<table>
<thead>
<tr>
<th>Check One</th>
<th>Charging Station(s) Proposed</th>
<th>Associated Power Levels (proposed circuit rating)</th>
<th>Typical Non-Residential Charging Locations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Level 1</td>
<td>110/120 volt alternating current (VAC) at 15 or 20 Amps</td>
<td>• Commercial office building</td>
</tr>
<tr>
<td></td>
<td>Level 2 - 3.3kW (low)</td>
<td>208/240 VAC at 20 or 30 Amps</td>
<td>• Multi-unit dwellings (MUD)</td>
</tr>
<tr>
<td></td>
<td>Level 2 - 6.6kW (medium)</td>
<td>208/240 VAC at 40 Amps</td>
<td>• Commercial office building</td>
</tr>
<tr>
<td></td>
<td>Level 2 - 9.6kW (high)</td>
<td>208/240 VAC at 50 Amps</td>
<td>• Public access</td>
</tr>
<tr>
<td></td>
<td>Level 2 - 19.2kW (highest)</td>
<td>208/240 VAC at 100 Amps</td>
<td>• Public access</td>
</tr>
<tr>
<td></td>
<td>DC Fast Charging</td>
<td>440 or 480 VAC</td>
<td>• Large commercial office buildings or parks</td>
</tr>
<tr>
<td></td>
<td>Other (provide detail)</td>
<td></td>
<td>• Hospitality &amp; recreation</td>
</tr>
</tbody>
</table>

**INSTRUCTIONS:** This checklist shall be used during a multi-unit dwelling and commercial Electric Vehicle Charging Station (EVCS) installation permit application and plan review. If any discrepancies are found on the application and/or supplemental documentation, record the details of needed corrections on this sheet and provide to the applicant.

**CHECKLIST**

Check type of Electric Vehicle Charging Station Proposed:
- ☐ MUD EVCS
- ☐ Commercial EVCS

☐ Completed Permit Application
An application must include project address, parcel number builder/owner name, contractor name, valid contractor license number phone numbers, and any other requirement.

☐ Electric Vehicle Charging Station Manufacturer’s Specs & Installation Guidelines

☐ Completed Electrical Load Calculations Per CEC¹ 220
Based on the load calculation worksheet, is a new electrical service panel upgrade required? .......Yes ☐ No ☐

If new service or upgrade is required, plans and the utility work order must be included with the submittal. Is the charging circuit appropriately sized for a continuous load (125%)? ...........................................Yes ☐ No ☐

---

¹ 2013 California Electrical Code. Article 220 Branch-Circuit, Feeder, and Service Calculations

² **Load Calculation Worksheet review instructions:** The size of the existing service MUST be equal to or larger than the Minimum Required Size of main service breaker. If the existing service panel is smaller than the minimum required size of existing electrical services, then a new upgraded electrical service panel must be installed in order to handle the added electrical load from the proposed EVCS.
If charging equipment proposed is a DC Fast Charging station or a Level 2 - 9.6kW station with a circuit rating of 50 amps or higher, is a completed circuit card with electrical calculations included with the single-line diagram? N/A ☐ Yes ☐ No ☐

☐ SITE PLAN & SINGLE LINE DRAWING
If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.50(B)), is a mechanical plan included with the permit application? N/A ☐ Yes ☐ No ☐

Site Plan must be fully dimensioned and drawn to scale showing the following:

- Location, size, and use of all structures
- Location of electrical panel to the charging system
- Type of mounting for the charging system
- Parking and circulation areas

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

Does the electrical plan identify the amperage and location of existing electrical service panel? Yes ☐ No ☐
- If yes to Q2, does the existing panel schedule showroom for additional breakers? Yes ☐ No ☐
- Are sizes for the conduit and conductor included? Yes ☐ No ☐

Is the charging unit rated more than 60 amps or more than 150V to ground? Yes ☐ No ☐
- If yes to Q3, are disconnecting means provided in a readily accessible location in the line of site and within 50’ of EVCS? (CEC625.23) Yes ☐ No ☐

Does the charging equipment have a Nationally Recognized Testing Laboratory (NRTL) approved listing mark? (UL 2202/UL 2200) Yes ☐ No ☐
- If trenching is required, is the trenching detail called out? Yes ☐ No ☐
- Is the trenching in compliance with electrical feeder requirements from structure to structure? (CEC 225) Yes ☐ No ☐
- Is the trenching in compliance of minimum cover requirements for wiring methods or circuits? (18” for direct burial per CEC 300) Yes ☐ No ☐

PLAN COMPLIANCE WITH 2016 MANDATORY CALGREEN CODE FOR NEW CONSTRUCTION AND CHAPTER 11B ACCESSIBILITY REQUIREMENTS

2016 CALGreen Mandatory EVCS Requirements for New Construction

For MUD EVCS, do CALGreen EV Readiness installation requirements apply? Yes ☐ No ☐

Do the plans demonstrate conformance with mandatory measures for 3% of total parking spaces, but no less than one, for new multifamily dwellings with 17+ units that must be EV capable per Section 4.106.4.2? Yes ☐ No ☐

For Commercial EVCS, do CALGreen EV Readiness installation requirements apply to this project? Yes ☐ No ☐

Do the plans demonstrate conformance with mandatory measures of 3% of parking spaces in lots with 51+ spaces being EV capable per Section 5.106.5.3? Yes ☐ No ☐

---

3 2016 California Green Buildings Standards Code. Title 24, Part 11, Section 4.106.4.2 Multi-family dwellings and Section 5.106.5.3 Electric Vehicle (EV) Charging
Is there at least 1 EVCS parking stall out of 4 EVCS parking stalls that meet Chapter 11B accessibility dimension requirements for a van accessible parking space (144 inches wide with an adjacent access aisle)? Yes ☐ No ☐

Access aisles shall comply with Section 11B-302.

For parking stalls with 5 to 25 EVCS, is there 1 EVCS parking stalls that meets Chapter 11B accessibility dimension requirements for a van accessible parking space (144 inches wide with an adjacent access aisle) and 1 EVCS parking stall that meets the standard accessible parking space (108 inches wide with an adjacent access aisle)? Yes ☐ No ☐

Is the path of travel to the EVCS from the accessible parking stall demonstrate to be unobstructed? Yes ☐ No ☐

Is the accessible path of travel from the EVCS parking stall demonstrated to be within 200 feet of the main building entrance? Yes ☐ No ☐