

Smoke Alarm & Carbon Monoxide Alarm Requirements

(2020 Minnesota Residential Code)



Smoke Alarms



Section R314.2.2. When alterations, repairs, or additions requiring a permit occurs in existing dwellings, **smoke alarms** shall be located (R314.3): *in each bedroom, in the immediate vicinity outside of each bedroom and on each level.* Alarms cannot be located: less than 3 feet horizontally from the door or opening of a bathroom that has a bathtub or shower, unless this prevents placement of the alarm required by this section.

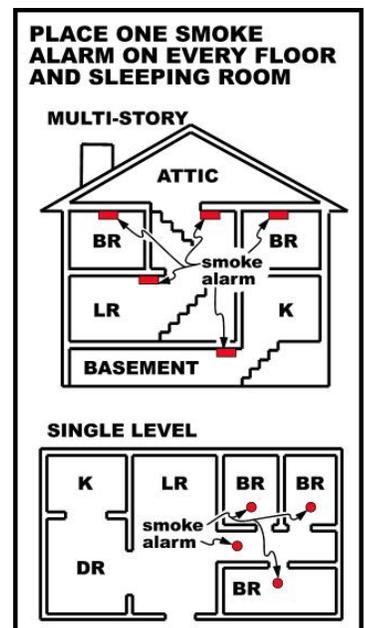
Examples of work that apply are:

1. Installation or replacement of windows or doors
2. Alterations, repairs or additions
3. When one or more sleeping rooms are added
4. Interior remodel including basement or bathroom finish

Exceptions:

1. Work on exterior surfaces of the dwelling such as roofing and siding
2. The addition of an open porch or deck, or chimney repairs
3. Installation, alteration or repairs of plumbing, electrical, or mechanical systems
4. Interconnection and hardwiring of smoke alarms is not required in existing areas with finished ceilings and walls; *“may be battery powered”*

Carbon Monoxide (CO) Alarms



Section R315.2.2. Where work requiring a permit occurs in existing dwellings with attached garages or fuel fired appliances, **CO alarms** shall be located (R315.3): *within 10 feet “outside” of each sleeping area or bedroom or; “in the bedroom”* if the bedroom or its attached bathroom has a fuel burning appliance.

NOTE: Examples and exceptions for **CO alarms** are the same as those for **Smoke Alarms**.