



CITY OF LANSING

Department of Economic Development and Planning

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Smoke and Carbon Monoxide Alarms

R314.3 Location. 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 and habitable attics 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.

R314.2.2 Alterations, repairs, and additions. When alterations, repairs, or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings.

Exceptions:

1. Work involving the exterior surface of dwellings, such as the replacement of roofing or siding, or the addition or replacement of windows or doors, or the addition of a porch or deck, are exempt from the requirements of this section.
2. Installation, alteration or repairs of electrical, plumbing or mechanical systems are exempt from the requirements of this section.

R314.6 Power Source. Smoke alarms shall receive their primary power from the building wiring when such wiring is served from a commercial source, 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.

Exceptions:

1. Smoke alarms shall be permitted to be battery operated when installed in buildings without commercial power.
2. Smoke alarms installed in accordance with Section R314.2.2 shall be permitted.

R314.4 Interconnection. Where more than 1 smoke alarm is required to be installed within an individual dwelling unit in accordance with Section R314.3, the alarm device shall be interconnected in such a manner that the actuation of 1 alarm will activate all of the alarms in the individual unit. Physical interconnection of smoke alarms shall be required where listed wireless alarms are installed and all alarms sound upon activation of 1 alarm.

Exception: Interconnection of smoke alarms in existing areas shall not be required.

R315 Carbon Monoxide Alarms. For new construction or existing buildings requiring a building permit that has an attached garage or fuel-fired appliances, carbon monoxide alarms shall be installed outside of each separate sleeping area in the immediate vicinity of the bedrooms and shall receive power the same as smoke alarms.

