



SOLAR INSPECTION CHECKLIST

1. Standoff Inspection by one of the methods below

- A. Visual test from interior by City Inspector
- B. Provide structural observation(s) by Engineer of Record.

2. Location of Array

- A. Fire Setbacks
- B. On Eave Areas
- C. Cantilever from Standoffs

3. Array

- A. Bonded Panels to Rails
- B. Continuity throughout Array
- C. Correct Modules Engineer's wet stamped structural observation per plan

4. J-Box

- A. Connections
- B. Bonding

5. Conduit

- A. Height above roof deck
- B. Painted conduits
- C. Stickers

6. Panel

- A. Main Breaker Location
- B. Solar Breaker Location
- C. Solar Breaker per approved plan
- D. Connections
- E. Bonding
- F. Monitor
- G. Buss Size
- H. Placards

7. Inverter

- A. Correct Inverter
- B. AFCI Protected
- C. Connections
- D. Placards

8. Smoke/CO Detectors

SMOKE ALARMS

- Show location(s) of interconnected hard-wired Smoke Alarm with battery backup, or sealed 10-year battery Smoke Alarms in the following: [R314]
 - a. In each sleeping room.
 - b. Outside of each separate sleeping area in the immediate vicinity of the bedrooms
 - c. On each additional story of the dwelling, including basements and habitable attics, but not including crawl spaces and uninhabitable attics.
 - d. Smoke alarms shall be installed not less than 3 feet horizontally from the bathroom opening that has a bathtub or shower unless this would prevent placement required by code. Shall also be installed at least 3 feet from any HVAC supply/vents, or the tip of a ceiling fan.

- ❖ Combination smoke and carbon monoxide alarms shall be permitted to be used in lieu of smoke alarms.
[CRC R314.5]

CARBON MONOXIDE ALARMS

- Show location(s) of interconnected hard-wired Carbon Monoxide Alarm with battery backup, or sealed 10-year battery Carbon Monoxide Alarms in the following: [R314]
- For buildings with fuel-burning appliances and/or attached garages, provide an approved **CARBON MONOXIDE ALARM** at: [R315.1]

- a. Outside of each separate sleeping area in the immediate vicinity of the bedrooms
 - b. On every level of a dwelling unit including basements
 - c. When a fuel burning appliance is in a bedroom or attached bathroom, a carbon monoxide alarm is required in the bedroom.
 - d. Provide a note: "CARBON MONOXIDE ALARM shall be interconnected hard-wired with battery backup."
 - e. Battery carbon monoxide alarm is permitted in existing dwelling units where no construction is taking place.
- Combination carbon monoxide and smoke alarms shall be permitted to be used in lieu of carbon monoxide alarms.
[CRC R315.4]

For full compliance for Smoke and Carbon Monoxide Alarms please refer to the 2019 California Residential Code sections R314 and