



FIRE PREVENTION REGULATIONS RESIDENTIAL CARBON MONOXIDE ALARMS AND DETECTORS

CITY OF LACONIA FIRE PREVENTION DIVISION
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FIRE
PREVENTION
Smoke Detection

200-2A

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Definitions:

Automatic fire warning device - means a wall or ceiling mounted assembly containing an ionization chamber or photoelectric type of smoke detector, control equipment, and audible alarm in one unit which detects visible or invisible particles of combustion and which, upon detection of smoke, activates the alarm.

Building - means any structure, framework or housing, public or private, excluding single-family dwellings and multi-unit dwellings as defined, but including tanks, receptacles and containers for the storage of commodities or other materials.

Multi-unit Dwelling - means any structure not defined above as a building, which contains two or more single units which provide permanent or transient living facilities which may or may not include cooking and eating facilities, for one or more persons. This term shall include but not be limited to: rooming houses, dormitories, motels, hotels, apartment buildings, buildings which contain condominium units, duplexes, and houses; provided, however, that such buildings contain two or more units.

Rental Unit - means any residential unit in a building or single-family dwelling, which provides permanent or transient living facilities for one or more persons, which is occupied by tenants on a rental basis. This term shall include but not be limited to: hotels, motels, dormitories, apartments, duplex units, rooms rented out of the home of another, and single-family dwellings, so long as they are rented.

Single-Family Dwelling - means any structure not defined above as a building which contains one dwelling unit, which is designed to be occupied for living purposes, and which is used by one, two or more families exclusively as a home.

Substantially Rehabilitated - means any improvement to a building or single-family dwelling, which is valued at an amount greater than 1/2 of the assessed valuation of the building or dwelling. Please note this amount is based on the assessed value not the resale value. AHJ reserves the right to bring a building up to current code requirements if the improvements will benefit the life safety of occupants.

1.) SINGLE-FAMILY DWELLINGS:

When They Are Required:

Carbon Monoxide alarms shall be installed in all single-family dwellings built or substantially renovated after January 1, 2010.

Exception:

A carbon monoxide detection device shall not be required if the single-family dwelling does not have an attached garage and does not contain an appliance or device that uses a combustion method of burning solid, liquid or gas fuel. If a garage or combustion fuel appliance or device is later added to the dwelling, carbon monoxide detection shall be required.

Locations of Installation:

Carbon Monoxide alarms or detectors shall be installed as follows:

- Outside of each separate sleeping area in the immediate vicinity of the bedrooms.
- On each occupiable level of the dwelling, including basements but not including crawl spaces and uninhabitable attics.
- Where fuel-burning appliances are located within a bedroom or its attached bathroom, a Carbon Monoxide alarm shall be installed within the bedroom.

Powering the Detectors:

New Construction:

Carbon Monoxide alarms shall receive their primary power from the building's wiring (hardwired) and when the primary power is interrupted shall receive power from a battery (battery backup). ⁽¹⁾
Existing with Alterations, Repairs and Additions:

Exception:*

Carbon Monoxide alarms shall be permitted to be battery operated where installed in buildings without commercial power.

Existing:

Carbon Monoxide alarms shall be permitted to be battery operated where installed in buildings without commercial power.

Interconnection of the Detectors:

New Construction Only:

When two or more alarms are installed within an individual dwelling unit, suite of rooms, or similar area, they shall be arranged so the operation of any alarm causes all alarms within these locations to sound.

GENERAL REQUIREMENTS:**Combination Smoke/Carbon Monoxide Devices:**

Combination devices are permitted provided that they meet the requirements of UL 217 and UL2034.

Maintenance of Devices Required:

The owner of a single-family, multi-unit dwelling, or rental unit shall be responsible for maintaining the automatic fire warning device in a suitable condition.

No person, tenant or occupant of a rental unit shall remove any battery from a Carbon Monoxide alarm or detector, disconnect the primary power to a Carbon Monoxide alarm or detector, or tamper with or otherwise render inoperable ant Carbon Monoxide alarm or detector.

