

## CHAPTER 29

### FIRE PREVENTION

#### 29.01 FIRE PREVENTION CODE

"2009 International Fire Code" as published by the International Code Council, Inc. is hereby adopted as the Fire Prevention Code of the City with the following changes, additions or insertions:

Section 101.1, insert "City of Hickory Hills".

Section 103.2, change to read "The code official is the Fire Inspector."

Section 105.1.1, add the following, "The code official shall establish a schedule of permit fees which are required to be paid in conjunction with the issuance of any required permit".

Section 108, delete in full. All appeals shall be taken as provided in the Building Code.

Section 109.3, change the first sentence to read, "A penalty of not less than \$100 nor more than \$750 is hereby imposed for each violation of this Code".

Section 111.4, delete in full.

Section 903.1, add the following: "Automatic sprinkler systems are required to be installed in residential structures only as provided in Section 24-15 of the Hickory Hills Municipal Code."

Section 3404.2.9.6.1, add the following, "The code official shall establish the limits in which the storage of Class I and Class II liquids and above-ground tanks outside of buildings is prohibited".

Section 3406.2.4.4, add the following, "The code official shall establish the limits in which the storage of Class I and Class II liquids and above-ground tanks is prohibited".

Section 3506.2, add the following, "The code official shall establish the limits in which the storage of flammable cryogenic fluids in stationary containers is prohibited".

Section 3804.2, add the following, "The code official shall establish the limits in which the storage of liquefied petroleum gas is restricted for the protection of heavily populated or congested areas".

Appendix B, Fire-Flow Requirements for Buildings, is hereby adopted.

Appendix C, Fire Hydrant Locations and Distribution, is hereby adopted.

Appendix D, Fire Apparatus Access Roads, is hereby adopted.

Appendix E, Hazard Categories, is hereby adopted.

Appendix F, Hazard Ranking, is hereby adopted.

Appendix G, Cryogenic Fluids--Weight and Volume Equivalents, is hereby adopted.

Appendix H, Hazardous Materials Management Plan (HMMP) and Hazardous Materials Inventory Statement (HMIS) Instructions, is hereby adopted.

Appendix I, Fire Protection Systems – Noncompliant Conditions, is hereby adopted.

Appendix J, Emergency Responder Radio Coverage, is hereby adopted.

In the event that the 2009 International Fire Code does not contain provisions on an issue, then the provisions of the Life Safety Code, as published by the National Fire Protection Association shall govern unless waived by the code official for due cause in hardship situations.

## **29.02 CITY FIRE INSPECTOR**

(a) There is hereby created the office of City Fire Inspector. The City Fire Inspector shall be appointed by the Mayor with the advice and consent of the City Council. The recommendations of the Fire Chief of the several Fire Protection Districts serving the City of Hickory Hills may be solicited and considered in such appointment.

(b) The City Fire Inspector may designate such subordinates as he may deem necessary to carry out the duties of his office and shall transmit the names of such subordinates to the Mayor for his approval. Any such subordinates approved by the Mayor may be called "Deputy Fire Inspectors".

(c) The City Fire Inspector and his designated subordinates shall be regular officers or members of any Fire Department serving the City of Hickory Hills, and shall be paid such compensation as may be determined by ordinance by the City Council.

## **29.03 RIGHT OF ENTRY FOR INSPECTION**

The City Fire Inspector is hereby empowered at all reasonable hours, in accordance with the law and the statutes in such case made and provided, to enter any building, structure, or premises within his jurisdiction for the purpose of making any inspection or investigation which he may deem necessary to be made under the provisions of this chapter. Nothing in this section shall be construed to allow the City Fire Inspector to enter any building in violation of any constitutional provision.

## **29.04 MODIFICATIONS**

The City Fire Inspector in conjunction with and with the approval of the Building Commissioner of the City of Hickory Hills shall have the power to modify any of the provisions of the Fire Code upon application in writing by the owner or lessee, or his duly authorized agent, where there are practical difficulties in the carrying out of the strict letter of the Fire Code as it would apply to the proposed building or structure provided, however, that the spirit of the Fire Code shall be observed, public safety secured and substantial justice done. The particulars of such modification when granted or allowed and the decision of the City Fire Inspector together with the approval of the Building Commissioner thereon shall be entered upon the records of the department and the Building Department, and a signed copy shall be furnished the applicant.

## **29.05 SMOKE DETECTORS**

Whenever the installation of a smoke detector is required in an existing multi-family building, the installation of a battery powered smoke detector shall be sufficient, except that smoke detectors permanently wired to the electrical service shall be required upon the conversion of such building to a condominium.

**CARBON MONOXIDE ALARM DETECTORS**

(a) **Definitions.** The following terms shall have the meanings set forth in this Section:

1. *Approved carbon monoxide alarm* means a carbon monoxide alarm that complies with all the requirements of the rules and regulations of the Illinois State Fire Marshal, bears the label of a nationally recognized testing laboratory, and complies with the most recent standards of the Underwriters Laboratories or the Canadian Standard Association.

2. *Dwelling unit* means a room or suite of rooms used for human habitation, and includes a single family residence as well as each living unit of a multi-family residence and each living unit in a mixed use building.

(b) **Carbon monoxide detector.**

1. Every dwelling unit shall be equipped with at least one approved carbon monoxide alarm in an operating condition within 15 feet of every room used for sleeping purposes. The carbon monoxide alarm may be combined with smoke detecting devices provided that the combined unit is an approved carbon monoxide alarm and provided that the combined unit emits a warning in a manner that clearly differentiates the hazard.

2. Every structure that contains more than one dwelling unit shall contain at least one approved carbon monoxide alarm in operating condition within 15 feet of every room used for sleeping purposes.

3. It is the responsibility of the owner of a structure to supply and install all required carbon monoxide alarms. It is the responsibility of a tenant to test and to provide general maintenance for the carbon monoxide alarms within the tenant's dwelling unit or rooming unit, and to notify the owner or the authorized agent of the owner in writing of any deficiencies that the tenant cannot correct. The owner is responsible for providing one tenant per dwelling unit with written information regarding carbon monoxide alarm testing and maintenance.

4. The tenant is responsible for replacement of any required batteries in the carbon monoxide alarms in the tenant's dwelling unit, except that the owner shall ensure that the batteries are in operating condition at the time the tenant takes possession of the dwelling unit. The tenant shall provide the owner or the authorized agent of the owner with access to the dwelling unit to correct any deficiencies in the carbon monoxide alarm that have been reported in writing to the owner or the authorized agent of the owner.

5. The carbon monoxide alarms required under this Section may be either battery powered, plug-in with battery back-up, or wired into the structure's AC power line with secondary battery back-up.

(c) **Prohibitions.**

1. It shall be unlawful for any person to fail to install or maintain a carbon monoxide alarm as required by this Section.

2. It shall be unlawful for any person to tamper with, remove, destroy or disconnect any installed carbon monoxide alarm.

3. It shall be unlawful for any person to remove batteries from an installed carbon monoxide alarm except for the purpose of contemporaneously replacing such batteries.

(d) **Exemptions.** The following residential units shall not require carbon monoxide detectors:

1. A residential unit in a building that: (i) does not rely on combustion of fossil fuel for heat, ventilation, or hot water; (ii) is not connected in any way to a garage; and (iii) is not sufficiently close to any ventilated source of carbon monoxide, as determined by the Building Commissioner, to receive carbon monoxide from that source.

2. A residential unit that is not sufficiently close to any source of carbon monoxide so as to be at risk of receiving carbon monoxide from that source, as determined by the Building Commissioner.