



Residential Level 1 Checklist for Permitting Electric Vehicle Service Equipment

Please complete the following information related to permitting and installation of Level 1 Electric Vehicle Service Equipment for residential or accessory use as a supplement to the application for a building permit. This checklist contains the technical aspects of installations and is intended to help expedite permitting and use for electric vehicle charging.

Upon this checklist being deemed complete, the proposal will be reviewed, and a permit shall be issued to the applicant once approved. 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.

This form will need to be printed, filled out and either brought into our office with your plans or uploaded online with your permit submittal.

Job Site Address: _____

Assessor Parcel Number: _____

Is this to be installed at a single-family dwelling, multi-family dwelling (apartment) or a multi-family dwelling (condominium) _____

Will the equipment be installed in the garage, parking lot or street curb? _____

Number of Electric Vehicle Service Equipment to be installed? _____

Description of Work: _____

Applicant, Contractor and Owner Information:

Applicants Name: _____

Applicants Phone & Email: _____

Contractors Name: _____

Contractors License Number & Type: _____

Contractors Phone & Email: _____

Owners Name: _____

Owners Phone & Email _____

Electric Vehicle Service Equipment Information

Maximum Rating (Nameplate) of Electric Vehicle Service Equipment: _____

Voltage Electric Vehicle Service Equipment: _____

Manufacturer of Electric Vehicle Service Equipment: _____

Will the Electric Vehicle Service Equipment be mounted on the wall, pole / pedestal or other? _____

Electrical Service Information

Indicate if the system voltage is 120/240 Volt, single phase, 3 Wire - 120/208 Volt, 3 phase, 4 Wire - 120/240 Volt, 3 phase or another configuration? _____

Rating of Existing Main Electrical Service Equipment in Amperes: _____

Rating of Circuit for Electric Vehicle Service Equipment in Amperes and Poles: _____

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

Connected Load of Existing Panel Supplying Electric Vehicle Service Equipment in Amperes: _____

Calculated Load of Existing Panel Supplying Electric Vehicle Service Equipment in Amperes: _____

Demand Load of Existing Panel or Service Supplying Electric Vehicle Service Equipment in Amperes.
Provided from electric utility _____

Total Load. Existing plus Electric Vehicle Service Equipment load in Amperes: _____

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>

Electric Vehicle Service Equipment Conductor And Overcurrent Protection Device Sizing

Electric Vehicle Service Equipment Rating in Amperes. Amperes $\times$ 1.25: _____

Minimum Conductor Size in American Wire Gauge: _____

Minimum Ampacity of Conductor in Amperes: _____

Size of Existing Service Conductors or Feeder Conductors: _____

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: _____