



City of Oceanside  
Building Division  
300 N. Coast Hwy  
Oceanside, CA 92054  
Phone: 760-435-3950  
FAX: 760-435-3926

## Worksheet for PV System Field Inspection

This is to be used as a general checklist. It is not inclusive of all code requirements & inspection criteria.

- ☐ # of PV modules and model # matches plans and spec sheets number matches plans and spec sheets.
- ☐ Wire Management: Array conductors are neatly and professionally held in place
- ☐ PV array is properly grounded
- ☐ Check that electrical boxes are accessible and connections suitable for environment
- ☐ Array Fastened and Sealed According To Attachment Detail
- ☐ Check conductor's ratings and sizes
- ☐ Check Foundation for Ground-Mounted Arrays
- ☐ Check mounting structure review
- ☐ Electrical bonding of structural elements
- ☐ Additional array electrode
- ☐ PV array is properly grounded
- ☐ Attachment method according to plans
- ☐ Array Fastened and Sealed According To Attachment Detail
- ☐ Wiring is not readily accessible
- ☐ Appropriate Signs Installed
- ☐ Check proper sign construction:
- ☐ Check for sign identifying PV power source system attributes at dc disconnect
- ☐ Check for sign identifying ac point of connection [690.54].
- ☐ Check for sign identifying switch for alternative power system.
- ☐ Check that equipment ratings are consistent with application and signs
- ☐ Check that inverter has a rating as high as max voltage on PV Power Source sign.
- ☐ Check that dc-side OCPDs are dc rated at least as high as max voltage on sign.
- ☐ Check that switches and OCPDs are installed according to manufacturers specifications (i.e. many 600Vdc switches require passing through the switch poles twice in a specific way).
- ☐ Check that inverter is rated for the site ac voltage supplied and shown on the ac point of connection sign.
- ☐ Check that OCPD connected to the ac output of the inverter is rated at least 125% of maximum current on sign, and is no larger than the maximum OCPD on the inverter listing label.
- ☐ Check that the sum of the main OCPD and the inverter OCPD is rated for not more than 120% of the busbar rating.