

2019 CALIFORNIA BUILDING STANDARDS CODE OF REGULATIONS TITLE 24

Declaration of Installation for Smoke Alarms and Carbon Monoxide Alarms

The newly adopted California Residential Code requires the installation of Carbon Monoxide Detectors in dwelling units and in sleeping units within which fuel-burning appliances are installed and in dwelling units that have attached garages. The policy for Carbon Monoxide Alarms in the County of Placer states: "All permits issued and associated with a Residential Group R *Dwelling Unit or Sleeping Unit* shall conform to the following California Residential Code requirements for Carbon Monoxide Alarms (Section R315)."

California Residential Code Requirements for Carbon Monoxide Alarms:

R314.3 Smoke alarm locations: 1) Each sleeping room. 2) Outside each separate sleeping area in the immediate vicinity of the bedroom. 3) On each additional story of the dwelling, including basements and habitable attics and not including crawl spaces and uninhabitable attics. In dwellings 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. 4) 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. 5) Smoke alarms shall not be installed not less than 36" horizontal path from the supply registers of a forced air heating or cooling system and shall be installed outside of the airflow from those systems. 6) Smoke alarms shall not be installed within a 36" horizontal path from the tip of the blade of a ceiling-suspended (paddle) fan.

R315.2.1 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.

R315.4 Combination alarms: Combination carbon monoxide and smoke alarms shall be permitted to be used in lieu of carbon monoxide alarms. Require UL 2075 and UL268.

R315.5 Interconnection. Where more than one carbon monoxide alarm is required to be installed within the dwelling unit or within a sleeping unit in Group R occupancies, the alarm shall be interconnected in a manner that activation of one alarm shall activate all of the alarms in the individual unit.

Exception: Interconnection is not required in existing buildings built prior to January 1, 2011 under the following conditions: 1) no construction is taking place. 2) Repairs or alterations do not result in the removal of interior wall and ceiling finishes. 3) Repairs or alterations are limited to the exterior surfaces of dwellings (re-roofs, siding or window replacement, doors replacement, or the addition of a porch or deck, repairs to plumbing, mechanical or electrical systems) that do not expose the structure in areas that require carbon monoxide alarms.

R315.6 Power source: Carbon monoxide alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and, where primary power is interrupted, shall receive power from a battery. Wiring shall be permanent and without a disconnecting switch other than those required for overcurrent protection.

Exception: A battery-powered or plug in with a battery backup in existing building prior to January 1, 2011 under any of the following conditions: 1) no construction is taking place. 2) Repairs or alterations do not result in the removal of interior wall and ceiling finishes. 3) Repairs or alterations are limited to the exterior surfaces of dwellings (re-roofs, siding or window replacement, doors replacement, or the addition of a porch or deck, repairs to plumbing, mechanical or electrical systems) that do not expose the structure in areas that require carbon monoxide alarms.

DECLARATION OF INSTALLATION UNDER THE PENALTY OF PERJURY

As Owner/Contractor, I/we affirm and declare under the penalty of perjury, under the laws of the State of California by our signatures below as Owner/Contractor, will comply prior to final inspection with Items A & B as specified herein:

- A. The Owner/Contractor have read and clearly understand the aforementioned California Residential Code (CRC) *Carbon Monoxide Alarm* requirements.
- B. The Owner/Contractor is responsible for installing Carbon Monoxide Alarms prior to final inspection as per the aforementioned building code and maintaining such installation. Smoke alarms will also be installed prior to final inspection as per the CRC. Retrofitted smoke alarms shall contain a non-replaceable, non-removable battery that is capable of powering the smoke alarm for at least 10 years.

Owner or Contractor shall complete this Declaration of Installation.

Owner's name (print): _____

Owner's signature: _____ Date: _____

Contractor's name (print): _____ CSLB License: _____

Contractor's signature: _____ Date: _____

Project Address: _____ Permit #: _____