

CITY OF COSTA MESA

RESIDENTIAL PHOTO VOLTAIC INSPECTION CHECKLIST

1) Standoff Inspection by one of the methods below

- A. Visual Test from Interior
- B. Torque Test shall be performed as recommended by the manufacturer and shall be verified by either a licensed California Civil Engineer or by the City Inspector
- C. Engineer's wet stamped structural observation

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