

**TITLE 7**

**FIRE PROTECTION AND FIREWORKS<sup>1</sup>**

**CHAPTER**

1. FIRE CODE.
2. [DELETED.]
3. [DELETED.]

**CHAPTER 1**

**FIRE CODE**

**SECTION**

- 7-101. International Fire Code adopted.
- 7-102. Updated National Fire Code standards.
- 7-103. Definitions.
- 7-104. Revisions.
- 7-105. Replacements.
- 7-106. Sprinkler requirements.
- 7-107. Geographic limits.
- 7-108. Appeals.
- 7-109. Fireworks – discharge prohibited without permit.
- 7-110. Violations.

**7-101. International Fire Code adopted.** The International Fire Code, 2012 edition, and all subsequent amendments to the 2012 edition, are hereby adopted by reference and shall become a part of this chapter as if copied herein verbatim, except as such code may be in conflict with other provisions of this chapter, in which event such other provisions of this chapter shall prevail. (Ord. #21-00, Aug. 2000, as amended by Ord. #13-05, Nov. 2005, and Ord. #9-06, June 2006, and replaced by Ord. #5-08, Jan. 2008, and Ord. #11-2012, Oct. 2012)

**7-102. Updated National Fire Protection Association standards.** Upon issuance of updated National Fire Protection Association standards, referenced in the International Fire Code, the updated National Fire Protection Association standards shall be used. The city manager or the city manager's designee shall be responsible for determining the "current" standard to be applied. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

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<sup>1</sup>Municipal code reference

Fire department; administrative organization of the city: § 1-201(5).

**7-103. Definitions.** (1) Wherever the word "municipality" is used in the International Fire Code adopted by this chapter, it shall be held to mean the City of Oak Ridge.

(2) Wherever the term "corporation counsel" is used in the International Fire Code adopted by this chapter, it shall be held to mean the attorney for the city. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**7-104. Revisions.** The following sections of the International Fire Code are hereby revised:

(1) Section 101.1. Insert: City of Oak Ridge, Tennessee for the name of the jurisdiction.

(2) Section 111.4. Insert: \$0.00 for the first amount and \$50.00 for the second amount.

(3) Section 507.5.1. Delete the text of this section in its entirety and replace with the following language:

(a) Fire hydrants, where required; Residential.

The maximum distance between fire hydrants, measured along street centerlines, shall be 450 feet.

(b) Fire hydrants, where required; Non-Residential.

On roadways, the maximum distance between fire hydrants, measured along street centerlines, shall be 1000 feet.

In addition, no point on the exterior of a commercial building may be more than 500 feet from an approved fire hydrant.

In addition, in buildings required to have a sprinkler fire protection system installed, one accessible hydrant (either public or private) will be located not more than 100 feet from the fire siamese connection. For buildings with a sprinkler system, there will be one accessible hydrant provided on each of two opposing sides of the building. The hydrant required for the sprinkler system may be counted as one of these hydrants. There shall be additional hydrants provided to meet the requirement of a maximum 500-foot distance between a hydrant and any part of the building first floor. The hydrant(s) will be situated not less than two feet and not more than 10 feet from the curb of an access road, parking area, or public road. If situated in a parking area, there will be an area of NO PARKING marked around the hydrant for an area of 15 feet on all sides.

Example: A non-residential building of a 20,000 square feet area, sprinklered, would need a minimum of two hydrants (one within 100 feet of the sprinkler siamese connection and one on the opposing side of the building).

Paved access of a minimum of 20 feet in width shall be required within 100 feet of two sides of each non-residential building. Paved access roads shall be required to be within ten feet of each required fire hydrant.

Emergency access to each side of all buildings three or more stories in height shall be provided by means of an unobstructed area of at least 12 feet in width which would support the weight of a fire ladder truck. This area is not required to be a permanent roadway, but must be accessible during an emergency. Prior to completion of grading and landscaping design, the fire department should be consulted. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**7-105. Replacements.** The square footage amounts referred to in certain sections of the International Fire Code are hereby deleted and replaced as follows:

(1) In Sections 903.2.1.1, 903.2.1.3, and 903.2.1.4 of the International Fire Code (requiring sprinkler systems to be installed at a square footage threshold), replace the number 12,000 with the number 10,000.

(2) In Section 903.2.3 of the International Fire Code (requiring sprinkler systems to be installed at a square footage threshold in Educational Occupancies), replace the number 12,000 with the number 10,000.

(3) In Sections 903.2.4, and 903.2.7 of the International Fire Code (requiring sprinkler systems to be installed at a square footage threshold), replace the number 12,000 with the number 10,000, and replace the number 24,000 with the number 20,000.

(4) In Sections 903.2.9, 903.2.9.1, and 903.2.10 of the International Fire Code (requiring sprinkler systems to be installed at a square footage threshold), replace the number 12,000 with the number 10,000. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**7-106. Sprinkler requirements.** Sprinkler requirements are set forth in title 12, chapter 2, of the code of ordinances. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**7-107. Geographic limits.** The geographic limits referred to in certain sections of the International Fire Code are hereby established as follows:

(1) Section 5504.3.1.1 (geographic limits in which the storage of flammable cryogenic fluids in stationary containers is prohibited): All Zones (as defined in the City of Oak Ridge Zoning Ordinance) except IND1, IND2, IND3, FIR and IMDO.

(2) Section 5704.2.9.6.1 (geographic limits in which the storage of Class I and Class II liquids in outside above-ground tanks is prohibited): All

Zones (as defined in the City of Oak Ridge Zoning Ordinance) except IND1, IND2, IND3, FIR and IMDO.

Flammable or combustible liquids in Zones other than IND1, IND2, IND3, FIR or IMDO. This use may be allowed on review by the fire chief. Approval will depend upon an engineering analysis of the hazards involved with the use and the location of the tank with respect to property exposures.

(3) Section 5706.2.4.4 (geographic limits in which the storage of Class I and Class II liquids in above-ground tanks is prohibited): All Zones (as defined in the City of Oak Ridge Zoning Ordinance) except IND1, IND2, IND3 FIR and IMDO.

Flammable or combustible liquids in Zones other than IND1, IND2, IND3, FIR or IMDO. This use may be allowed on review by the fire chief. Approval will depend upon an engineering analysis of the hazards involved with the use and the location of the tank with respect to property exposures.

(4) Section 6104.2 (geographic limits in which the storage of liquefied petroleum gas is restricted): All Zones (as defined in the City of Oak Ridge Zoning Ordinance) except IND1, IND2, IND3, FIR and IMDO. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**7-108. Appeals.** Appeals are made to the board of building and housing code appeals and the process is set forth in title 12, chapter 2, of the code of ordinances. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**7-109. Fireworks--discharge prohibited without a permit.** The discharge of fireworks is prohibited within the city limits without a permit, as set forth in chapter 56, Explosives and Fireworks, of the International Fire Code. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**7-110. Violations.** Section 109.3 of the International Fire Code is deleted in its entirety and replaced with the following provisions:

(1) Any person who shall violate any of the provisions of the International Fire Code adopted by this chapter or fails to comply therewith, or who shall violate or fail to comply with any order made thereunder, or who shall build in violation of any detailed statement of specifications or plans submitted and approved thereunder or any certificate or permit issued thereunder, and from which no appeal has been taken, or who shall fail to comply with such an order as affirmed or modified by the city court or by a court of competent jurisdiction, within the time fixed herein, shall severally for each and every such violation and noncompliance respectively, be guilty of a misdemeanor, punishable as provided in § 1-107 of this code of ordinances. The imposition of one (1) penalty for any violation shall not excuse the violation or permit it to continue, and all such persons shall be required to correct or remedy such

violations or defects within a reasonable time. When not otherwise specified, each day that prohibited conditions are maintained shall constitute a separate offense.

(2) The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions. (as added by Ord. #5-08, Jan. 2008, and replaced by Ord. #11-2012, Oct. 2012)

**CHAPTER 2**

**[DELETED]**

(as deleted by Ord. #5-08, Jan. 2008)

**CHAPTER 3**

**[DELETED]**

(as deleted by Ord. #5-08, Jan. 2008)