

Carbon Monoxide Detection Requirements: 2010 Fire Code of New York State (One-family dwellings)

610.3.1.1 Buildings constructed on or after January 1, 2008.

610.3.1.1.1 A carbon monoxide alarm shall be provided on each story containing a sleeping area, within 15 feet of the sleeping area. More than one carbon monoxide alarm shall be provided where necessary to assure that no sleeping area on such story is more than 15 feet away from a carbon monoxide alarm.

610.3.1.1.2 A carbon monoxide alarm shall be provided on each story that contains a carbon monoxide source.

610.3.1.2 Buildings constructed prior to January 1, 2008. A carbon monoxide alarm shall be provided on the lowest story containing a sleeping area, within 15 feet of the sleeping area. More than one carbon monoxide alarm shall be provided where necessary to assure that no sleeping area on such story is more than 15 feet away from a carbon monoxide alarm.

Carbon Monoxide Detection Requirements: (Two-family dwellings, townhouses, condos, co-ops.)

610.3.2.1 Buildings constructed on or after January 1, 2008. Within each dwelling unit:

610.3.2.1.1 A carbon monoxide alarm shall be provided on every story containing a sleeping area, within 15 feet of the sleeping area. More than one carbon monoxide alarm shall be provided where necessary to assure that no sleeping area on such story is more than 15 feet away from a carbon monoxide alarm.

610.3.2.1.2 A carbon monoxide alarm shall be provided on every story that contains a carbon monoxide source.

610.3.2.2 Buildings constructed prior to January 1, 2008. Within each dwelling unit, a carbon monoxide alarm shall be provided on the lowest story containing a sleeping area, within 15 feet of the sleeping area. More than one carbon monoxide alarm shall be provided where necessary to assure that no sleeping area on such story is more than 15 feet away from a carbon monoxide alarm.

Smoke Detection Requirements: 2010 Property Maintenance Code of New York State (1&2 Family dwellings, townhouses, condos, co-ops.)

704.2 Smoke alarms. Single or multiple-station smoke alarms shall be installed and maintained in Groups R-3.... (1&2 Family Dwellings).... regardless of occupant load at all of the following locations:

1. On the ceiling or wall outside of each separate sleeping area in the immediate vicinity of bedrooms.
2. In each room used for sleeping purposes.
3. In each story within a dwelling unit, including basements and cellars but not including crawl spaces and uninhabitable attics. In dwellings or dwelling units with split levels and without an intervening door between the adjacent levels, a smoke alarm installed on the upper level shall suffice for the adjacent lower level, provided that the lower level is less than one full story below the upper level.

704.3 **Power source.** In Group R occupancies (Residential) and in dwellings not regulated as Group R occupancies, single-station smoke alarms shall receive their primary power from the building wiring, provided that such wiring is served from a commercial source and shall be equipped with a battery backup. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for overcurrent protection.

Exception: Smoke alarms are permitted to be solely battery operated in buildings where no construction is taking place, buildings that are not served from a commercial power source and in existing areas of buildings undergoing alterations or repairs that do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for building wiring without the removal of interior finishes.

704.4 **Interconnection.** Where more than one smoke alarm is required to be installed within an individual dwelling unit in GroupR-3,(1&2 Family Dwellings) the smoke alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed. **Exceptions:**

1. Interconnection is not required in buildings which are not undergoing alterations, repairs or construction of any kind.
2. Smoke alarms in existing areas are not required to be interconnected where alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for interconnection without the removal of interior finishes.

2010 Residential Code of New York State

R313.1 Smoke detection and notification. All smoke alarms shall be listed in accordance with UL 217 and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 72. *Household fire alarm systems installed in accordance with NFPA 72 that include smoke alarms, or a combination of smoke detector and audible notification device installed as required by this section for smoke alarms, shall be permitted.* (If a low voltage central station alarm system is installed single station devices are not required.)