



Smoke & Carbon Monoxide Alarms Checklist

BASED ON THE 2010 CALIFORNIA RESIDENTIAL CODE

SMOKE AND CARBON MONOXIDE DETECTORS

CRC R314 SMOKE ALARMS	
<input type="checkbox"/>	A smoke detector, approved and listed by the State Fire Marshal pursuant to Section 13114, shall be installed, in accordance with the manufacturer's instructions in each dwelling intended for human occupancy within the earliest applicable time period as follows: R314.6.
1	For all dwelling units intended for human occupancy, upon the owner's application on or after January 1, 1985, for a permit for alterations, repairs, or additions, exceeding one thousand dollars (\$1,000).
NOTE	<i>All homes in the state are REQUIRED to comply. The building permit is the trigger for inspection.</i>
<input type="checkbox"/>	Where a household fire warning system is installed using a combination of smoke detector and audible notification device (s), it shall become a permanent fixture of the occupancy and owned by the homeowner. R314.2
	Smoke alarms shall be installed in the following locations: R314.3
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 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 story below the upper level.
<input type="checkbox"/>	When more than one smoke alarm is required to be installed within an individual dwelling unit the alarm devices shall be interconnected in such a manner that the actuation of one alarm will activate all of the alarms in the individual unit. R314.3
<input type="checkbox"/>	Alterations, repairs and additions. When alterations, repairs or additions requiring a permit occur, or when one or more sleeping rooms are added or created in existing dwellings, the individual dwelling unit shall be equipped with smoke alarms located as required for new dwellings. R314.3.1
<input type="checkbox"/>	Smoke 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 shall emit a signal when the batteries are low. Wiring shall be permanent and without a disconnecting switch other than as required for over-current protection. R314.4
	Exceptions:
1	Smoke alarms are permitted to be solely battery operated in existing buildings where no construction is taking place.
2	Smoke alarms are permitted to be solely battery operated in buildings that are not served from a commercial power source.
3	Smoke alarms are permitted to be solely battery operated in existing areas of buildings undergoing alterations or repairs that do not result in the removal of interior walls or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for building wiring without the removal of interior finishes.
<input type="checkbox"/>	Where more than one smoke 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. R314.5
	Exceptions:
1	Interconnection is not required in buildings that are not undergoing alterations, repairs or construction of any kind.
2	Smoke alarms in existing areas are not required to be interconnected where alterations or repairs do not result in the removal of interior wall or ceiling finishes exposing the structure, unless there is an attic, crawl space or basement available which could provide access for interconnection without the removal of interior finishes.
CRC R315 CARBON MONOXIDE ALARMS	



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<input type="checkbox"/>	For new construction an approved carbon monoxide alarm shall be installed in dwelling units and sleeping units within which fuel-burning appliances are installed and in dwelling units that have attached garages. Carbon monoxide alarms shall be listed as complying with UL 2034 and be installed and maintained in accordance with NFPA 720 and the manufacturer's instructions R315.1
<input type="checkbox"/>	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. R315.1.2 Exceptions:
1	In dwelling units where there is no commercial power supply carbon monoxide alarms may be solely battery operated
2	Other power sources recognized for use by NFPA 720
<input type="checkbox"/>	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. R315.1.3
<input type="checkbox"/>	Carbon monoxide alarms required by Section R315.1 shall be installed in the following locations: R315.1.4
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
<input type="checkbox"/>	Where 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 burning heater or appliance, fireplace or an attached garage shall have a carbon monoxide alarm in accordance with Section R315.2. Carbon monoxide alarms shall only be required in the specific dwelling unit or sleeping unit for which the permit was obtained. R315.2.2
<input type="checkbox"/>	R315.2.3.1 Carbon monoxide alarms on or after July 1 2011. Carbon monoxide alarms shall be installed in accordance with section R315.2 in existing detached single-family dwelling or sleeping units intended for human occupancy that have a fossil fuel-burning heater or appliance, fireplace or an attached garage. Carbon monoxide alarms in existing buildings are permitted to be solely battery operated or plug-in type with battery back-up in areas where no construction, is taking place.
NOTE	<i>All homes in the state are REQUIRED to comply. The building permit is the trigger for inspection.</i>
<input type="checkbox"/>	R315.2.3.2 Carbon monoxide alarms on or after January 1 2013. Carbon monoxide alarms shall be installed in accordance with section R315.2 in all other existing dwelling or sleeping units intended for human occupancy that have a fossil fuel-burning heater or appliance, fireplace or an attached garage. Carbon monoxide alarms in existing buildings are permitted to be solely battery operated or plug-in type with battery back-up in areas where no construction, is taking place.
NOTE	<i>All sleeping units (hotels etc) in the state are REQUIRED to comply. The building permit is the trigger for inspection.</i>
<input type="checkbox"/>	Power supply. R315.2.4 same as smoke detector
<input type="checkbox"/>	Interconnection. R315.2.5 same as smoke detector