

**Chapter 14.24**

**INTERNATIONAL FIRE CODE**

**Sections:**

**14.24.010 International Fire Code, 2015 Edition, adopted by reference, generally.**

**14.24.020 Purpose of the International Fire Code.**

**14.24.040 Amendments to certain provisions of the International Fire Code.**

**14.24.070 Penalties for violations of the International Fire Code.**

**14.24.010 International Fire Code, 2015 Edition, adopted by reference, generally.**

Pursuant to Title 31, Article 16, 1973 C.R.S., and the Lakewood Municipal Charter, the International Fire Code of the International Code Council, 2015 Edition, including Appendices B, C, D, F, G, H, I, K and L, hereinafter "International Fire Code," is hereby adopted by reference, subject to the deletions, amendments and additions contained herein.

(Ord. O-2018-6 § 11, 2018; Ord. 2011-10 § 13, 2011; Ord. O-2006-17 § 13, 2006; Ord. O-2003-20 § 8, 2003).

**14.24.020 Purpose of the International Fire Code.**

The purpose of the International Fire Code is to govern the maintenance of buildings and premises; to safeguard life, health, property, and public welfare by regulating the storage, use and handling of dangerous and hazardous materials, substances and processes and by regulating the maintenance of adequate egress facilities.

(Ord. O-2018-6 § 11, 2018; Ord. 2011-10 § 13, 2011; Ord. O-2006 17 § 13, 2006; Ord. O-2003-20 § 8, 2003).

**14.24.040 Amendments to certain provisions of the International Fire Code.**

Certain provisions of the International Fire Code, as indicated herein, are amended.

A. The provisions of Chapter 1 shall contain the following amendments:

1. Subsection 101.1 is deleted.
2. Section 103 is deleted.
3. A new subsection 105.49 is added to read as follows:

105.49 Assisted Living Facilities. An operational permit issued by the fire authority having jurisdiction is required for the operation and maintenance of assisted living facilities.

4. Section 108 is replaced with the following:

Board of Appeals. Persons aggrieved under this Chapter 14.24 shall file an appeal with the Board of Appeals of the City of Lakewood as provided in Chapter 14.12 of the Lakewood Municipal Code.

5. Subsection 109.3 is deleted
6. Subsection 111.4 is deleted
7. Section 113 is replaced with the following:

Fees and valuation for permits required by this code shall be as specified in Section 14.01.060 of the Lakewood Building Code.

B. The provisions of Chapter 5 shall include the following amendments:

1. Subsection 503.2.1 is replaced with the following:

503.2.1 Dimensions: Public streets. Public streets that are used for fire apparatus access roads shall have an unobstructed width that meets the dimensions in the *Engineering Regulations, Construction Specifications and Design Standards* of the City of Lakewood; and an unobstructed vertical clearance of not less than 13 feet 6 inches.

503.2.1.1 Dimensions: Private streets, roads, drives. Private streets, roads, drives or any other areas on private property designated as fire apparatus access roads shall have an unobstructed width of not less than 24 feet, except for approved security gates in accordance with Section 503.6, and an unobstructed vertical clearance of not less than 13 feet 6 inches.

2. Subsection 503.2.4 is replaced with the following:

503.2.4 Turning radius. A public street used as a fire apparatus access road shall have intersection and centerline turning radii meeting the dimensions of the *Transportation Engineering Design Standards* of the City of Lakewood. The required turning radius of a fire apparatus access road on private property shall be an inside radius of 25 feet and an outside radius of 50 feet or as determined by the fire code official. Computer modeling may be required to establish that the fire apparatus of the fire authority having jurisdiction can adequately maneuver proposed access pathways.

3. Subsection 503.2.8 is replaced with the following:

503.2.8 Angles of Approach and Departure. The angles of approach and departure for fire apparatus access roads shall be no greater than 10% or within the limits established by the fire code official based on the fire apparatus.

4. Subsection 507.5.1 is amended as follows:

1. Exception 1 is deleted.

2. Exception 2 is removed and replaced with the following: For buildings equipped with an approved automatic sprinkler system installed in accordance with Section 903.3.1.1 or 903.3.1.2, a fire hydrant shall be located a minimum of 50 feet and a maximum of 100 feet from the Fire Department Connection(s) in an approved location.

5. Subsection 507.5.1.1 is replaced with the following:

507.5.1.1 Hydrants for standpipe systems. Hydrants for standpipe and/or automatic sprinkler systems. Buildings equipped with a standpipe system installed in accordance with Section 905, and/or an automatic sprinkler system installed in accordance with 903.3.1.1 or 903.3.1.2 shall have a fire hydrant a minimum of 50 feet and a maximum of 100 feet from the fire department connection(s) in an approved location.

6. Subsection 510.1.1 is replaced with the following:

510.1.1 Minimum signal strength into the building. A minimum signal strength of -85 dBm shall be receivable within the building.

7. Subsection 510.1.2 is replaced with the following:

510.1.2 Minimum signal strength out of the building. A minimum signal strength of -90 dBm shall be received by the agency's radio system when transmitted from within the building.

8. A new subsection 510.4.1.3 is added to read as follows:

510.4.1.3 Field strength. If the field strength outside the building where the receive antenna for the in-building system is located is less than -85dBm, the minimum required in-building field strength shall equal the field strength being delivered to the receive antenna of the building.

9. A new subsection 510.5.5 is added to read as follows:

510.5.5 Rating. All essential components shall be installed in a room accessible for repair and testing within the structure that is rated at 2-hours.

- D. The provisions of Chapter 9 shall include the following amendments:

1. Subsection 901.6. is replaced with the following:

901.6 Inspection, testing and maintenance. Fire detection, alarm and extinguishing systems shall be maintained in an operative condition at all times, and shall be replaced or repaired where defective. Non-required fire protection systems and equipment shall be inspected, tested and maintained or removed. The Fire Marshal shall approve the removal of any non-required fire protection systems or equipment.

2. Subsection 903.4.2 is replaced with the following:

903.4.2 Alarms. An approved audible/visual appliance, located on the exterior of the building in an approved location, shall be connected to each automatic sprinkler system. Such sprinkler water-flow alarm appliances shall be activated by water flow equivalent to the flow of a single sprinkler of the smallest orifice size installed in the system. Where a fire alarm system is installed, actuation of the automatic sprinkler system shall actuate the building fire alarm system.

3. A new subsection 907. 6.6.3 is added to read as follows:

907.6.6.3 Separate panels required. Fire alarm panels and security alarm panels shall be separate and not combined.

- E. The provisions of Chapter 10 shall include the following amendment:

1. Subsection 1025.1 is replaced with the following:

1025.1 General. Approved luminous egress path markings delineating the exit path shall be provided in high-rise buildings of Groups A, B, E, I, M, R-1 and R-2 in accordance with Section 1025.1 through 1025.5.

F. The provisions of Chapter 53 shall include the following amendment:

1. Subsection 5307.1 is replaced with the following:

5307.1 Incompatible materials. Compressed gas containers, cylinders and tanks shall be separated from each other based on the hazard class for their contents and shall be separated from incompatible materials in accordance with 5303.9.8. The provisions of this section shall apply to both new and existing systems.

G. The provisions of Chapter 56 shall include the following amendment:

1. A new subsection 5610 is added to read as follows:

5610 Other requirements. This chapter shall be interpreted to be consistent with the provisions of §12-28-101, et seq., CRS and any applicable municipal ordinance which shall govern all fireworks, their sale, storage and use.

H. The provisions of Chapter 61 shall include the following amendment:

1. Subsection 6109.13 is amended by deleting the exception.

I. The provisions of Appendix B shall include the following amendments:

1. Table B105.1(1) is amended to require the minimum fire flow for all fire flow calculation areas to be no less than 1000 gallons per minute.

2. Table B105.2 is amended change the reduction percentage allowed to 50% of the value in Table B105.1(2).

(Ord. O-2018-6 § 11, 2018; Ord. 2011-10 § 13, 2011; Ord. O-2006-17 § 13, 2006; Ord. O-2003-20 § 8, 2003).

**14.24.70 Penalties for violations of the International Fire Code.**

A. Any person who violates any of the provisions of the code adopted by this chapter or fails to comply therewith, or who violates or fails to comply with any order made thereunder, or who builds 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 fails to comply with such an order, as affirmed or modified by the Board of Appeals or by a court of competent jurisdiction, within the time fixed in this chapter, shall severally for each and every violation and non-compliance respectively, be subject to the penalties set forth in Section 1.16.020. The imposition of one 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 deficits within a reasonable time, and when not otherwise specified, each day that prohibited conditions are maintained shall constitute a separate offense.

B. The application of the above penalty shall not be held to prevent the enforced removal of prohibited conditions.

(Ord. O-2018-6 § 11, 2018; Ord. O-2017-16 § 23, 2017; Ord. 2011-10 § 13, 2011; Ord. O-2006-17 § 13, 2006; Ord. O-2003-20 § 8, 2003).