

SMOKE ALARM REQUIREMENTS: 2007 Residential Code of New York State:

[F] R313.1 Smoke alarms. Smoke alarms shall be installed in the following locations:

1. In each sleeping room.
2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.
3. On each additional story of the dwelling, including basements 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.

When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation 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.

Exception: Interconnection is not required where smoke alarms are permitted to be battery operated in accordance with Section R313.1.2 .

All smoke alarms shall be listed and installed in accordance with the provisions of this code and the household fire warning equipment provisions of NFPA 72.

And here is Section R313.1.2:

[F] R313.1.2 Power source. In new construction, the required smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, or an on-site electrical power system and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection. Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power or an on-site electrical power system or in

buildings that undergo repair, alteration, change of occupancy, addition or relocation in accordance with Appendix J .

And from Appendix J:

AJ504.2 Smoke alarms. When interior alterations occur in existing dwellings, the individual dwelling unit shall be provided with smoke alarms located as required for new dwellings; the smoke alarms shall be interconnected and hard wired.

Exception: Except for bed and breakfast dwellings, smoke alarms in existing areas shall not be required to be interconnected and hard wired where interior wall or ceiling finishes are not removed to expose the structure.

The complete New York State Building Codes are available online

Amanda's Law: Carbon Monoxide Alarm Requirements

“In the case of a building constructed on or after January 1, 2008, a carbon monoxide alarm shall be installed in each of the following locations:

1. Within each dwelling unit or sleeping unit, on each story having a sleeping area.
2. Within each dwelling unit or sleeping unit, on each story where a carbon monoxide source is located.

Carbon monoxide source. The term ‘carbon monoxide source’ includes fuel fired appliances, equipment, devices and systems; solid fuel burning appliances, equipment, devices and systems; all other appliances, equipment, devices and systems that may emit carbon monoxide; fireplaces; garages; and all other motor vehicle-related occupancies.

“One carbon monoxide alarm installed on a story of a dwelling unit or sleeping unit having both a sleeping area and a carbon monoxide source shall suffice for that story within that dwelling unit or sleeping unit.

“In the case of a building constructed before January 1, 2008, a carbon monoxide alarm shall be installed in each of the following locations:

- “1. Within each dwelling unit or sleeping unit, on the lowest story having a sleeping area.

“When more than one carbon monoxide alarm is required to be installed within an individual dwelling unit, the alarms shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all sleeping areas over background noise levels with all intervening doors close.

“**Exception:** Interconnection is not required where carbon monoxide alarms are permitted to be battery operated in accordance with section RR313.4.2.

“All carbon monoxide alarms shall be listed and labeled as complying with UL 2034 or CAN/CSA 6.19, and shall be installed in accordance with the manufacturer's installation instructions and this code.

“RR313.4.1 **Prohibited locations.** Carbon monoxide alarms shall not be located within or near the openings to garages, bathrooms or furnace rooms. Carbon monoxide alarms shall also not be located in or near locations specified as ‘prohibited,’ ‘not recommended’ or the like in the manufacturer’s installation instructions.

“RR313.4.2 **Power source.** The required carbon monoxide alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source or an on-site electrical power system, and when primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

“**Exception.** Carbon monoxide alarms shall be permitted to be battery operated when installed in buildings without commercial power or an on-site electrical power system or in buildings constructed before January 1, 2008.