoption of fire prevention code.

A certain document, three (3) copies of which are on file in the office of the City Clerk of the City of Clayton, Missouri and designated as the ICC International Fire Code, 2003 Edition, as published by the International Code Council, Inc., standards which are referenced in Chapter 45 and including Appendix Chapters B, C, D, E, F and G be and is hereby adopted as the Fire Prevention Code of the City of Clayton, Missouri, for the control of buildings and structures as herein provided; and the regulations, provisions, conditions and terms of the ICC International Fire Code/2003, First Edition are hereby referred to and made a part hereof, as if more fully set out in this Article, with the additions, insertions, deletions and changes prescribed (Ord. No. 5432 §1, 5-26-98; Ord. No. 5657 §1, 10-9-01; Ord. No. 5816 §1(10-1), 4-27-04)

Sec. 10-2. Amendments to fire prevention code.

The Fire Prevention Code adopted in Section 10-1 is hereby amended as fully set forth in the Chapters and Sections a below. The Chapter and Section numbering format of the ICC International Fire Code/2003, First Edition is used here to give the understanding of the code by maintaining a consistent format throughout the code; thus, the Chapter and Section numbering herein as changes to the ICC International Fire Code/2003, First Edition shall be consistent with said code. All amendments herein are part of Chapter ten (10) of the Municipal Code of Ordinances of the City of Clayton, Missouri, and shall be numbered with the numeral ten (10) and a hyphen precedes them.

AMENDMENTS TO THE ICC INTERNATIONAL FIRE CODE/2000, FIRST EDITION.

Section 101.1 is amended by substituting "The City of Clayton, Missouri" for [NAME OF JURISDICTION] on line two.

Section 103.1 delete existing text. Insert:

103.1 General. The Bureau of Fire Prevention is established within the jurisdiction under the direction of the code official. The duties of the bureau shall be the implementation, administration and enforcement of the provisions of this code.

Section 103.2 delete existing text. Insert:

103.2 Enforcement Official. It shall be the duty and the responsibility of the chief executive officer, designated as the fire chief, to enforce the provisions of this code. The fire chief shall be the Code Official.

Section 103.2.1 add a new Section. Insert:

103.2.1 Bureau Organization. The Bureau of Fire Prevention shall operate under the direct supervision of the fire marshal. The fire marshal shall be a uniformed member and chief officer of the fire department and operate under the direct supervision of the fire chief. The fire marshal shall be appointed on the basis of his/her administrative abilities and qualifications to understand, interpret and enforce the technical provisions of this code. All uniformed members of the fire department shall be considered members of the Bureau of Fire Prevention. The fire marshal may assign or appoint technical assistants, inspectors or other employees that may be necessary for the effective and efficient operation of the Bureau of Fire Prevention. All appointments to the bureau shall be made in conformity with the provisions of the municipal code.

Section 103.3 delete existing text. Insert:

103.3 Bureau members code enforcement duties and authority. The fire marshal and all properly assigned or appointed members of the Bureau of Fire Prevention shall have the duty to assist the fire chief in the administration and enforcement of the code. As agents of the fire chief, all properly assigned or appointed members of the Bureau of Fire Prevention shall have the exercise all of the powers of the code official as detailed within this code.

Section 104.11.4 add a new Section as follows. Insert:

104.11.4 Compliance with orders. A person shall not willfully fail or refuse to comply with any lawful order or direction of a fire official or to interfere with the compliance attempts of another individual.

Section 104.11.5 add a new Section as follows. Insert:

104.11.5 Vehicles crossing hoses. A vehicle shall not be driven or propelled over any unprotected fire hose of the fire department laid down on any street, alleyway, private drive or any other vehicular roadway without the consent of the fire official in charge of the operation.

Section 104.11.6 add a new Section as follows. Insert:

104.11.6 Vehicles following emergency apparatus. It shall be unlawful for the operator of any vehicle, other than an emergency vehicle, to follow closer than 300 feet from any fire apparatus or other emergency vehicle traveling in response to an alarm or other emergency or to drive any vehicle within the block or immediate area where a fire apparatus or other emergency vehicle has stopped in answer to a fire alarm or other emergency.

Section 104.11.7 add a new Section as follows. Insert:

104.11.7 Unlawful boarding or tampering with emergency equipment. A person shall not, without proper authorization from a fire official in charge of said fire department emergency equipment, cling to, attach oneself to, climb upon or into, board or enter any fire department emergency vehicle, whether the same is in motion or at rest; or sound the siren, horn, bell or other sound device thereon; or manipulate, remove or tamper with or attempt to manipulate, remove or tamper with any levers, valves, switches, devices, brakes, pumps or any equipment or protective clothing on, or a part of, any fire department emergency vehicle.

Section 104.11.8 add a new Section as follows. Insert:

104.11.8 Damage or injury to fire department equipment or personnel. It shall be unlawful for any person to damage, attempt to damage or deface, any fire department emergency vehicle at any time or to injure, or attempt to injure, fire department personnel while performing departmental duties.

Section 105.1.4 add a new Section as follows. Insert:

105.1.4 Permit fees. Permit fees, inspection fees and fees for the board of appeals shall be in accordance with the fees established by the City of Clayton, Missouri. The code official is authorized to establish a refund policy.

Section 105.3.3 delete existing text. Insert:

105.3.3 Occupancy prohibited before approval. Except as specifically provided for temporary occupancy in the building code by the city, a building, structure or portion thereof shall not be used or occupied in whole or in part until all fire protection equipment protecting the building, structure or portion to be occupied have been tested and approved by the code official enforcing this code. All portions of the means of egress for the building, structure or portion to be occupied shall be unobstructed and available for immediate use.

Section 105.3.8 add a new Section. Insert:

105.3.8 Work commencing before permit issuance. Any person who commences any work or operation before obtaining a permit shall be subject to 100 percent of the usual permit fee in addition to the required permit fees.

Section 105.6.48 add a new Section. Insert:

105.6.48 Asphalt kettles. An operational permit is required for the operation of asphalt kettles inside or on the roof of structure.

Section 105.6.49 add a new Section. Insert:

105.6.49 Helicopter landing/liftoff, hoisting and lowering operations. An operational permit is required for helicopter hoisting and lowering operations in accordance with the following. Proof of financial responsibility must be submitted before a permit is issued.

The helicopter service or the contractor in charge of a helicopter landing/liftoff, hoisting or lowering operations shall be responsible for the financial responsibility of liability for damages arising from the landing/liftoff, hoisting or lowering operation by providing proof of insurance or other appropriate financial responsibility. The amount of financial liability shall be the payment of all damages which may be caused either to a person or persons, or to property by reasons of the permitted operation arising from any actions, or in-actions, of the permit holder, or the permit holder's, employees, agents, contractors or subcontractors.

Permit applications must include a description of the landing/liftoff operation or work to be performed and the safety precautions to be used. Forty-eight hours' notice shall be provided before the landing/liftoff, hoisting or lowering operation is to begin. Notice shall be made to other jurisdictional agencies as listed below:

Police department: Written or oral permission must be obtained from the Clayton police department in accordance with the Clayton Code of Ordinances.

Housing and Planning department: If mechanical equipment, machinery or building materials are being removed from a building or structure, a permit must be obtained from the Clayton Housing and Planning department.

City Manager: When the hours for operation for the landing/liftoff or erection, demolition, alteration or repair of any structure is to occur other than between the hours of 7:00 o'clock a.m. and 6:00 o'clock p.m. on weekdays, a permit shall be obtained from the city manager in accordance with the Clayton Code of Ordinances.

Exceptions:

1. Emergency or precautionary landings.
2. Law enforcement or medical evacuation operations.
3. Other operations approved by the code official.

Section 105.6.49.1 add a new Section. Insert:

105.6.49.1 Safety precautions. During all helicopter landing/liftoff, lifting or lowering operations, the following applicable precautions shall be followed:

The fire and police departments shall approve landing sites, if landings are necessary.

All materials or equipment to be lifted shall be brought as close as possible to the building or structure site by road vehicle.

The helicopter shall not carry equipment or materials lifted to or lowered from a building or structure over pedestrians, buildings or vehicles.

When the operation involves setting or removing equipment or materials from or on an occupied building, the top 2 floors shall not be occupied by anyone, other than individuals directly involved with the operation, while the hoisting or lifting is in progress.

All flammable or combustible liquids brought to the site for refueling helicopters shall be stored, used and disposed of in accordance with applicable regulations.

accordance with Chapters 11 and 34 of this code.

A fire department safety officer, or fire department safety team, must be present on the site during all helicopter landing/liftoff, lifting or lowering operations. The safety officer, or safety team, shall terminate the landing/lift operations if conditions or other variables make the operation unsafe. The safety officer, or safety team, shall be provided two-way communications with the helicopter pilot in the event safety conditions mandate evasive action.

Exceptions:

4. Emergency or precautionary landings.
5. Law enforcement or medical evacuation operations.
6. Other operations approved by the code official.

Section 108.1 delete existing text. Insert:

108.1 Board of Appeals. There shall be a Board of Appeals to hear and decide appeals of orders, decisions or determinations of a code official relative to the application and interpretation of this code. The Board of Appeals shall consist of the Board of Appeals appointed and serving in accord with the Building Code adopted by the city and the procedures, rules and regulations, organization, operation and procedures of the Board of Appeals under the said Building Code shall apply to appeals under this section.

Section 109.3 delete existing text. Insert:

109.3 Penalties. Any person who shall violate a provision of this code or shall fail to comply with any of the requirements of this code shall erect, install, alter, repair or do work in violation of the approved construction documents or directive of the code official, shall be guilty of an ordinance violation punishable by a fine of one thousand dollars (\$1,000.00) or by imprisonment not exceeding ninety (90) days or both such fine and imprisonment. A violation which continues after due notice has been served shall be deemed a separate offense.

Section 109.3.2 add a new Section as follows. Insert:

109.3.2 False alarms. In the event of false alarms, after the second false alarm in any twelve-month period, the alarm user, may pay to the director of finance a penalty of fifty dollars (\$50.00) and, further, after the third false alarm in any twelve-month period, the alarm user, in lieu of court appearance, may pay to the director of finance a penalty of one hundred dollars (\$100.00). For the fifth and subsequent false alarms in any twelve-month period, the penalty shall be an amount that is double the penalty (e.g. fifth false alarm, \$200.00, sixth false alarm, \$400.00, etc.) plus court costs of \$25.00 for each offense the alarm user is liable for.

Section 111.4 delete existing text. Insert:

111.4 Failure to comply. Any person who shall continue any work after having been served with a stop work order, or who shall be directed to perform to remove a violation or unsafe condition, shall be guilty of an ordinance violation provided in Section 109.3 of this code.

Section 112 add a new Section as follows. Insert:

SECTION 112 UNSAFE CONDITIONS

112.1 General. Whenever the code official shall find in any structure or upon any premises dangerous or hazardous conditions or materials as follows, the code official shall order such hazardous conditions or materials to be removed or remedied in accordance with the provisions of this code:

1. Hazardous conditions liable to cause or contribute to the spread of fire in or on said premises or structure and the occupants thereof;
2. Conditions that interfere with the efficiency or operation of any fire protection equipment or system;

3. Obstructions to or on fire escapes, stairs, passageways, doors or windows that are liable to interfere with occupants or the operation of the fire department in case of fire;
4. Accumulations of dust or waste material in air-conditioning or ventilating systems or grease in kitchen ducts;
5. Accumulations of grease on kitchen cooking equipment or oil, grease or dirt upon, under or around any equipment;
6. Accumulations of rubbish, waste, paper, boxes, shavings or excessive storage of any combustible material;
7. Hazardous conditions arising from defective or improperly utilized or installed electrical wiring, equipment;
8. Hazardous conditions arising from defective or improperly installed equipment for handling or using combustible or explosive or otherwise hazardous materials;
9. Dangerous or unlawful amounts of combustible, explosive or otherwise hazardous materials; and
10. All equipment, materials, processes or operations that are in violation of the provisions or intent of this section.

Section 301.2 delete in its entirety. Insert:

301.2 Permits. Permits shall be required as set forth in Section 105.6 for the activities or uses regulated by Sections 308.4, 308.5 and 315.

Section 303.2 delete in its entirety. Insert:

303.2 Location. Asphalt (tar) kettles shall not be located within 20 feet (6096 mm) of any combustible material, combustible surface or any building opening and within a controlled area identified by the use of traffic cones, barriers or other approved devices. Asphalt (tar) kettles and pots shall not be utilized inside of a building or structure. Roofing kettles and operating asphalt kettles shall not block means of egress, gates, roadways or entrances.

Section 303.10 add a new Section as follows. Insert:

303.10 Permits. Asphalt (tar) kettles shall not be used inside or on the roof of any building or structure without first obtaining approval from the code official.

Section 303.10.1 add a new Section as follows. Insert:

303.10.1 Safety precautions. All operations shall comply with the following safety precautions:

1. Fired asphalt (tar) kettles shall not be left unattended.
2. Torches or other flame-producing devices shall be fueled with LP gases only.
3. LP gas containers or cylinders shall be stored in accordance with Chapter 38 of this code and with NFPA 58, Chapter 45 of this code.
4. Torches, flame-producing devices, containers, cylinders, regulators, hoses and other equipment must be approved for the specific purpose intended.
5. LP gas containers or cylinders shall not be transported to the roof in elevators or exit stairways that are used by construction personnel.
6. Flames from the torch shall not impinge on combustible "Cant Strips" or other combustible structural elements.

7. A firewatch shall be established and conducted in accordance with Section 2604.2 of this code. The firewatch person shall be provided with water hoses connected to an adequate water supply on the premises. The firewatch person shall be on the premises and in position to observe residual fire effects at least one (1) hour after each use of the torch or flame.

8. Before a torching operation begins, the site shall be inspected and approved by the fire department. When operational or construction conditions warrant specific inspections or observations, a fire department employee shall provide additional firewatch. Inspection fees for the fire department firewatch shall be paid in accordance with Section

Section 305.5 add a new Section as follows. Insert:

305.5 Space heaters. Portable space heaters having an open flame or exposed heating element which could ignite can come in contact with the flame or element or heaters that may overload the building electrical system are prohibited. Fire heaters shall not be plugged into extension cords or multiplug adapters.

Section 401.3.1 delete in its entirety. Insert:

401.3.1 Making false report. It shall be unlawful for any person to willfully or maliciously give, turn in, signal, transmit or make a false alarm or report that a fire or medical emergency has occurred, or is in progress, by any action or means which causes the unnecessary movement or use of fire department apparatus or personnel, or causes the building occupants or the disruption of the building occupant's normal activities. The provisions of Article V, Chapter Code of Ordinances shall also apply to false alarms.

Section 508.1.1 add a new Section as follows. Insert:

508.1.1 Public water supply. The fire prevention code official shall recommend to the chief administrative official of the location or relocation of new or existing fire hydrants and the placement or replacement of inadequate water mains on public property and deemed necessary to provide an adequate fire flow and distribution pattern. A fire hydrant shall not be removed from service until approved by the fire prevention code official.

Section 508.5.7 add a new Section. Insert:

508.5.7 Color coding of public fire hydrants. All public fire hydrant barrels are to be painted yellow. All fire hydrant barrels shall be painted as follows:

COLOR	WATER MAIN SIZE
Green	Twelve (12) inch and larger
Orange	Eight (8) and ten (10) inch
Red	Six (6) inch and smaller

Section 508.5.8 add a new Section as follows. Insert:

508.5.8 Color coding of private fire hydrants. All private fire hydrants shall be painted yellow, including the bonnet.

Section 607.2.1 add a new Section as follows. Insert:

607.2.1 Information signs. An approved graphic display of evacuation routes and written information concerning basic fire procedures, including the location of the exit stairs, shall be posted in an approved location in all common hallways, in lobbies, on all floor levels of all new and existing high-rise buildings.

Section 607.4 add a new Section as follows. Insert:

607.4 Elevator emergency operations testing. All elevators that are equipped with emergency elevator operations in

Rule 211.3 of ASME A17.1 listed in Chapter 45 shall be tested at least once each year in all phases of emergency function. Elevator service company shall conduct tests.

Section 607.5 add a new Section as follows. Insert:

607.5 Prohibited lockout systems, key-ways and devices. Elevator service shall be provided for fire department emergency floors in all high-rise buildings. The use of security lockout systems, key operated floor selection buttons or other key-operated devices which are not automatically rendered inoperative by the fire-sensing devices or the key-operated fire service is prohibited. Walls, security bars, equipment or storage may not obstruct access to any building level from any elevator.

Section 804.1.1 delete in its entirety, including exception. Insert:

804.1.1 Restricted occupancies. Natural cut trees shall be prohibited in Group A, B, E, I-1, I-2, I-3, I-4, M, R-1, R-2 occupancies.

Exception:

Trees located in areas protected by an approved automatic sprinkler system installed in accordance with Section 903.3 shall not be prohibited in Groups A, B, E, M, R-1 and R-2.

Section 901.6.2 delete in its entirety. Insert:

901.6.2 Records. Records of all system inspections, tests and maintenance required by the referenced standards shall be maintained on premises for a minimum of 3 years. If the required testing frequency is greater than 3 years, records must be kept for the testing frequency plus 3 years. All records shall be made available to the code official upon request. Accurate logs shall be maintained indicating the number, location and type of device tested. Any defect, modification, maintenance, inspection shall be logged.

Section 901.6.3 add a new Section as follows. Insert:

901.6.3 High-rise standpipe tests. In addition to the standards listed in Table 901.6.1, standpipe flow tests approved by the code official shall be conducted in accordance with NFPA 25 listed in Chapter 45 on standpipe systems in all high-rise buildings except where the flow shall not be less than the flow demands required at the time of installation, or not less than 200 GPM at the top of the standpipe maintaining a residual pressure of 50 psi, whichever is the higher demand. At the time of the test, all control valves, in hose cabinets, shall also be operated and tested to insure proper operation of the valves. The results of the tests must be made available to the code official and also must be entered into the log book.

Section 902.1 add a new definition as follows. Insert:

Water supply, automatic: A water supply that is not dependent on any manual operation, such as making connection to or starting pumps.

Section 903.3.1.1.2 add a new Section as follows. Insert:

903.3.1.1.2 Sprinklers required. Clean agent, halogenated or carbon dioxide extinguishing systems shall not be considered an alternative to an automatic sprinkler system in computer rooms, vaults or other rooms where an automatic sprinkler system is required.

Section 903.3.1.2 delete in its entirety. Insert:

903.3.1.2 NFPA 13R sprinkler systems. Where allowed in buildings of Group R, up to and including four stories in height, sprinkler systems shall be installed throughout in accordance with NFPA 13 or NFPA 13R.

Section 905.3 Exception: delete Exception in its entirety. Insert:

Exceptions:

1. Standpipe systems are not required in Group R-3 occupancies.
2. Where Group R-2 and R-4 occupancies, up to and including four stories in height, required to have a standpipe system in accordance with Section 905 are equipped throughout with an automatic sprinkler system in accordance with Section 903.3.1.2.1 and a Class I standpipe is installed in accordance with NFPA 14, the automatic water supply required to exceed the requirements of NFPA 13.

Section 907.1.3 add a new Section as follows. Insert:

907.1.3 Smoke detectors. Smoke detectors or duct detectors located above a ceiling or behind a wall must be provided with an indicating device at the ceiling or wall to show the location of the device.

Exception: Where approved by the code official.

Section 907.3 delete in its entirety. Insert:

907.3 Where required--retroactive in existing buildings and structures. An approved manual, automatic or manual alarm system shall be installed in existing buildings and structures in accordance with Sections 907.3.1 through 907.3.3. Where automatic sprinkler protection is provided in accordance with Section 903.3.1.1 or 903.3.1.2 and connected to the building fire alarm system, automatic heat detection required by this section shall not be required.

An approved automatic fire detection system shall be installed in accordance with the provisions of this code and NFPA 72. Combinations of devices, appliances and equipment shall be approved. The automatic fire detectors shall be smoke detectors. An approved alternative type of detector shall be installed in spaces such as boiler rooms where, during normal operation, combustion are present in sufficient quantity to actuate a smoke detector.

Section 907.3.1.9 add a new Section as follows. Insert:

907.3.1.9 High-rise buildings. An approved automatic fire alarm system shall be installed in existing high-rise buildings. The system shall be monitored in accordance with Section 907.15. The annunciator panel shall be installed in a location approved by the code official and shall give visual indication of the location of all alarm zones that may be in alarm. Systems that are upgraded shall be installed in accordance with the requirements of Section 907.2.12. of this code.

Section 907.15.1 add a new Section as follows. Insert:

907.15.1 Fire alarm systems monitoring. Central-station monitoring centers must be listed by Underwriters Laboratories. Information, including company name, address and phone number, method of transmission and UL listing information shall be provided to the code official. Where deemed necessary by the code official, the UL listing information shall be provided along with a copy of the UL Certificate for the appropriate category (Central Station, Remote Station or Proprietary).

Section 909.21.4 delete in its entirety. Insert:

909.21.4 Dedicated smoke-control systems. Dedicated smoke-control systems shall be inspected and operated for each floor semiannually to determine that the installed systems continue to operate in accordance with the approved design and to verify the operation of the correct outputs for each given input through measured airflow quantities and pressure differentials. Personnel thoroughly knowledgeable in the operation, testing and maintenance of the systems must conduct the periodic tests. The system shall be tested under all operating conditions of all initiating devices, fans, dampers, controls, doors and windows. The system shall also be tested under simulated fire conditions.

Section 909.21.5 delete in its entirety. Insert:

909.21.5 Non-dedicated smoke-control systems. Non-dedicated smoke-control systems shall be inspected and operated for each floor annually to determine that the installed systems continue to operate in accordance with the approved design and to verify the operation of the correct outputs for each given input through measured airflow quantities and pressure differentials. Personnel thoroughly knowledgeable in the operation, testing and maintenance of the systems must conduct the periodic tests. The system shall be tested under simulated fire conditions.

operation of all initiating devices, fans, dampers, controls, doors and windows. The system shall also be tested under s conditions.

Section 909.21.6 add a new Section as follows. Insert:

909.21.6 Stairway pressurization systems. Stairway pressurization systems that supply air to interior exit stairways t pressure in stairways shall be tested annually. Stairways shall be pressurized to a minimum of 0.15 inches of water col maximum of 0.35 inches of water column in the stairway relative to the pressure in the building with all stairway door maximum anticipated stack pressure.

Table 910.3 delete in its entirety. Insert:

TABLE 910.3

REQUIREMENTS FOR CURTAIN BOARDS AND SMOKE VENTING^a

Commodity Classification	Designated Storage Height (feet)	Minimum Curtain Depth (feet)	Maximum Area Formed By Curtain Boards (square feet)	Vent Area To Floor Area Ratio	Maximum Spacing of Vent Centers (feet)
Group F-1	--	0.2 X H but ≥ 4	50,000	1:100	120
I-IV	≤ 20	6	10,000	1:100	100
(Option 1)	>20 #40	6	8,000	1:75	100
I-IV	≤ 20	4	3,000	1:75	100
(Option 2)	>20 #40	4	3,000	1:50	100
High Hazard	≤ 20	6	6,000	1:50	100
(Option 1)	>20 #30	6	6,000	1:40	90
High Hazard	≤ 20	4	4,000	1:50	100
(Option 2)	>20 #30	4	2,000	1:30	75

For SI: 1 foot=304.8 mm, 1 square foot=0.0929m²

a. Requirements for rack storage heights in excess of those indicated shall be in accordance with Chapter International Fire Code. For solid-piled storage heights in excess of those indicated, an approved engineered d

b. The distance specified is the maximum distance from any vent in a particular draft curtained area to w which form the perimeter of the draft curtained area.

Section 1008.1.8.7: **Delete** Exception #3 in its entirety. Insert:

Exception 3. Where approved by the code official, in stairways serving not more than four stories, doors may be penn from the side opposite the egress side, provided they are openable from the egress side.

Section 1026.22 add a new Section as follows. Insert:

1026.22 Exterior floor identification dots. All new and existing high-rise buildings shall be marked on their exterior identification dots. These dots shall be not less than 8 inches in diameter and be of illumination reflective material. On every fifth floor level of the building, in the relationship to the floor level indicators on the elevator cars. Dots shall be on the sides of the building. Specific dot locations must be approved by the fire department.

Section 1026.23 add a new Section as follows: Insert:

1026.23 Firefighter assist plans. An approved pictographic display (sign, drawing or wall marking) shall be posted on stairways at each floor landing in all new and existing high-rise buildings. Individual displays or signs shall show the location where the graphic is displayed, the configuration of exit access corridors including all door openings, exit stairways, egress doors, building walls, fire alarm pull stations, fire hoses and sprinkler valves. The sign shall be located 5 feet (1524 mm) above the door in a position that is readily visible when the doors are in the open or closed positions.

Section 1026.24 add a new Section as follows: Insert:

1026.24 Pressurized stairways. All enclosed exit stairways in all new and existing high-rise buildings shall comply with 1019.1.8. Pressurization equipment for pressurized stairways shall be activated by smoke detectors installed on the stairway doors in an approved location.

Section 1027.6 add a new Section as follows. Insert:

1027.6 Maintenance. The means of egress from each part of the structure, including exits, stairways, egress doors and hardware installed thereon, aisles, corridors, passageways and similar elements of the means of egress, shall at all times be in safe condition and available for immediate utilization and free of all obstructions.

Section 2204.3.8 add a new Section. Insert:

2204.3.8 Fire suppression system. The dispensing area (pump islands, canopy and adjacent ground area) shall be provided with an approved fire suppression system.

Section 2703.5.2 add a new Section as follows: Insert:

2703.5.2 Hazard signals required. Any occupancy required by this code and/or state law to provide material safety data sheets shall provide visible markings on the outside of buildings, rooms and containers where hazardous substances are present. The markings shall be in a location approved by the code official. These markings shall conform to the NFPA 704 marking system or with other applicable regulations or, in the case of containers, may as an option comply with Safety and Health Administration Hazard Communication 29 CFR 1910.1200(f). To avoid duplication of markings, marking requirements of the United States Department of Transportation shall satisfy the requirements in regard to motor vehicles, rolling stock and aircraft.

Section 2703.5.3 add a new Section as follows:

2703.5.3 Main entrance. Where required by Section 2703.5, all buildings shall have a placard located on the main entrance door of 18" inches from the bottom edge of the door. This placard shall have a minimum dimension of 5" inches. This placard shall be lettered or numbered.

Section 2703.5.4 add a new Section as follows:

2703.5.4 Other doors. All other doors shall have a placard with a minimum dimension of 10" inches located in an area that identifies the worst hazard category of the product(s) in that area. This placard shall be provided with numerals in accordance with 2703.5.5.

Section 2703.5.5 add a new Section as follows:

2703.5.5 Signal size. The exterior markings of buildings or site entrances where materials are stored shall have a minimum size of 1/2" inches.

four 4" inches. All numbers/letters shall be reflective.

Section 3301.1.3 modify as follows: **Delete** exception #4 in its entirety.

Section 3301.2.4 delete in its entirety. Insert:

3301.2.4 Financial responsibility. Before a permit is issued, as required by Section 3301.2, the applicant shall file w corporate surety bond in the principal sum of \$2,000,000 or a public liability insurance policy for the same amount for payment of all damages to persons or property which arise from, or are caused by, the conduct of any act authorized b which any judicial judgment results. The fire code official is authorized to specify a greater or lesser amount when, in conditions at the location of use indicate a greater or lesser amount is required. Government entities shall be exempt f requirement.

Section 3404.3.2.4 add a new Section as follows:

3404.3.2.4 Storage cabinets. Unless otherwise mandated by this code, all flammable and combustibles must be store flammable liquids storage cabinet. Cabinet doors must be kept closed.

Section 3404.2.13.1.4 modify as follows: **Delete** Exception for item #3 in its entirety.

Section D103.6 add a new section as follows. Insert:

D103.6.3 Fire lanes. Fire lanes so legally designated by the chief of the fire department shall be posted with appropri markings as specified by the chief of the fire department and approved by the board of aldermen so that the public wil existence of such fire lanes. If said fire lanes are marked by painting them, then they shall be painted red in color. In established on private property, the owner thereof shall provide such signs or marking at his expense and in cases of fi on public property, the director of public works shall provide such signs or markings at the expense of the City of Clay 5432 §1, 5-26-98; Ord. No. 5657 §1, 10-9-01; Ord. No. 5690 §4, 4-23-02; Ord. No. 5816 §1(10-2), 4-27-04)

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