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*Partnering to Improve Consistency & Customer Service*

## Residential Electric Vehicle Charging Station Permit Checklist

*This checklist is provided to determine if your application is eligible for expedited EVCS processing. If any item is checked "NO", revise design, otherwise application must go through standard review process.*

Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)	Check one
Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps	<input type="checkbox"/>
Level 2 – 3.3 kilowatt (kW) (low)	208/240 VAC at 20 or 30 Amps	<input type="checkbox"/>
Level 2 – 6.6kW (medium)	208/240 VAC at 40 Amps	<input type="checkbox"/>
Level 2 – 9.6kW (high)	208/240 VAC at 50 Amps	<input type="checkbox"/>
Level 2 – 19.2kW (highest)	208/240 VAC at 100 Amps	<input type="checkbox"/>
Other (provide detail): _____	Provide rating: _____	<input type="checkbox"/>

### PERMIT APPLICATION

A. Is the application complete with the following information: Project address, parcel #, builder/owner name, contractor name, valid contractor's license #, phone numbers, etc.	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Does the application include EVCS manufacturer's specs and installation guidelines	<input type="checkbox"/> Y	<input type="checkbox"/> N

### ELECTRIC LOAD CALCULATION WORKSHEET

A. Is an electrical load calculation worksheet included? (CEC 220)	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Based on the load calculation worksheet, is a new electrical service panel upgrade required	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, do plans include the electrical service panel upgrade	<input type="checkbox"/> Y	<input type="checkbox"/> N
C. Is the charging circuit appropriately sized for a continuous load (125%)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D. If charging equipment proposed is a Level 2 – 9.6 kW station with a circuit rating of 50 Amps or higher, is a completed panel schedule with electrical calculations included with the single line diagram	<input type="checkbox"/> Y	<input type="checkbox"/> N

### SITE PLAN & SINGLE LINE DRAWING

A. Is a site plan and electrical plan with a single-line diagram included with the permit application ( <i>site plan may not be required for installations in/on existing permitted buildings</i> )	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.50 (B)), is a mechanical plan included with the permit application	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Is the site plan fully dimensioned and drawn to scale	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) Showing location, size, and use of all structures	<input type="checkbox"/> Y	<input type="checkbox"/> N
2) Showing location and amperage of electrical panel(s) to charging system	<input type="checkbox"/> Y	<input type="checkbox"/> N
3) Showing type of charging system and mounting	<input type="checkbox"/> Y	<input type="checkbox"/> N

### COMPLIANCE WITH 2016 CALIFORNIA ELECTRICAL CODE (TITLE 24, PART 3)

A. Are the EVCS manufacturer's specs and installation guidelines provided	<input type="checkbox"/> Y	<input type="checkbox"/> N
B. Does the electrical plan identify the amperage and location of existing electrical service panel	<input type="checkbox"/> Y	<input type="checkbox"/> N
1) If yes, does the existing panel schedule show room for additional breakers	<input type="checkbox"/> Y	<input type="checkbox"/> N

C.	Is the charging unit rated more than 60 amps or more than 150V to ground	<input type="checkbox"/> Y	<input type="checkbox"/> N
	1) If yes, are disconnecting means provided in a readily accessible location in line of site and within 50' of EVCS (CEC 625.42)	<input type="checkbox"/> Y	<input type="checkbox"/> N
D.	Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark? (UL 2202/UL 2200)	<input type="checkbox"/> Y	<input type="checkbox"/> N
E.	If trenching is required, is the trenching detail called out	<input type="checkbox"/> Y	<input type="checkbox"/> N
	1) Is the trenching in compliance with electrical feeder requirements from structure to structure (CEC 225)	<input type="checkbox"/> Y	<input type="checkbox"/> N
	2) Is the trenching in compliance of minimum cover requirements for wiring methods or circuits (CEC 300)	<input type="checkbox"/> Y	<input type="checkbox"/> N

**AGREEMENT:**

As the responsible contractor or authorized agent for the project I understand that I am responsible for the accuracy of all information provided in this application. I also understand that revisions to this project will result in a revised application and plan review submitted to the building division which may not be eligible for expedited electric vehicle charging station permit issuance.

Contractor/Authorized Agent Name: \_\_\_\_\_ (Please Print)

Contractor/Authorized Agent Signature: \_\_\_\_\_ Date: \_\_\_\_\_