



CARBON MONOXIDE ALARMS

City of Anderson Development Services
Building Division
1887 Howard St., Anderson, CA 96007
(530) 378-6636 FAX (530) 378-6666

Rev. 5-21-13

The newly adopted 2010 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.

2010 California Residential Code requirements for Carbon Monoxide Alarms:

R315.1 New Construction: An approved carbon monoxide alarm shall be installed in *dwelling units and in sleeping units* within which *fuel-burning appliances* are installed and/or in dwelling units that have attached garages.

R315.1.1 Power Supply: For new construction, required carbon monoxide alarms shall receive their primary power from the building wiring where such wiring is served from a commercial source and shall be equipped with a battery back-up. Alarm wiring shall be directly connected to the permanent building wiring without a disconnecting switch other than as required for over-current protection.

Exceptions:

1. In dwelling units where there is no commercial power supply, the carbon monoxide alarm may be solely battery operated.
2. In existing dwelling units, a carbon monoxide alarm is permitted to be solely battery operated where repairs or alterations do not result in the removal of wall and ceiling finishes **or there is no access by means of attic, basement or crawl space.**

R315.1.2 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 of the alarms in the individual unit.

Exception:

1. Interconnection is not required in existing dwelling units where repairs do not result in the removal of wall and ceiling finishes, there is no access by means of attic, basement or crawl space and no previous method for interconnection existed.

R315.2 Where required in existing dwellings: Where a permit is required for alterations, repairs or additions exceeding one thousand dollars (\$1,000) existing dwellings or sleeping units that have attached garages or fuel-burning appliances shall be provided with a carbon monoxide alarm in accordance with Section R315.1. Carbon monoxide alarms shall only be required in the specific dwelling unit or sleeping unit for which the permit was obtained.

R315.3 Alarm requirements: Single- and multiple-station carbon monoxide alarms shall be listed as complying with the requirements of UL 2034. Carbon monoxide detectors shall be listed as complying with the requirements of UL 2075. Carbon monoxide alarms and carbon monoxide detectors shall be installed in accordance with this code, the current edition of NFPA 720 "standard for the Installation of Carbon Monoxide (CO Detection and Warning Equipment" and the manufacturer's installation instructions. Other carbon monoxide alarm and detection devices as recognized in NFPA 720 are also acceptable. Carbon monoxide alarms required by Section R315.1 and R315.2 shall be installed in the following locations:

1. Outside of each separate dwelling unit sleeping area in the immediated vicinity of the bedroom(s).
2. On every level of a dwelling unit including basements.

R315.3.1 Multiple-purpose alarms: Carbon monoxide alarms combined with smoke alarms shall comply with Section R315, all applicable standards and requirements for listing and approval by the Office of the State Fire Marshal, for smoke alarms.

The City of Anderson Interpretation of 2010, CRC, Sections 315 & 315 for Smoke Alarms & Carbon Monoxide Alarms

Where alterations, repairs or additions exceeding \$1,000 in valuation, existing dwellings shall be retrofitted with smoke alarms and those that have attached garages or fuel-burning appliances shall have carbon monoxide alarms installed. Existing smoke alarms can be replaced with dual function alarms for Smoke *and* Carbon Monoxide and in most cases must comply with the aforementioned code requirements for 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 and B as specified herein:

- A. The Owner/Contractor have read and clearly understand the aforementioned 2010 California Residential Code (CRC) *Carbon Monoxide Alarm* requirements.
- B. The Owner/Contractor is responsible for installing Carbon Monoxide Alarms prior to final inspection according to the aforementioned Building Code and maintaining such installation. Smoke Alarms will also be installed prior to final insepction as per the 2010 CRC.

Owner's Name (print): _____

Owner's Signature: _____ Date: _____

Contractor's Name (print) _____ CSLB Lic. _____

Contractor's Signature: _____ Date: _____

Project Address: _____ Permit No: _____

Both Owner and Contractor shall complete this Declaration of Installation.