



CITY *of* CLOVIS

BUILDING DEPARTMENT

1033 FIFTH STREET • CLOVIS, CA 93612

California Residential Code · Smoke & Carbon Monoxide Alarms

2019 California Residential Code, Section R314 Smoke Alarms.

General guidelines for the installation of smoke alarms or smoke detectors:

R314.2.2 Alteration, repairs, and additions.

Where alteration, repairs, or additions require a permit, the individual unit shall be equipped with smoke alarms located as required for new dwellings.

Section R314.3 Locations.

- In each sleeping room.
- Outside each separate sleeping area in the immediate vicinity of the bedrooms.
- On each additional story of the dwelling, including basement and habitable attics and not including crawl spaces and uninhabitable attics. In 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.
- 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.
- Smoke alarms and smoke detectors shall not be installed within a 36-inch horizontal path from the supply register of a forced-air heating or cooling system and shall be installed outside of the direct airflow from the register.
- Smoke alarms and smoke detectors shall not be installed within a 36-inch horizontal path from the tip of the blade of a ceiling-suspended (paddle) fan.
- For tray-shaped ceilings (coffered ceilings), smoke alarms and smoke detectors shall be installed on the highest portion of the ceiling or on the sloped portion of the ceiling within 12 inches vertically down from the highest point.
- Smoke alarms shall receive their primary power from the building wiring and shall have battery backup. There are some exceptions; if no construction is taking place, that will result in the removal of the interior wall or ceiling finishes exposing the structures. Solely battery-operated smoke alarms that are not interconnected are ok.

2019 California Residential Code, Section R315 Carbon Monoxide Alarms.
General guidelines for the installation of carbon monoxide alarms:

R315.2 Where required. Carbon monoxide alarms shall be provided in accordance with section R315.2.1 and R315.2.2.

Pursuant to Health and Safety Code Section Code section 17926, carbon monoxide devices shall be installed in all existing dwelling units as required in this section.

Section R315.2.1 For existing buildings and new construction, carbon monoxide alarms shall be provided in dwelling units where either or both of the following conditions exist.

- The dwelling unit contains a fuel-fired appliance or fireplace.
- The dwelling unit has an attached garage with an opening the communicates with the dwelling unit.

R315.2.2 Alteration, repairs, and additions. Where an addition is made to an existing dwelling, or a fuel-burning heater, appliance, or fireplace is added to an existing dwelling, not previously required to be provided with carbon monoxide alarms, new carbon monoxide alarms shall be installed in accordance with section R315.

R315.3 Locations: Carbon monoxide alarms in dwelling units shall be installed and maintained in accordance with the manufacturer's published instructions in the following locations:

- Outside of each separate sleeping area in the immediate vicinity of the bedrooms.
- On every occupiable level of a dwelling unit, including basements.
- Where a fuel-burning appliance is located in a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom.
- Carbon monoxide alarms shall receive their primary power from the building wiring and shall have battery backup. There are some exceptions; please ask the building inspector or plans examiner for help with these exceptions.

When the installation is complete, please call for an inspection. You will need to provide access to the interior so that the building inspector can verify smoke and carbon monoxide alarms are correctly installed.

Note: Waiver documentation will not be accepted.