

# **SPRINGFIELD FIRE DEPARTMENT**

## **FIRE SAFETY DIVISION**

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### **Smoke Detector and CO Detector Rules**

#### **Single Family - Smoke**

The Life Safety Code (NFPA 101) passed in 1976 was the first document that “required” smoke alarms in every home.

In 1988 BOCA, ICBO and SBCCI Building codes began to require smoke alarms to be interconnected and hard wired to the homes AC power source in all new home construction. The State of Illinois required at least one smoke detector within 15 feet of every room used for sleeping and one on every level including basements. At the same time enacted the placement location rules (6” and 4”). This also applies if structure is significantly remodeled.

In 1993, NFPA 72 required smoke alarms in every bedroom.

In 1999 NFPA required the replacement of all smoke alarms after 10 years of use.

**In 2018 the legislature passed a law effective January 1, 2023** to require all smoke detectors in Illinois to be sealed 10 year battery smoke detectors(non hard wired).

#### **Single Family – CO**

Passed in 2006 all homes and hotels have a carbon monoxide detector within 15 feet of every sleeping space. State law allows for only one CO detector per individual home assuming above spacing is met.

#### **425 ILCS 60**

Sec. 4. (a) Except as provided in subsection (c), willful failure to install or maintain in operating condition any smoke detector required by this Act shall be a Class B misdemeanor. (b) Except as provided in subsection (c), tampering with, removing, destroying, disconnecting or removing the batteries from any installed smoke detector, except in the course of inspection, maintenance or replacement of the detector, shall be a Class A misdemeanor in the case of a first conviction, and a Class 4 felony in the case of a second or subsequent conviction. (Source: P.A. 100-200, eff. 1-1-23; 100-863, eff. 8-14-18.)

#### **Multi Family – Smoke**

##### **Same as above with the following additions**

##### **94.34 and 94.35. All multi-dwelling units alarm system specifications..**

a. All multi dwelling buildings which meet any of the following criteria, shall have a fire alarm system following the specifications of section (b) below:

1. 13 dwelling units or more
2. 4 stories or more (A story equals any level with more than 50% of its height above any perimeter grade, measured interior ceiling to floor.)
3. 3 stories or less where direct exterior exiting is not available from each dwelling unit

b. The owner or his agent of any existing multi-dwelling unit which meets any of the criteria set forth in section (a) shall install a fire alarm detection system consisting of: