



SMOKE DETECTOR/CARBON MONOXIDE RETROFIT NOTIFICATION

2022 California Residential Code Sections R314 & R315

Where a permit is required for alterations, repairs or additions including exterior work, i.e., roofing, HVAC change-outs, electrical panel upgrades, windows, etc. that have a valuation of \$1,000 or more, existing dwelling or sleeping units with attached garages or fuel burning appliances therein, including fireplaces, shall have a carbon monoxide alarm.

Smoke and Carbon Monoxide alarms shall be installed in the following manner:

- In each sleeping room, (only require smoke alarms unless bedroom contains a gas appliance, then a carbon monoxide alarm is required also).
- Outside each separate sleeping area in the immediate vicinity of the bedrooms, (require smoke & carbon monoxide alarms).
- In each story level of the dwelling, including basements and habitable attic rooms, (require smoke & carbon monoxide alarms).
- Smoke alarms and smoke detectors shall not be located where ambient conditions, including humidity and temperature are outside the limits specified by the manufacturer's published instructions.
- Installation near bathrooms: Smoke alarms shall be installed not less than 3ft horizontal distance 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 other sections of the code.
- Smoke alarms and smoke detectors shall not be installed within 3ft horizontal path from the supply registers of a forced air heating or cooling system and shall be installed outside of the direct airflow from those registers.
- Smoke alarms and smoke detectors shall not be installed within 3ft horizontal path from the tip of the blade of a ceiling- suspended (paddle) fan.
- In the hallway and in the room open to the hallway in dwelling units where the ceiling height of a room open to a hallway serving bedrooms exceeds that of the hallway by 24 inches or more.
- Smoke detectors shall be within 10 years of manufacture marked date and/or replaced if such date does not exist.
- Conventional ionization smoke alarms must be installed with a 10-year battery.

Interconnection:

Where more than one carbon monoxide alarm is required to be installed within the dwelling unit or within a sleeping unit, the alarm shall be interconnected in a manner that activation of one alarm shall activate all the alarms. Exception: Interconnection is not required in existing dwelling units where repairs do not result in the removal of wall and ceiling finishes, or there is no access by means of attic, basement, or crawl space.

Assistance:

This is a voluntary smoke and carbon monoxide alarm verification process; however, if you have questions or would like assistance from your building inspector, please feel free to contact them.