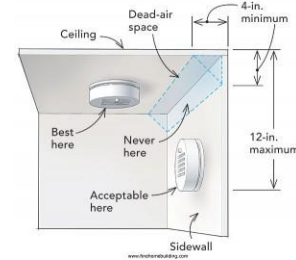




Smoke Alarms

2020 MINNESOTA RESIDENTIAL CODE

Section R314.3.1 R314.2.2 Alterations, repairs and additions. An Individual *dwelling unit* shall be equipped with smoke alarms located as required for new *dwellings* when:



Examples are:

1. Alterations, repairs (including installation or replacement of windows or doors), or additions requiring a building permit occur; or
1. One or more sleeping rooms are added or created in an existing dwelling
2. Interior remodel including basement or bathroom finish

Exceptions:

1. Work involving the exterior surfaces of *dwellings*, such as the replacement of roofing or siding, or the addition of a an open porch or deck, or chimney repairs.
2. Installation, alteration, or repairs of plumbing, electrical, or mechanical systems.

R314.3 Location. 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* and not including crawl spaces and uninhabitable *attics*.
4. Smoke alarms shall be installed not less than 3 feet horizontally from the door or opening of a bathroom that contains a bathtub or shower unless this would prevent placement of a smoke alarm required by this section.
5. Smoke alarms shall not be installed near cooking appliance locations unless this would prevent placement of a smoke alarm in a location required as noted above

***Interconnection** of smoke alarms in existing areas shall not be required where alterations or repairs do not result in removal of interior wall or ceiling finishes exposing the structure.

Carbon Monoxide Alarms

2020 MINNESOTA RESIDENTIAL CODE

R315.2.2 Alterations, repairs, and additions. An individual *dwelling unit* shall be equipped with carbon monoxide alarms located as required for new *dwellings* where:

1. Alterations, repairs (including installation or replacement of windows or doors), or additions requiring a building permit occur; or
2. One or more sleeping rooms are added or created in existing dwellings.

Exceptions:

1. Work involving the exterior surfaces of *dwellings*, such as the replacement of roofing or siding, the addition of an open porch or deck, or chimney repairs.
2. Installation, alteration, or repairs of plumbing, electrical, or mechanical systems.

R315.3 Location. Carbon monoxide alarms in *dwelling units* shall be installed ***outside*** of and not more than 10 feet from each separate sleeping area or bedroom. Alarms shall be installed on each level containing sleeping areas or bedrooms. Where a fuel-burning *appliance* is located within a bedroom or its attached bathroom, carbon monoxide alarm shall be installed within the bedroom.

***Interconnection** of carbon monoxide alarms in existing areas shall not be required where *alterations* or *repairs* do not result in removal of interior wall or ceiling finishes exposing the structure.

Effective Dates:

1. January 1, 2007 – newly constructed single family and multifamily dwellings
2. August 1, 2008 – existing single family homes
3. August 1, 2009 – existing multifamily and apartment dwelling units