

## **EVSE INSPECTION**

## **Electric Vehicle Supply Equipment**

City of Palo Alto
Building Inspection Division
285 Hamilton Ave.
Inspection Request: 650 329-2496

IVR Inspection #101

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General Requirements for: **Residential** 

Codes Enforced: 2010 CEC, 2008 NEC

The information provided in this document is general and intended as a guide only. Each project is unique and additional requirements may be enforced as deemed appropriate.

## **TORQUE REQUIREMENTS**

- All associated EVSE breakers must be verified for proper torque.
- Torque all connections per manufacturer's listing. (Electrical contractor to be onsite with torque wrench and torque screwdriver of the audible type. (Ratcheting). (CEC 110.3 (b))
- Secure lugs with channel locks to hold lug in place when applying the proper torque.
- Verify all torque connections. (For example: Polaris connectors in junction boxes)

## **TOOLS REQUIRED FOR INSPECTION:**

Torque screw driver
Torque wrench (and associated sockets)
Square tip and standard/slot tip (extra long/deep)
Channellocks
Phase tape
Ladder (as required)

$\checkmark$	<b>INSPECTION</b>	(General	requirements	for	residential	projects)
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*/	A representative from the installing contractor must be onsite. The representative
mι	ust have an understanding of the project and be able to perform all requirements of
thi	s checklist.
	Verify installation matches the approved set of plans. If not, a revision is required.
	Provide working clearances at all electrical equipment. (36" deep x 30" wide x 6'6"
	high) CEC 110.26
	All new and existing circuit breakers shall be listed to be used with panel (usually
	the same manufacturer).
	All new and existing circuits must be labeled.
	Verify load calculations attached to the job copy.
	Gas meter clearances: There shall be no electrical equipment, conduit,
	conductors 10' above the gas meter or within 18" of the service riser. (WGW
	Standard GD - 02)
	Verify grounding electrode system: For new buildings and remodels that have
	at least 20' of new foundation the CPA Building Division requires the primary

