



# COUNTY OF SANTA CRUZ

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## PLANNING DEPARTMENT

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## Carbon Monoxide Alarms and Smoke Detectors

California Codes, as adopted by the County of Santa Cruz require smoke detectors and carbon monoxide alarms installed in all new one and two family dwellings and multi-unit residential dwellings. In addition, existing residential buildings shall have smoke detectors and carbon monoxide alarms in accordance with the following code sections:

### One and Two Family Dwellings:

#### Carbon Monoxide Alarms:

**2013 CRC Section R315.2** Where a permit is required for alterations, repairs or additions exceeding one thousand dollars (\$1,000.00), 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.

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.

**Locations:** Carbon monoxide alarms required by Sections R315.1 and R315.2 shall be installed in the following locations:

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

Note: Plug in type CO alarms will not be accepted. All CO alarms must be securely fastened/mounted to the wall or ceiling and listed as complying with UL 2034. (see manufacturers' installation instructions)

#### Smoke Detectors:

**2013 CRC Section R314.3.1** Smoke detectors that are approved and listed by the State Fire Marshall and listed as complying with UL 217 shall be installed in all dwelling units intended for human occupancy when a permit is issued for alterations, repairs, or additions, exceeding one thousand dollars (\$1,000.00).

**After January 1, 2014:** In accordance with State Senate Bill 1394, all battery operated smoke detectors will have a battery with a ten year life. The smoke detector shall display the date of manufacture on the device, and shall provide a place on the device where the date of installation can be written.

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

1. In each sleeping room.
2. Outside each separate sleeping area in the immediate vicinity of the bedrooms.
3. On each additional story of the dwelling, including basements and habitable attics but 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.

## **Multi-unit Residential:**

### **Carbon Monoxide Alarms:**

**2013 CBC Section 420.6.2.2 Existing dwellings or sleeping units requiring a permit.** When a permit is required for alterations, repairs or additions with a total cost or calculated valuation exceeding one thousand dollars (\$1,000), existing dwellings or sleeping units with a fossil fuel-burning heater or appliance, fireplace or an attached garage shall have a carbon monoxide alarm installed in accordance with 420.6.2. Carbon Monoxide alarms shall only be required in the specific dwelling unit or sleeping unit for which the permit was obtained.

**Locations:** The location of the Carbon monoxide alarms shall be the same as the one and two family dwelling locations on page one of this handout.

### **Smoke Detectors:**

**Ca Health and Safety Code Section 13113.7(a)(2).** For all dwelling units intended for human occupancy for which a building permit is issued on or after January 1, 2014, for alterations, repairs, or addition exceeding one thousand dollars (\$1,000), the permit issuer shall not sign off on the completion of the work until the permittee demonstrates that all smoke alarms required for the dwelling unit are devices approved and listed by the State Fire Marshal pursuant to Section 13114.

**Battery operated smoke alarms** which otherwise met the standards adopted pursuant to Section 13114 for smoke alarms at the time of installation, satisfies the requirements of this section.

**After January 1, 2014:** In accordance with State Senate Bill 1394, all battery operated smoke detectors will have a battery with a ten year life. The smoke detector shall display the date of manufacture on the device, and shall provide a place on the device where the date of installation can be written.

**Locations:** The location of the smoke alarms shall be the same as the one and two family dwelling locations on page two of this handout.

**Note:** It is the responsibility of the person scheduling the final inspection to provide access to the inspector for verification of all alarms. The final inspection will not occur without access to the alarms.