



City of Bradbury
Building Department
600 Winston Avenue
Bradbury, CA 91008
(626) 358-3218

RESIDENTIAL AND NON-RESIDENTIAL CHECKLIST FOR PERMITTING ELECTRIC VEHICLES AND ELECTRIC VEHICLE SERVICE EQUIPMENT (EVSE)

Job Address: _____

Permit No. _____

Single-Family Multi-Family Commercial Mixed-Use

Location of EVSE to be Installed: Garage _____ Driveway _____

Description of Work:

Please complete the following information related to permitting and installation of Electric Vehicle Service Equipment (EVSE) as a supplement to the application for a building permit. This checklist contains the technical aspects of EVSE installations and is intended to help expedite permitting and use for electric vehicle charging. Upon this checklist being deemed complete, a permit shall be issued to the applicant. However, if it is determined that the installation might have a specific adverse impact on public health or safety, additional verification will be required before a permit can be issued.

This checklist substantially follows the "Plug-In Electric Vehicle Infrastructure Permitting Checklist" contained in the Governor's Office of Planning and Research "Zero Emission Vehicles in California: Community Readiness Guidebook" and is purposed to augment the guidebook's checklist.

Applicant Name: _____

Applicant Phone & email: _____

Contractor Name: _____

License Number & Type: _____

Contractor Phone & email: _____

Owner Name: _____

Owner Phone & email: _____

EVSE Charging Level:

Level 1 (120V) Level 2 (240V) Level 3 (480V)

Maximum Rating (Nameplate) of EV Service Equipment = _____ kW

Voltage EVSE = _____ V

Manufacturer of EVSE: _____

Mounting of EVSE: Wall Mount Pole Pedestal Mount Other _____

System Voltage: 120/240V, 1 ϕ , 3W 120/208V, 3 ϕ , 4W 120/240V, 3 ϕ , 4W
 277/480V, 3 ϕ , 4W Other _____

Rating of Existing Main Electrical Service Equipment = _____ Amperes

Rating of Panel Supplying EVSE (if not directly from Main Service) = _____ Amps

Rating of Circuit for EVSE: _____ Amps / _____ Poles

AIC Rating of EVSE Circuit Breaker (if not Single Family, 400A) = _____ A.I.C.

Specify Either Connected, Calculated or Documented Demand Load of Existing Panel:

- Connected Load of Existing Panel Supplying EVSE = _____ Amps
- Calculated Load of Existing Panel Supplying EVSE = _____ Amps
- Demand Load of Existing Panel or Service Supplying EVSE = _____ Amps
(Provide Demand Load Reading from Electric Utility)

Total Load (Existing plus EVSE Load) = _____ Amps

For Single Family Dwellings, if Existing Load is not known by any of the above methods, then the Calculated Load may be estimated using the "Single-Family Residential Permitting Application Example" in the Governor's Office of Planning and Research "Zero Emission Vehicles in California: Community Readiness Guidebook" <https://www.opr.ca.gov>

EVSE Rating _____ Amps x 1.25 = _____ Amps = Minimum Ampacity of EVSE
Conductor = # _____ AWG

For Single-Family: Size of Existing Service Conductors = # _____ AWG or kcmil
- or -

Size of Existing Feeder Conductor Supplying EVSE Panel = # _____ AWG or kcmil

I hereby acknowledge that the information presented is a true and correct representation of existing conditions at the job site and that any causes for concern as to life-safety verifications may require further substantiation of information.

Signature of Permit Applicant: _____ Date: _____