

## **PART SIXTEEN - FIRE PREVENTION CODE**

Chap. 1610. BOCA Basic Fire Prevention Code.

Chap. 1620. Miscellaneous Regulations.

CODIFIED ORDINANCES OF HIGHLAND PARK

PART SIXTEEN - FIRE PREVENTION CODE

### CHAPTER 1610

BOCA National Fire Prevention Code

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### CROSS REFERENCES

Fires and fire protection generally - see M.C.L.A. Secs. 29.1 et seq., 41.181, 125.401 et seq., 750.240 et seq.

Sale of gasoline, kerosene or other flammable liquids - see B.R. & T. 802.18(d)

Fire protection in cabarets - see B.R. & T. 814.04(c)

Fires in hotels and lodging houses - see B.R. & T. 840.17, 840.18

Accumulation of combustible rubbish - see S.U. & P.S. 1060.09

Storage of combustible materials - see F. P. 1620.02

Outdoor fires - see F. P. 1620.02, 1620.03

#### 1610.01 SHORT TITLE.

This Part Sixteen of these Codified Ordinances shall be known and cited as the Highland Park Fire Prevention Code. (Ord. 1117. Passed 11-15-82.)

#### 1610.02 PURPOSE.

This chapter is intended to prescribe minimum requirements and controls to safeguard life, property and the public welfare from the hazards of fire and explosion arising from the storage, handling or use of substances, materials or devices, and from conditions hazardous to life, property and the public welfare in the use or occupancy of buildings, structures, sheds, tents, lots or premises. All matter within the intent of this chapter and not specifically covered by this chapter shall comply with the referenced standards listed in Chapter 44 of the BOCA National Fire Prevention Code, as adopted in Section 1610.03.

#### 1610.03 ADOPTION OF 1996 EDITION.

That certain document, three copies of which are on file in the office of the City Clerk, being marked and designated as BOCA National Fire Prevention Code, Tenth Edition, 1996, as amended, as published by Building Officials and Code Administrators (BOCA) International, Inc., is hereby adopted by reference as the Fire Prevention Code of the City for the control of buildings and structures as therein provided, except such parts of such Code as are hereinafter modified or deleted, and each and all of the regulations of the BOCA National Fire Prevention Code, Tenth Edition, 1996, as amended, are hereby referred to, adopted and made a part thereof as if fully set out in this chapter. (Ord. 1188. Passed 11-18-96.)

#### 1610.04 ENFORCEMENT OFFICER.

(a) Fire Official. It shall be the duty and responsibility of the Public Safety Director of the City, or his or her approved designee, to enforce this chapter as herein provided. This official shall be referred to as the "Fire Official."

(b) Coordination of Enforcement. Inspection of premises and the issuing of orders in connection therewith under this chapter shall be the responsibility of the Public Safety Department of the City. Wherever, in the opinion of the Fire Official, it is necessary or desirable to have an inspection made of any condition by any other department, he or she shall inform the Building Official. A copy of an order for the correction shall be in effect for thirty days, in which time the correction should have been commenced; thereafter, the individual or entity as described in Section 1610.06(a) shall have sixty days to correct the violation.

(c) Request for Extension for Correction. Any person as described in Section 1610.06 (a) may request, in writing, an extension of time in order to comply with this section. The granting of the request is within the discretion of the Public Safety Director. The written request shall state in detail the necessity for an extension. The written request shall be made within twenty days after a citation is received. The Public Safety Director shall respond to this request within ten days after receipt of the request. (Ord. Unno. Passed 3-2-98.)

#### 1610.05 UNIFORM BOARD OF APPEALS.

The appeal process specified in Section F-113.0 of the BOCA National Fire Prevention Code, as adopted in Section 1610.03, shall be superseded by the procedures specified in Chapter 1440 of Part Fourteen - the Building and Housing Code.

#### 1610.06 VIOLATIONS AND PENALTIES.

The penalty section of the BOCA National Fire Prevention Code (Section F-112.3), as adopted in Section 1610.03, is superseded by the following regulations:

(a) Offenses. A person, including an officer, director or employee of a corporation, or a governmental official or agent charged with the responsibility of issuing permits or inspecting buildings or structures, who commits any of the following acts, shall be guilty of a misdemeanor and shall be punished as provided in Section 202.99:

(1) Knowingly violates a provision of this chapter, or maintains a fire hazard in violation of this chapter, or violates a rule promulgated pursuant to this chapter;

(2) Knowingly constructs or builds a structure or building, or constructs or installs equipment, materials or systems in a building or structure, in violation of a condition of a building permit;

(3) Knowingly fails to comply with an order issued pursuant to this chapter by the Fire Official, the Uniform Board of Appeals or a court;

(4) Knowingly makes a false or misleading written statement, or knowingly omits required information or a statement in an inspection report, application, petition, request for approval or appeal to the Fire Official or to the Uniform Board of Appeals;

(5) Knowingly refuses entry or access to an inspector lawfully authorized to inspect any premises, building or structure pursuant to this chapter;

(6) Unreasonably interferes with an authorized inspection;

(7) Knowingly issues, fails to issue, causes to be issued or assists in the issuance of a certificate, permit or license in violation of this chapter or a rule promulgated under this chapter or other applicable laws; or

(8) Having a duty to report a violation of this chapter or a rule promulgated under this chapter or other applicable law, knowingly conceals a violation. (Adopting Ordinance)

(b) Penalties. With respect to paragraphs (a)(5) and (6) hereof, a person is guilty of a civil infraction punishable by a fine of up to five hundred dollars (\$500.00) for each day that the person fails to allow access to an inspector lawfully allowed to inspect the premises or interferes with an inspection. With respect to paragraph (a)(3) hereof, a person is guilty of a separate offense for each day that the person fails to comply with a stop construction order validly issued by the Fire Official and for each week that a person fails to comply with any other order validly issued by an enforcing agency. With respect to paragraphs (a)(1) and (4) hereof, a person is guilty of a separate offense for each knowing violation of this chapter or a rule promulgated under this chapter, and for each false or misleading written statement or omission of required information or a statement knowingly made in an application, petition or request for approval to the Fire Official or the Uniform Board of Appeals. With respect to paragraph (a)(2) hereof, a person is guilty of a separate offense for each knowing violation of a condition of a building permit. With respect to the other paragraphs, a person is guilty of a separate offense for each knowing violation of this chapter. (Ord. Unno. Passed 3-2-98.)

#### 1610.07 EFFECTIVE DATE.

The City Clerk shall certify the adoption of this chapter, and cause the same to be published according to law, and this chapter shall take effect fifteen days after approval as so certified. However, this chapter shall not take effect until the State Construction Code Authority has reviewed and approved this chapter, or until the State Construction Code Authority has had this chapter for ninety days without either approving or denying this chapter. (Ord. 1172. Passed 10-15-90.)

## 1610.08 CONFLICT OF LAWS.

In the event of a conflict between any of the provisions of the BOCA National Fire Prevention Code, as adopted in Section 1610.03, and a provision of this Part Sixteen - Fire Prevention Code, or any other local ordinance, rule or regulation, the provision of this Part Sixteen - Fire Prevention Code, or the local ordinance, rule or regulation, shall control. In the event of a conflict between any of the provisions of the BOCA National Fire Prevention Code, as aforesaid, or a provision of this Part Sixteen - Fire Prevention Code, or any other local ordinance, rule or regulation, and a provision of any State law, rule or regulation, the State law, rule or regulation shall control.

## 1610.09 AMENDMENTS.

The BOCA National Fire Prevention Code, as adopted in Section 1610.03, is hereby amended and supplemented as set forth in this section:

### SECTION F-101.0 GENERAL (ADMINISTRATION, ETC.) (amendment)

BOCA F-101.1 Title: The regulations set forth herein shall be known as the Highland Park Fire Prevention Code and are herein referred to as such or as "this Code."

### SECTION F-102.0 APPLICABILITY (amendment)

BOCA F-102.4 Application of building code: The planning, design and construction of new buildings and structures to provide the necessary egress facilities, fire protection and built-in fire protection equipment shall be controlled by the Building and Housing Code of the City, State Fire Safety Board rules or other applicable statutes, whichever provides the greatest safety. Any alteration, addition or change in buildings required by the provisions of this Code shall be made in accordance with the requirements of the Building and Housing Code.

### SECTION F-110.0 UNSAFE CONDITIONS (amendment)

BOCA F-110.1.1 Interference with fire protection equipment: Whenever the Fire Official finds conditions that would interfere with the efficiency and use of any fire protection equipment, including the blocking, obscuring from view or obstruction of, or restriction of access to, any fire hydrant on public or private property, the Fire Official shall order such obstructions removed.

### SECTION F-114.0 FIRE ALARMS (addition)

BOCA F-114.1 Alarm receipt actions to be taken: When an alarm of fire is sounded, the Fire Department shall be notified and the evacuation plan implemented immediately.

BOCA F-114.2 Alarm receipt; fires to be reported: The person having charge of any facility subject to this Code shall make certain that the Fire Department has been notified of any fire resulting in loss of life or injury or causing destruction or damage to property.

### SECTION F-115.0 FIRE HYDRANTS (addition)

BOCA F-115.1 Fire hydrants; public water supply: The Fire Official shall recommend to the Mayor the location of new, or the relocation of existing, fire hydrants and the placement of new, or the replacement of inadequate, water mains located upon public property and deemed necessary to provide an adequate fire flow and distribution pattern. A fire hydrant shall not be placed into, or removed from, service until approved by the Fire Official.

BOCA F-115.2 Fire hydrants; yard systems: All new and existing oil storage plants, lumber yards, amusement or exhibition parks, educational or institutional complexes and similar occupancies and uses involving high fire or life hazards and which are located more than 150 feet from a public street, or which require quantities of water beyond

the capabilities of the public water distribution system, shall be provided with properly placed fire hydrants. Such fire hydrants shall be capable of supplying fire flows as required by the Fire Official and shall be connected to a water system in accordance with accepted engineering practices. The Fire Official shall designate and approve the number and location of fire hydrants. The Fire Official may require the installation of sufficient fire hose and equipment housed in accordance with the approved rules and may require the establishment of a trained fire brigade when the hazard involved requires such measures. Private hydrants shall not be placed into or removed from service until approved by the Fire Official.

#### SECTION F-116.0 UNAPPROVED FIRE EXTINGUISHERS (addition)

BOCA F-116.1 Unapproved fire extinguishers: A person shall not sell, trade, loan or give away any form, type or kind of fire extinguisher which is not approved by the Fire Official, or which is not in proper working order, or the contents of which do not meet the requirements of the Fire Official. The requirements of this section shall not apply to the sale, trade or exchange of obsolete or damaged equipment for junk when such units are permanently disfigured or marked with a permanent sign identifying the unit as junk.

#### SECTION F-202.0 GENERAL DEFINITIONS (amendment)

The following term is hereby redefined as follows:

Automatic fire alarm system: A manual fire alarm system, a fire alarm system containing automatic devices, or a system which is a combination of a manual fire alarm system and a fire alarm system containing automatic devices.

#### SECTION F-310.0 ELECTRICAL (amendment)

BOCA F-310.9 Circuit protection devices: Electrical box covers, switch panels and other protective devices shall be maintained in place unless the circuit is actually being worked on.

#### SECTION F-316.0 FIRE RETARDANT COATINGS (addition)

BOCA F-316.1 Maintenance of protection: Fire retardant coatings shall be maintained so as to retain the effectiveness of the treatment under the service conditions encountered in actual use.

#### SECTION F-404.0 TORCHES FOR REMOVING PAINT (deletion)

BOCA F-404.2 Approval: (Deleted)

#### SECTION F-405.0 ASPHALT (TAR) KETTLES (amendment)

BOCA F-405.1 General: It shall be unlawful to transport, or to permit the transportation of, any asphalt (tar) kettle, beneath which is maintained an open fire, heated coals or ashes, over any highway, road or street.

BOCA F-405.2 Restrictions: Asphalt (tar) kettles shall not be used inside of or on the roof of any building. Fired asphalt (tar) kettles shall not be left unattended.

BOCA F-405.2.1 Attendance: The Fire Official may establish the requirements for the tar kettle attendance required in Section F-405.2.

BOCA F-405.3 Fire protection: There shall be a minimum of one 20BC rated portable fire extinguisher within 30 feet (9.15m) of each asphalt (tar) kettle during the period such kettle is in use, and one additional minimum 20 BC rated portable fire extinguisher on the roof being covered. Every kettle shall be equipped with a tight-fitting cover. A kettle, when in operation, shall be placed a safe distance from any combustible material or buildings.

## SECTION F-501.0 GENERAL (FIRE PROTECTION SYSTEMS) (amendment)

BOCA F-501.1 Scope: The provisions of this article shall govern the operation, maintenance and testing of all new and existing fire protection systems, devices, units and fire safety equipment in all occupancies as herein provided. Such systems shall comply with the maintenance provisions of NFPA 13, 13A, 14, 15, 20, 22, 24, 71, 72A, 72B, 72C, 72D, 72E, 231, 231C and 231D listed in Chapter 44, where provisions of this article do not specifically cover conditions and operations.

BOCA F-501.5 Signs: All Fire Department connections and fire pump test connections shall be properly marked with a sign indicating their purpose and shall be maintained in a manner and location satisfactory to the Fire Official. A metal sign with raised letters at least one inch (2.54cm) in size shall be mounted on all Fire Department connections serving fire sprinklers, standpipes or fire pump connections. Such signs shall read: "Automatic sprinklers," "Standpipes" or "Test connection," as applicable.

Additional signs of designated location, color, written content and other features as specified by the Fire Official, shall be posted at locations as may be designated by the Fire Official.

BOCA F-501.7 Tampering: A person shall not obstruct, remove, tamper with or otherwise disturb any fire protection device or system required to be installed or maintained under the provisions of this Code, except as may be necessary for appropriate maintenance or use in an emergency.

## SECTION F-502.0 DEFINITIONS (amendment)

The following terms are hereby defined or redefined as follows:

Carbon dioxide extinguishing system (CO<sub>2</sub>): A system to supply carbon dioxide (CO<sub>2</sub>) from a pressurized vessel through fixed pipes and nozzles.

Detector, smoke: An approved listed detector for sensing visible or invisible products of combustion.

Dry chemical extinguishing system: A system consisting of dry chemical and expellant gas storage tanks, fixed piping and nozzles used to assure proper distribution of an approved extinguishing agent on a specific fire hazard or into a potential fire area.

Halogenated extinguishing agent: A compound which contains one or more atoms of an element from the halogen chemical series fluorine, chlorine, bromine and iodine. Halogenated extinguishing agents shall be restricted subject to Act 207 of the Public Acts of 1941, as amended.

## SECTION F-505.0 CABINETS AND DRY STANDPIPE STATIONS (amendment)

BOCA F-505.4 Dry standpipe stations: All fire hose stations for dry standpipe fire lines shall be marked with a permanently attached noncombustible sign which reads "Dry Standpipe-Fire Department Use Only" and which is mounted or painted on or near the fire hose station. Sign letters shall be not less than two inches (5.08 cm) high and shall be in a color which contrasts with the background color.

## SECTION F-506.0 WATER-BASED FIRE PROTECTION SYSTEMS (amendment)

BOCA F-506.1 Water-based extinguishing systems: The inspector's test connections, main drain valves, and all control valves on all sprinkler systems shall be operated at least once a year to determine that there is a free water flow at adequate pressure and that the supervisory service, if any exists, is operating properly. Each dry pipe valve shall be cleaned and reset at least once each year. Automatic antifreeze solution systems and limited area systems

which are supplied from a domestic water source and which are not required to provide a test line are exempt from the requirements of this section.

#### SECTION F-516.0 FIRE PUMPS (amendment)

BOCA F-516.2 Acceptance test: Pumps shall furnish not less than 150 percent of rated capacity at a total head of not less than 65 percent of total rated head. The shutoff total head for horizontal shaft pumps shall not exceed 120 percent of the total rated head. The inlet pressure available from a water supply shall be figured on a basis of flow of 150 percent of the rated capacity of the pump, as indicated by a flow test. The pressure in public mains shall not be reduced in pressure below 20 psi (138 kPa) while the pump is operating at 150 percent of its rated capacity.

BOCA F-516.4 Automatic controllers: Pumps that supply fire protection systems or devices shall be capable of self-activating operation by their own mechanisms when actuated by some impersonal influence, such as a change in current strength, pressure, temperature or mechanical configuration. Units shall be capable of self-starting. All pressure-actuated control switches which respond to water pressures shall be protected from accidental changes in pressure setting by the use of locking bars or other protective devices.

#### SECTION F-601.0 GENERAL (MEANS OF EGRESS) (amendment)

BOCA F-601.4 Certificate required: A place of assembly shall not be maintained, operated or used as such without a certificate as provided for by Act 207 of the Public Acts of 1941, as amended.

BOCA F-601.7 Posting of maximum occupant load: Each place of assembly shall have its maximum occupant load posted in compliance with Act 207 of the Public Acts of 1941, as amended. The number of occupants permitted shall be determined in accordance with the provisions of the Building and Housing Code except that three square feet of net floor area for standing space in an assembly occupancy shall only be allowed in an approved waiting area. Each room constituting a place of assembly shall have the occupant load of the room posted in a conspicuous place, near the main exit from the room.

BOCA F-601.9 Operator responsibility: The operator or the person in charge of operation or use of any place of assembly shall check egress facilities, before such place of assembly is occupied for any use, to determine compliance with the provisions of this section. If such inspection reveals that any element of the required means of egress is obstructed, inaccessible, locked, fastened or otherwise unsuited for immediate use, admittance to the place of assembly shall not be permitted until necessary corrective action has been completed.

BOCA F-601.9.1 Announcements: As may be required by the Fire Official, not more than 10 minutes prior to the scheduled commencement of any activity, event, performance, show, meeting, function or other occasion for which persons will gather at a place of assembly with a capacity of 50 or more people, the owner or his or her authorized agent shall orally notify all attendees concerning the location of the exits to be used in case of fire or other emergency, and shall also notify all attendees of smoking regulations.

#### SECTION F-603.0 MAINTENANCE (MEANS OF EGRESS) (amendment)

BOCA F-603.2 Exterior egress: All exterior stairways and fire escapes shall be kept free of snow and ice. Any fire escape or exterior stairway found to be in a state of deterioration or determined to be unsafe by the Fire Official shall be repaired immediately. The Fire Official may require a load test of any fire escape before it is returned to service. All fire escapes shall be properly painted.

#### SECTION F-610.0 ILLUMINATION AND SIGNS (amendment)

BOCA F-610.2 Exit signs: All exit signs shall be maintained in a clean and legible condition and shall be clearly internally illuminated at all times that the building is occupied. Supplemental internally illuminated directional signs, when necessary, shall be installed indicating the direction and way of egress.

SECTION F-703.0 EDUCATIONAL OCCUPANCIES (amendment)

BOCA F-703.5 Fire drills; educational occupancies: Fire drills in educational occupancies shall comply with the requirements of Act 207 of the Public Acts of 1941, as amended.

SECTION F-707.0 HIGH-RISE BUILDINGS (amendment)

BOCA F-707.1 General: The owner or other person having charge of buildings identified as high-rise buildings or use group A, B, F, H, S, R1 or R2 in the Building Code shall be required to prepare and submit for review and approval of the Fire Official a fire safety plan and evacuation procedure as set forth in this section.

SECTION F-801.0 GENERAL (AIRPORTS, ETC.) (amendment)

BOCA F-801.2 Notification required: Before initiating operation of an airport, heliport, helistop or aircraft hangar, the Fire Official and any other agency having jurisdiction shall be notified.

SECTION F-901.0 GENERAL (BOWLING ESTABLISHMENTS) (amendment)

BOCA F-901.2 Notification required: The Fire Official shall be notified of bowling pin refinishing and bowling lane resurfacing operations involving the use and application of flammable liquids or materials.

SECTION F-1001.0 GENERAL (CROP-RIPENING AND COLORING PROCESSES) (amendment)

BOCA F-1001.1 Scope: This article shall apply to the equipment and operations for the process of ripening bananas, tomatoes, pears or honeydew melons and coloring tobacco, citrus fruits or other crops in tightly closed rooms and shall include those processes where ethylene gas is introduced into the room to assist these processes.

BOCA F-1001.2 Notification required: The Fire Official shall be notified of any fruit ripening process.

SECTION F-1002.0 FIRE SAFETY REQUIREMENTS (amendment)

BOCA F-1002.1 General: The layout, arrangement and construction of buildings and structures in which the process of ripening or coloring of crops is conducted shall comply with the applicable requirements of the Building and Housing Code for the appropriate use group classification and shall be provided with fire protection and fire extinguishing equipment as required by that Code. Buildings and structures and their service equipment shall be maintained in safe and sound condition as required by this Code.

SECTION F-1101.0 GENERAL (DRY CLEANING PLANTS) (amendment)

BOCA F-1101.2 Certificate required: A person shall not engage in the business of dry cleaning without first obtaining the certificate required by Act 207 of the Public Acts of 1941, as amended. A change shall not be made in the solvent used in the equipment to a more hazardous class, unless permission for such change shall first have been obtained from the Fire Official.

SECTION F-1201.0 GENERAL (DUST EXPLOSION HAZARDS) (amendment)

BOCA F-1201.2 Notification required: The Fire Official shall be notified of the operation of any grain bleacher or elevator; flour, starch or feed mill; malt house; wood flour manufacturing plant; or plant pulverizing aluminum, coal, cocoa, magnesium, spices, sugar or other material producing dust as defined in the scope of this article.

SECTION F-1301.0 GENERAL (APPLICATION OF FLAMMABLE FINISHES) (amendment)



BOCA F-1301.2 Notification required: The Fire Official shall be notified of any spraying or dipping operations included within the scope of this article utilizing more than 10 gallons of flammable or combustible liquids on any working day.

#### SECTION F-1304.0 SPRAY FINISHING (amendment)

BOCA F-1304.1 General: Any area in which dangerous quantities of flammable vapors or combustible vapors, mists, residues, dusts or deposits are present due to the operation of spraying processes shall be considered a spraying area. The Fire Official may define the limits of the spraying area in any specific case. A spraying area shall include all of the following:

- (a) The interior of spray booths;
- (b) The interior of ducts exhausting from spray processes; and
- (c) Any area in the direct path of spraying operations.

The spraying area in the vicinity of spraying operations will necessarily vary with the design and arrangement of equipment and method of operation. When spraying operations are strictly confined to predetermined spaces which are provided with adequate and reliable ventilation, such as a properly constructed spray booth, the spraying area will ordinarily not extend beyond the booth enclosure. When, however, spraying operations are not confined to adequately ventilated spaces, the spraying area may extend throughout the entire room containing spraying operations.

#### SECTION F-1401.0 GENERAL (FUMIGATION, ETC.) (amendment)

BOCA F-1401.2 Notification required: A person shall not perform any fumigation or thermal insecticidal fogging without first notifying the Fire Official.

#### SECTION F-1601.0 GENERAL (LUMBERYARDS, ETC.) (amendment)

BOCA F-1601.2 Notification required: The Fire Official shall be notified of any facility or operation in which more than 100,000 board feet (236 m<sup>3</sup>) of lumber is to be stored or used.

#### SECTION F-1602.0 FIRE SAFETY REQUIREMENTS (amendment)

BOCA F-1602.2.2 Fences: Permanent lumber storage which requires notification of the Fire Official under Section F-1601.2 shall be surrounded with a suitable fence not less than six feet (1.83 m) high, unless storage is within a building.

BOCA F-1602.7 Fire protection equipment: An approved water supply arrangement shall be provided for open storage yards. Portable fire extinguishing equipment suitable for the fire hazard involved shall be provided at convenient, conspicuous, accessible locations in open yards. When used, approved class A portable fire extinguishers, properly protected against freezing where necessary, shall be provided so that the travel distance to the nearest unit does not exceed 75 feet. In buildings, fire protection equipment shall be provided as required by the Building and Housing Code.

#### SECTION F-1701.0 GENERAL (MATCHES) (amendment)

BOCA F-1701.2 Notification required: The Fire Official shall be notified of the manufacture or storage of matches exceeding 25 cases in aggregate.

#### SECTION F-1901.0 GENERAL (ORGANIC COATINGS) (amendment)

BOCA F-1901.2 Notification required: The Fire Official shall be notified of any organic coating manufacturing operation making more than one gallon of an organic coating on any working day.

#### SECTION F-1907.0 RAW MATERIALS IN PROCESS AREAS (amendment)

BOCA F-1907.1 Nitrocellulose quantity: The amount of nitrocellulose brought into the operating area shall not exceed that required for a work shift. Any nitrocellulose which may be spilled on the floor or elsewhere shall be promptly swept up, put into a pail of water and removed at the end of the day or shift and disposed of in a proper manner.

#### SECTION F-1909.0 STORAGE OF RAW MATERIALS AND FINISHED PRODUCTS (amendment)

BOCA F-1909.4.2 Spills: Spilled nitrocellulose shall be promptly wetted with water and disposed of in a proper manner.

#### SECTION F-2001.0 GENERAL (TENTS, ETC.) (amendment)

BOCA F-2001.2 Notification required: A tent or air-supported structure covering an area in excess of 120 square feet (11.16 m<sup>2</sup>), including all connecting areas or spaces with a common means of egress or entrance, and used or intended to be used for a gathering of 10 or more persons, shall not be erected, operated or maintained for any purpose without prior notification of the Building Official and the Fire Official. Tents used exclusively for recreational camping purposes shall be exempt from the requirements of this section. Special permits required by the Building and Housing Code shall be secured from the Building Official.

BOCA F-2001.2.1 Construction documents: Notification shall include the submission of drawings for each installation and use, including specifications indicating the location of the tent or air-supported structure on the site and adequate details regarding the location of egress facilities, seating capacity, construction and all mechanical and electrical equipment.

BOCA F-2001.3 Inspections: The entire tent or air-supported structure system may be inspected at regular intervals to assure that the installation is maintained in proper condition.

#### SECTION F-2102.0 WASTE MATERIAL PLANTS (amendment)

BOCA F-2102.1 Notification required: The Fire Official shall be notified by any person who desires to conduct or maintain any wrecking yard, junk yard or waste material handling plant or operation.

#### SECTION F-2103.0 MATERIAL STORAGE (deletion)

BOCA F-2103.1 Approval required: (Deleted)

#### SECTION F-2201.0 GENERAL (WELDING OR CUTTING, ETC.) (amendment)

BOCA F-2201.2 Notification required: Notification shall be made to the Fire Official by each company, corporation, copartnership or owner-operator performing welding or cutting operations, except as provided in Section F-2201.2.1. This notification shall not be required for each welding or cutting job location. The company, corporation, copartnership or owner-operator shall notify the Fire Official in advance where such work is taking place, except where such work is done in response to an emergency call that does not allow time for the Fire Official to be notified in advance of the work.

BOCA F-2201.2.1 Exceptions: Notification shall not be required of any company, corporation, copartnership or owner-operator where the welding or cutting is performed in areas approved for the purpose or having an approved permit system established for control of the fire hazards involved.

#### SECTION F-2207.0 CALCIUM CARBIDE SYSTEMS (amendment)

BOCA F-2207.1 Notification required for storage: A person shall not store or keep calcium carbide in excess of 200 pounds without first notifying the Fire Official.

#### SECTION F-2208.0 ACETYLENE GENERATORS (amendment)

BOCA F-2208.1 Notification required: A person shall not operate an acetylene generator having a carbide capacity exceeding five pounds without first notifying the Fire Official.

#### SECTION F-2301.0 GENERAL (HAZARDOUS MATERIALS, ETC.) (amendment)

BOCA F-2301.2 Notification required:

(1) The Fire Official shall be notified of the storage or handling of more than 55 gallons of corrosive liquids, more than 500 pounds of oxidizing materials, more than 10 pounds of organic peroxides, more than 500 pounds of nitromethane, 1,000 pounds or more of ammonium nitrate, ammonium nitrate fertilizers, and fertilizer mixtures or any amount of highly toxic material or poisonous gas.

(2) The Fire Official shall also be notified of the storage or handling of any installation of more than one microcurie of radium not contained in a sealed source, more than one millicurie of radium or other radioactive material in a sealed source or sources or any amount of radioactive material for which a specific license from the United States Atomic Energy Commission (AEC) is required in accordance with nationally recognized good practice.

#### SECTION F-2501.0 GENERAL (CELLULOSE NITRATE (PYROXYLIN) PLASTICS) (amendment)

BOCA F-2501.2 Notification required: All retailers, jobbers and wholesalers storing or handling more than 25 pounds of cellulose nitrate (pyroxylin) plastics shall notify the Fire Official.

Notification of the Fire Official shall also be made for the manufacture of articles of cellulose nitrate (pyroxylin) plastics, including the use of cellulose nitrate (pyroxylin) plastics in the manufacture or assembling of other articles.

BOCA F-2501.2.1 Nitrate film: A person shall not store, keep or have on hand more than 25 pounds of nitrate motion picture film without first notifying the Fire Official of such activity.

A person shall not sell, lease or otherwise dispose of any nitrate motion picture film to any person who has not notified the Fire Official of the anticipated activity.

#### SECTION F-2601.0 GENERAL (COMBUSTIBLE FIBERS) (amendment)

BOCA F-2601.2 Notification required: The Fire Official shall be notified of the storage and handling of combustible fibers in quantities in excess of 100 cubic feet.

#### SECTION F-2701.0 GENERAL (COMPRESSED GASES) (amendment)

BOCA F-2701.2 Notification required: The Fire Official shall be notified of the storage, handling or use at normal temperature and pressure of more than 2,000 cubic feet of flammable compressed gas or 6,000 cubic feet of nonflammable compressed gas.

#### SECTION F-2901.0 GENERAL (CRYOGENIC LIQUIDS) (amendment)

BOCA F-2901.2 Notification required: The Fire Official shall be notified of any of the following:

- (a) The production, storage or sale of cryogenic liquids;
- (b) The storage of nonflammable, nontoxic cryogenic liquids in quantities greater than 500 gallons; or
- (c) The storage or use of more than 10 gallons of liquid oxygen, flammable cryogenic liquids or cryogenic oxidizers.

#### SECTION F-2904.0 FIRE SAFETY REQUIREMENTS (amendment)

BOCA F-2904.1 General: The Fire Official shall be notified of locations which are intended for the dispensing of flammable cryogenic liquids, liquefied oxygen or liquid oxidizers. Water lines and hose shall be provided for cleaning the area and melting.

#### SECTION F-3001.0 GENERAL (EXPLOSIVES, ETC.) (amendment and deletion)

BOCA 3001.1 Scope: The equipment, processes and operations involving the manufacture, possession, storage, sale, transportation and use of explosives and blasting agents shall comply with Act 202 of the Public Acts of 1970, as amended, being Section 29.41 et seq. of the Michigan Compiled Laws, and the applicable requirements of this Code and shall be maintained in accordance with NFPA 495 and DOT 49 CFR listed in Chapter 44, except as herein specifically exempted or where provisions of this article do not specifically cover conditions and operations.

Exception: This chapter shall not apply to the following:

1. The transportation and use of explosives by federal or state military agencies or federal, state or municipal agencies while engaged in normal or emergency performance of duties.
2. The manufacture and distribution of explosive materials to or storage of explosive materials by military agencies of the United States.
3. The use of explosive materials in medicines and medicinal agencies in the forms prescribed by the U.S. Pharmacopoeia or the National Formulary.
4. Pyrotechnics such as flares, fuses and railway torpedoes.
5. Common fireworks in accordance with Chapter 31.
6. The possession, transportation and use of not more than 15 pounds (7 kg) of smokeless powder and 1,000 small arms primers for hand loading of small arms ammunition for personal use.

BOCA F-3001.2 Permit required: A permit shall be obtained in compliance with Act 202 of the Public Acts of 1970, as amended, being Section 29.41 et seq. of the Michigan Compiled Laws.

BOCA F-3001.2.1 Nonattainable approvals: (Deleted)

#### SECTION F-3101.0 GENERAL (FIREWORKS) (amendment and deletion)

BOCA F-3101.1 General: Fireworks shall comply with Act 328 of the Public Acts of 1931, as amended, being Section 750.243a et seq. of the Michigan Compiled Laws.

BOCA F-3101.2 and remainder of CHAPTER 31: (Deleted)

SECTION F-3201.0 GENERAL (FLAMMABLE AND COMBUSTIBLE LIQUIDS) (amendment and deletion)

BOCA F-3201.1 General: Flammable and combustible liquids shall comply with R 28.601 to R 28.740 of the Michigan Administrative Code, appearing on pages 79 to 136 of the 1979 Michigan Administrative Code as applicable.

BOCA F-3201.2 and remainder of CHAPTER 32, except for Section F-3206.0: (Deleted)

SECTION F-3206.0 GENERAL (SERVICE STATIONS, ETC.) (amendment)

BOCA F-3206.1 General: Service stations and garages shall comply with R 28.601 to R 28.740 of the Michigan Administrative Code, appearing on pages 79 to 136 of the 1979 Michigan Administrative Code.

SECTION F-3601.0 GENERAL (LIQUEFIED PETROLEUM GASES) (amendment and deletion)

BOCA F-3601.1 General: Liquefied petroleum gases shall comply with R 28.3801 to R 28.3819 of the Michigan Administrative Code, appearing on pages 208 to 211 of the 1979 Michigan Administrative Code.

BOCA F-3601.2 and remainder of CHAPTER 36: (Deleted)

EDITOR'S NOTE: BECAUSE OF THE 1997 UPDATING AND REVISION OF THESE CODIFIED ORDINANCES, THE NEXT NUMBERED PAGE IS PAGE 23.

## CHAPTER 1620

### Miscellaneous Regulations

1620.01 Storage of explosives; fireworks.

1620.02 Storage of combustible materials; kindling fires.

1620.03 Burning of garbage and rubbish; open burning.

1620.99 Penalty.

### CROSS REFERENCES

Fires and fire protection generally - see M.C.L.A. Secs. 29.1 et seq.

Storage and transportation of explosives - see M.C.L.A. Sec. 29.3a

Arson - see M.C.L.A. Secs. 750.71 et seq.

Construction or possession of explosive devices - see M.C.L.A. Sec. 750.211a

Authority at fires - see ADM. 232.01

Sale of gasoline, kerosene or other flammable liquids - see B.R. & T. 802.18(d)

Fires in hotels and lodging houses - see B.R. & T. 840.17, 840.18

#### 1620.01 STORAGE OF EXPLOSIVES; FIREWORKS.

(a) No person shall use or occupy any structure in the City for the keeping or storage of camphor, gunpowder, dynamite or other explosive substances without first obtaining a permit from Council. No permit for the storage of gunpowder, dynamite or other explosive substances shall be issued until the Chief of Police has first investigated and approved of the place of storage. All gunpowder stored in the City shall be secured in metal canisters with metal stoppers or covers.

(Ord. 337; 1959 Code Sec. 4-214)

(b) No person shall store, keep, sell or offer for sale any fireworks or explosives in the City, except upon such conditions as to time, place and manner of handling as Council may, by resolution, determine. (Ord. 354; 1959 Code Sec. 4-111)

#### 1620.02 STORAGE OF COMBUSTIBLE MATERIALS; KINDLING FIRES.

(a) No person shall have or keep any hay, cotton, wood shavings or hemp, in stack or pile, without having the same securely enclosed so as to protect it from flying sparks of fire, and no person shall have or place in any stove, grate or furnace, or use in lighting or kindling fires in any private house, store, hotel, shop or other building, any gasoline, benzine, naphtha or other highly explosive or flammable substance. (1959 Code Sec. 4-108)

(b) No lighted candle or lamp shall be used in any stable, building or other place where hay, straw, hemp, cotton, flax, bushes, shavings, gunpowder or other combustible or explosive materials are stored or lodged, unless the same is well secured in a lantern.

(Ord. 354; 1959 Code Sec. 4-109)

#### 1620.03 BURNING OF GARBAGE AND RUBBISH; OPEN BURNING.

(a) No person shall burn, or cause to be burned, either with or without the use of a receptacle, any garbage, rubbish, waste paper or material of any kind, in an alley, street or other public way or public place in the City.

(b) No person shall burn, or cause to be burned, any garbage, rubbish, waste paper or material of any kind, in any yard, court or vacant place in the City, except in an incinerator which has first been approved by the Fire Chief, as to location and construction, and by the Superintendent of Public Service, as to operating efficiency. No person shall operate any such incinerator which emits sparks or noxious odors or gases. The provisions of this subsection shall not apply to persons who burn under their control and in their presence loose waste paper in covered mesh receptacles which have first been approved by the Fire Chief. The mesh of such receptacles shall be of a size not larger than one inch by one inch. Such receptacles, when in use, shall be kept at least ten feet from any building or structure of nonfireproof material.

(c) The Fire Chief is hereby authorized to grant a written permit for the burning of material in open fires upon vacant lots and fields, provided that in the judgment of the Chief such fire will not endanger surrounding property or emit noxious odors, gases or smoke. All such burning shall be done under the supervision and control of the Fire Chief or his or her authorized representative.

It shall be the duty of the Fire Chief and his or her authorized representatives to enforce this section, provided, however, that the Division of Public Service, the Board of Health and the Police Department, through their proper officials and agents, shall also have the power and duty to enforce the provisions of this section relating to the burning, either with or without the use of a receptacle, of any rubbish, garbage, waste paper or material of any kind in an alley, street or other public way or public place in the City, or the burning of any garbage, rubbish, waste paper or material of any kind in any yard, court or vacant place in the City, except in an incinerator which has first been approved by the Fire Chief, as to location and construction, and by the Superintendent of Public Service, as to operating efficiency.

(d) This section shall not apply to tanners, plumbers and other mechanics pursuing a business requiring the use of a fire. However, such fire shall be made in some grate, vessel or container so that the same does not emit sparks or embers or otherwise endanger surrounding property.

(Ord. 354; Ord. 587; Ord. 847; 1959 Code Sec. 4-110)

1620.99 PENALTY.

(EDITOR'S NOTE: See Section 202.99 for general Code penalty if no specific penalty is provided.) Whoever violates or fails to comply with any of the provisions of Section 1620.03 shall be fined not more than fifty dollars (\$50.00) for a first offense; shall be fined not more than one hundred dollars (\$100.00) for a second offense; and shall be fined not more than one hundred dollars (\$100.00) or imprisoned not more than sixty days, or both, for a third or subsequent offense. (Ord. 1125. Passed 11-21-83.)