

City of Woodland

COMMUNITY DEVELOPMENT DEPARTMENT  
(530) 661-5820

300 FIRST STREET  
(530) 406-0832 FAX

WOODLAND, CA 95695  
<http://www.cityofwoodland.org>

## Smoke/Carbon Monoxide Alarm Retrofit Verification

I, \_\_\_\_\_, and I, \_\_\_\_\_  
(Print Property Owner's Name) (Print Tenant's Name—If same as Owner write "same")

who own and/or live in the dwelling located at: \_\_\_\_\_  
(Address)

Verify that the smoke & carbon monoxide alarms required by the California Residential Code (CRC) have been installed in the dwelling, in compliance with the code and with the manufacturer's instructions and further that they have been tested and do function properly.

In an effort to enhance life safety within dwellings, CRC Section R314 and R315 require the retrofit of these alarms in existing dwellings when alterations, repairs, or additions requiring a permit and exceeding \$1,000 in value are made. Generally, the alarms must be hard wired (110 volt) with battery back-up and all alarms are to be interconnected, but when the installation of the alarms will require the removal of wall or ceiling finishes or there is no access by means of attic, basement, or crawl space, then alarms may be solely battery operated and not interconnected.

Alarms must be installed in **all** of the following locations within the existing dwelling:

- ◆ In all bedrooms Smoke Alarms; CO alarms in bedrooms that have a gas appliance
- ◆ Immediately outside of each separate bedroom area
- ◆ In each story level of the dwelling, including basements and habitable attic rooms

***I have read and understand the above requirements and affirm by my signature, that all required alarms mentioned above have been properly installed and tested. (Both signature lines below must be completed).***

Property Owner's Signature \_\_\_\_\_ Date: \_\_\_\_\_

Tenant Signature \_\_\_\_\_ Date: \_\_\_\_\_

(If Tenant is same as Owner—write "Same")

### **ATTENTION OWNER—OCCUPANT:**

***This is a Voluntary Smoke & Carbon Monoxide Alarm verification procedure. If you prefer a Building Inspector to perform the verification, you must arrange to have an adult present at the time of inspection.***

# New Code Requirement

## Residential Smoke & Carbon Monoxide Alarms for Existing Dwellings

New State Building Code Requirement effective January 1, 2011

### 2022 California Residential Code section R314 & R315

The *smoke & carbon monoxide alarm retrofit verification* form can be used on permitted projects where detectors are required and the work, such as re-roofing, re-siding, patio covers, swimming pools, and similar exterior work is performed on the dwelling. The completed form must be signed by the owner of the property. The completed form must be submitted to the inspector by final inspection. In the case where the form is the only remaining correction notice item at final inspection, the completed form may be either emailed to the building inspector or submitted, along with a copy of the latest correction notice, to the public permit counter. If you wish to have the job card signed off you may bring the card to the public counter, but this is not required for the completion of the permit process. Once the completed form is received and attached to the permit in the database, the permit will then be finalized by the inspector and the permitting process completed.

Carbon monoxide alarms 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.
3. Bedrooms with gas appliances (fireplaces).

Smoke alarms shall be installed in the following locations:

1. In every bedroom
2. Outside each separate dwelling unit sleeping area; (hallways)
3. On every level of the dwelling unit including basements.

**Power supply:** The smoke & carbon monoxide alarms shall receive their primary power from the building wiring and shall be equipped with a battery back-up.

Exception: In existing dwellings units the alarms are permitted to be solely battery operated where repairs or alterations do not result in the removal of wall and ceiling finishes or there is not access by means of an attic, basement, or crawl space.

**Interconnection:** Where more than one smoke & 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.

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 not access by means of an attic, basement, or crawl space.



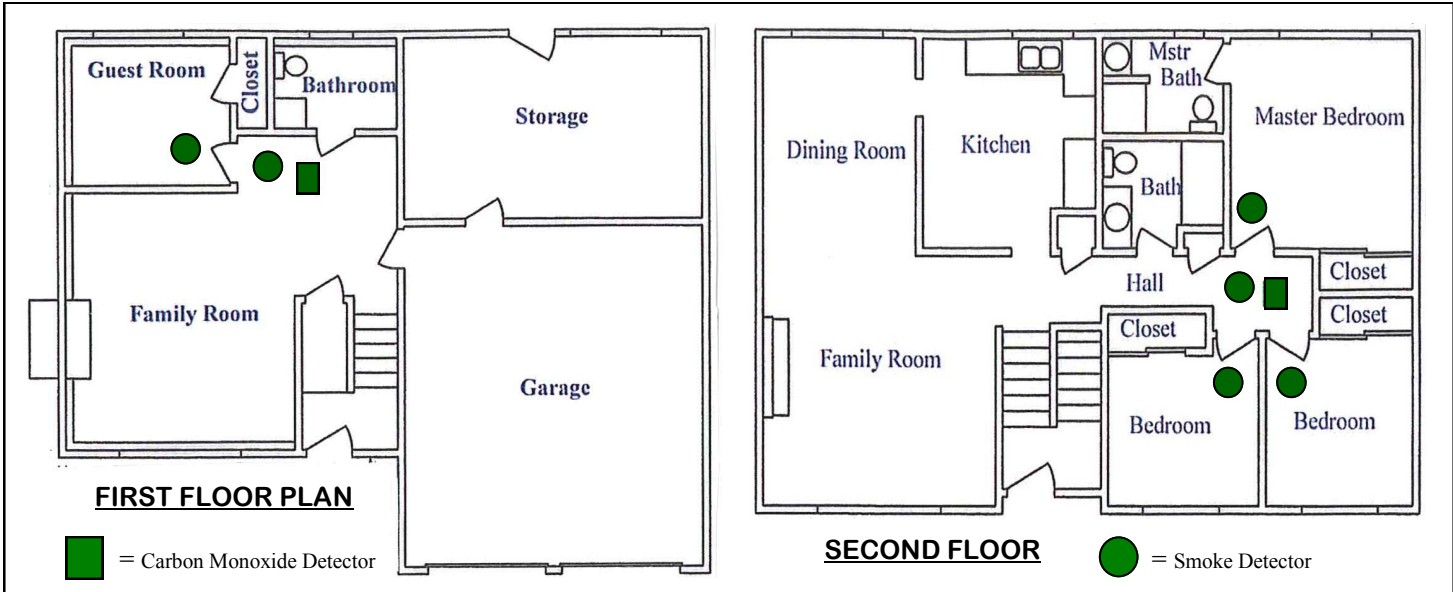
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# Residential Smoke and Carbon Monoxide Detector Requirements

2022 California Residential Code (CRC)

## Smoke Detector—Residential



Smoke detectors shall be installed in new dwellings and in existing dwellings where alterations, repairs, or additions requiring a building permit exceed a valuation of \$1,000 or where one or more sleeping rooms are added or created or where the use of an existing non-sleeping room is changed to a sleeping room.

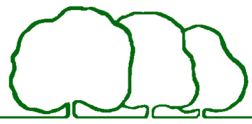
A smoke detector shall be placed in each sleeping room with additional smoke detectors located outside the sleeping areas in the immediate area of the bedrooms with at least one smoke detector located on each story or level, including basements and livable attics. [See Diagram]

In new construction smoke detectors shall receive their primary power by permanent wiring (i.e. not plug-in) from the building wiring and shall be equipped with battery backup and shall also be interconnected with all other such smoke detectors so that the activation of one alarm will activate all such alarms within the dwelling unit.

In existing dwellings undergoing alterations or repairs interconnection is required where the alteration or repairs result in removal of interior wall or ceiling finishes at required smoke detector locations or where there is an accessible attic or crawl space which could provide access for wiring and interconnection. Otherwise, required smoke detectors are permitted to be solely battery-powered which includes projects that only alter exterior surfaces (reroofing, siding, windows, doors, porches, etc.).

All required smoke detectors shall be listed by the California State Fire Marshal and UL-217-Listed and shall comply with Section R-314 of the California Residential Code.

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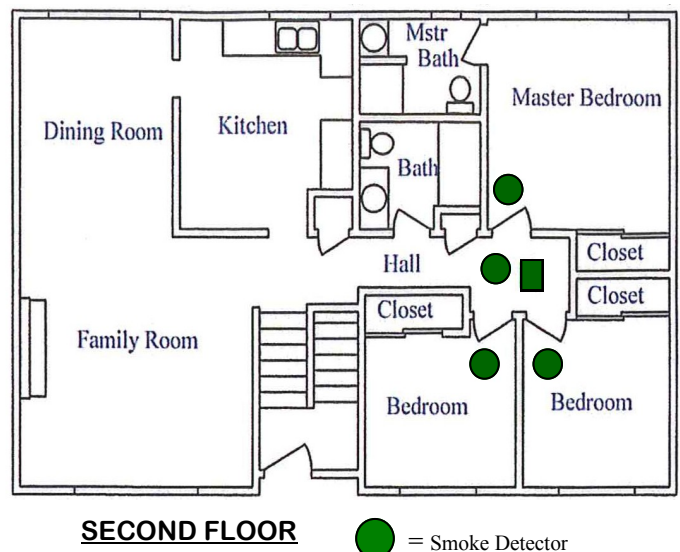
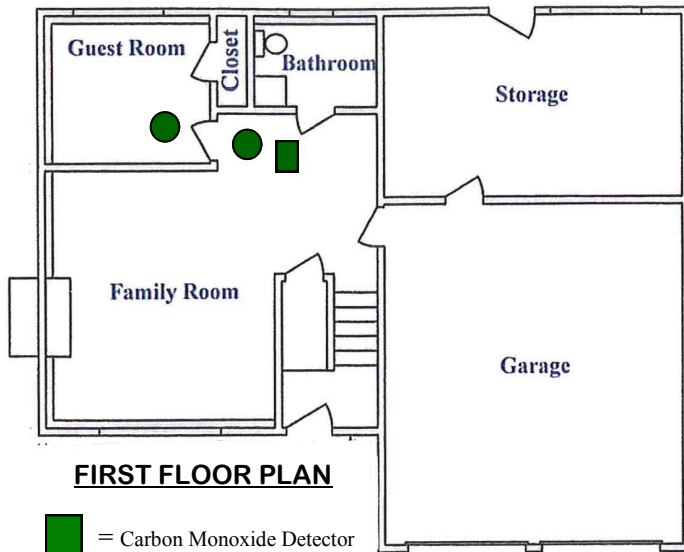


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**Residential Smoke and Carbon Monoxide Detector Requirements**  
2022 California Residential Code (CRC)

**Carbon Monoxide – Residential**



Carbon Monoxide detectors shall be installed in all new dwellings and in existing dwellings with fuel-burning appliance or attached garages where alterations, repairs or additions require a building permit.

A Carbon Monoxide detector shall be placed outside the sleeping areas in the immediate area of the bedrooms with at least one Carbon Monoxide detector located on each story or level, including basements and livable attics. [See Diagram]

In new construction Carbon Monoxide detectors shall receive their primary power by permanent wiring (i.e. not plug-in) from the building wiring and shall be equipped with battery backup and shall also be interconnected with all other such Carbon Monoxide detectors so that the activation of one alarm will activate all such alarms within the dwelling unit.

In existing dwellings undergoing alterations or repairs, interconnection is required where the alteration or repairs result in removal of interior wall or ceiling finishes at required Carbon Monoxide detector locations or where there is an accessible attic or crawl space which could provide access for wiring and interconnection. Otherwise, required Carbon Monoxide detectors are permitted to be solely battery-powered or plug-in with battery backup for all permitted projects including permitted projects that only alter exterior surfaces (reroofing, siding, windows, doors, porches, etc.).

All required Carbon Monoxide detectors shall be listed by the California State Fire Marshal and UL-2034-Listed and shall comply with Section R-315 of the California Residential Code.

Even where no permit is required, Carbon Monoxide detectors shall be installed in all existing dwellings as of July 1, 2011; these detectors may be hardwired, solely battery operated, or plug-in type with battery back-up.