

## City of Ripon Building Department

259 N. Wilma Avenue ~ Ripon, CA 95366  
Phone: (209) 599-2613 Fax: (209) 599-2183



# Smoke and Carbon Monoxide Alarms

## Code Interpretation

### Smoke and Carbon Monoxide Alarms in Existing Family Dwellings

(Based on Sections R314 and R315 of the 2022 California Residential Code)

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 unit shall be equipped with **smoke alarms** to be installed as follows:

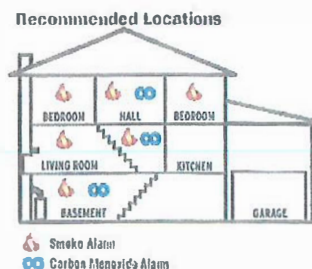
#### Location

- In each sleeping room.
- Outside each separate sleeping area in the immediate vicinity of the bedrooms.
- On every level of the dwelling, including basements and habitable attics 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.

***Smoke alarms installed in one or two-family dwellings shall be replaced after 10 years from the date of manufacture marked on the unit, or if the date of manufacture cannot be detected.***

When a permit is required for alterations, repairs or additions exceeding one thousand dollars (\$1,000), existing dwelling or sleeping units that have an attached garage or a fuel-burning appliance shall be provided with a **carbon monoxide alarm**. Alarms shall be required in adjacent to each sleeping area and shall be installed in the following locations:

- Outside of each separate dwelling unit sleeping area in the immediate vicinity of bedrooms.
- On every level of a dwelling unit including basements.
- In sleeping areas with a fuel burning appliance.



#### Interconnection

Where more than one smoke/carbon monoxide alarm is required to be installed within an individual dwelling unit, the smoke/carbon monoxide alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. All alarms shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.

#### Power Source

Smoke/carbon monoxide alarms shall receive their primary power from the building wiring provided that such wiring is served from a commercial source and shall be equipped with a battery backup. Wiring shall be permanent and without a disconnecting switch other than as required for over current protection. All alarms are to be installed in accordance with the approved manufacturer's instructions.

**Note:** The above information is not intended to violate any manufacturer's specifications or instructions but is to be used for interpretation of the 2022 California Residential Code.

### **PROPERTY OWNER'S COPY**

(Please detach & leave completed certification letter with the inspection card)



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### Smoke and Carbon Monoxide Alarms Certification Letter

**Date:** \_\_\_\_\_

**Permit #:** \_\_\_\_\_

**Project Address:** \_\_\_\_\_

**The permit will not be finaled until this certification letter is complete and signed by the property owner. Please leave certification letter with the inspection card on job site or return to the City of Ripon Building Department.**

I / We, the owners of this property, certify under penalty of perjury that smoke alarm(s) and carbon monoxide alarm(s) have been installed by me/us, or the contractor, in our residence listed above in accordance with the 2022 California Residential Code and with the manufacturer's installation requirements, and that they have been tested and are operable. Smoke alarms have been installed in every sleeping room, hallway leading to a sleeping room, and on each story. Carbon monoxide alarms have been installed adjacent to each bedroom, bedrooms with gas appliances including fireplaces, and every level of a dwelling unit (including basements).

Upon completing and signing this Certification Letter please leave on site for the inspector prior to final inspection.

**\*\* Attention Property Owner \*\***

*This is a voluntary smoke & carbon monoxide alarm verification procedure. If you prefer a Building Inspector to perform the verification, you must arrange to have an adult present at the time of inspection.*

\_\_\_\_\_  
NAME (PRINT CLEARLY)

\_\_\_\_\_  
Signature of Property Owner