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Carbon Monoxide Alarms in New Single-Family Dwellings 2025 CALIFORNIA RESIDENTIAL CODE (CRC)

Several new code changes in this section

Location within dwelling units. 2025 CRC Section R311 in dwelling units, a Carbon Monoxide alarm shall be installed and maintained in accordance with the manufacturer's published instructions and in the following locations:

R311.1.1 Listings, Carbon monoxide alarms shall be listed in accordance with UL 2034. Combination carbon monoxide and smoke alarms shall be listed in accordance with UL 2034 and UL 217.

No person shall install, market, distribute, offer for sale, or sell any carbon monoxide device in the State of California unless the device and instructions have been approved and listed by the Office of the State Fire Marshal.

R311.2 Where Required. Carbon monoxide alarms shall be provided in accordance with sections R311.2.1 and R311.2.2.

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

R311.2.1 Existing Buildings and New Construction, for existing buildings and new construction, carbon monoxide alarms shall be provided in dwelling units where either or both of the following conditions exist.

1. The dwelling unit contains a fuel-fired appliance or *fireplace*.
2. The dwelling unit has an attached garage with an opening that communicates with the dwelling unit. (door or opening from the house to the garage)

R311.2.2 Alterations, 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, shall install in accordance with Section R311.

Exceptions:

1. Work involving the exterior surfaces 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.

2. Installation, alteration, or repairs of plumbing or mechanical systems. Installation, alteration or repairs of mechanical systems that are not fuel-fired (NEW)

R311.3 Location, Carbon Monoxide Alarms in dwelling units shall be installed and maintained in accordance with the Manufacturer's published instructions in the following locations:

1. Outside of each separate sleeping area in the immediate vicinity of the bedrooms.
2. *On every occupiable level of a dwelling unit, including basements.*
3. Where a fuel-burning appliance is located within a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom.

R311.5 Interconnectivity, Where more than one carbon monoxide alarm is required to be installed within an individual dwelling unit in accordance with Section 311.3, the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all the alarms in the individual dwelling unit.

Physical interconnection of carbon monoxide alarms shall not be required where listed wireless alarms are installed, and all alarms sound upon activation of one alarm.

Exceptions: There are a few exceptions to this requirement. Please refer to those exceptions.