

SMOKE ALARM and CARBON MONOXIDE ALARM RETROFIT VERIFICATION

Installation of smoke alarms and carbon monoxide alarms must be verified whenever a building permit is required for alterations, repairs, or additions to any home or dwelling unit. **This self-certification form may be used if the interior of the dwelling will not be accessible at the time of final inspection.**

California Residential Code (CRC) Section 314 requires that smoke alarms are installed in existing dwellings anytime a building permit is issued for an addition, repair or alteration. California Health & Safety Code § 13113.7 requires a permit issuer to verify that all smoke alarms required for a dwelling unit are devices approved and listed by the State Fire Marshal prior to signing off on a building permit for alterations, repairs, or additions.

California Residential Code (CRC) Section 315 requires that carbon monoxide (CO) alarms are installed in existing dwellings that have a fossil fuel burning heater or appliance, fireplace, or an attached garage anytime a building permit is required for an addition, repair or alteration. Furthermore, California Health & Safety Code § 17926 states that all single-family dwellings that have attached garages or fuel burning appliances must have a CO alarm installed by July 1, 2011 and that all other dwelling units that have attached garages or fuel burning appliances must have a CO detector installed by January 1, 2013.

Smoke and carbon monoxide alarms shall be located outside each sleeping area in the immediate vicinity of bedrooms and on every story of the dwelling, including basements and habitable attics (split levels are considered one story). Additional smoke alarms are required in each sleeping room. Refer to CRC Sections 314 and 315 for further requirements and information.

Work subject to a building permit includes but is not limited to; furnaces, water heaters, sewer or water line replacement, reroofs, etc.

The permit referenced below cannot be finalized until this form is completed, signed, and reviewed by the City of Merced Building Inspector.

Property address: _____ **Building Permit #:** _____

I am the Contractor; Owner, or Authorized Agent (must have signed declaration).

I hereby declare and certify, under penalty of perjury, under the laws of the State of California, that:

Smoke alarms that are listed and approved by the State Fire Marshall have been installed in accordance with the manufacturer's instructions in each sleeping room, outside each separate sleeping area in the immediate vicinity of the bedrooms, and on each additional story of the dwelling, including basements and habitable attics. I have tested and verified that the smoke alarms are functioning properly.

Carbon monoxide alarms that are listed and approved by the State Fire Marshall have been installed in accordance with the manufacturer's instructions outside of each separate dwelling unit sleeping area in the immediate vicinity of the bedroom(s) and on every level of a dwelling unit including basements. I have tested and verified that the carbon monoxide alarms are functioning properly.

Signature

Date

_____, _____, _____
Mailing Address

City

State

ZIP



2016 CRC Code Requirements (abbreviated)

Complete and sign the reverse side of this document. This document must be provided to the building inspector prior to final inspection.

California Residential Code (CRC) Section 314 and 315 require that smoke alarms and CO alarms are installed in existing dwellings anytime a building permit is issued, including for an addition, repair or alteration. California Health & Safety Code § 13113.7 requires a permit issuer to verify that all smoke alarms required for a dwelling unit are devices approved and listed by the State Fire Marshal prior to signing off on a building permit for alterations, repairs, or additions.

R314.3 Location. Smoke alarms shall be installed in the following locations:

- In each sleeping room; outside each separate sleeping area in the immediate vicinity of the bedrooms on each story of the dwelling, including basements and habitable attics. **Note: a hallway with a smoke alarm may serve more than one bedroom.**
- Smoke alarms shall be installed not less than 3 feet (914 mm) 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 Section R314.3. **See CRC Section R314.3.3 for specific location requirements.**

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

- 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 within a bedroom or its attached bathroom, a carbon monoxide alarm shall be installed within the bedroom.

CRC R314.4 & R315.7: Interconnection (condensed): Where more than one smoke or CO alarm is required to be installed within an individual dwelling or sleeping unit, the smoke alarms shall be interconnected in such a manner that the activation of one alarm will activate all of the alarms in the individual unit. The alarm shall be clearly audible in all bedrooms over background noise levels with all intervening doors closed.

Exceptions: *Interconnection is not required in buildings that are not undergoing alterations, repairs or construction; no removal of interior wall or ceiling finishes; no accessible attic, crawl space or basement; repairs or alterations are limited to the exterior surfaces of dwellings; replacement of windows or doors, or the addition of a porch or deck; installation, alteration or repairs of plumbing, mechanical or electrical.*

R314.6 & 315.5: Power source (Condensed). Smoke alarms and CO 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. Smoke alarms with integral strobes that are not equipped with battery backup shall be connected to an emergency electrical system. Smoke alarms shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for overcurrent protection.

Exceptions: *Smoke alarms are permitted to be solely battery operated in existing buildings that are not undergoing alterations, repairs or construction; no removal of interior wall or ceiling finishes; no accessible attic, crawl space or basement; repairs or alterations are limited to the exterior surfaces of dwellings; replacement of windows or doors, or the addition of a porch or deck; installation, alteration or repairs of plumbing, mechanical or electrical.*

Refer to the 2016 California Residential Code Sections 314 and 315 and NFPA 72 for complete requirements and information.