



CITY OF MISSION VIEJO RESIDENTIAL AND NON-RESIDENTIAL CHECKLIST FOR PERMITTING ELECTRIC VEHICLES & ELECTRIC VEHICLE SERVICE EQUIPMENT (EVSE)

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.

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.

PROJECT OVERVIEW

Job Address:	Permit No.
Single-Family Multi-Family (Apartment) Multi-Family (Condominium) Commercial (Single Business) Commercial (Multi-Businesses) Public Right-of-Way (Encroachment Permit)	
Location and Number of EVSE to be Installed:	
Garage ___ Parking Level(s) ___ Parking Lot ___ Street Curb ___	
Description of Work:	

EVSE DESCRIPTION

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 _____
Other _____			

ELECTRICAL SUMMARY

System Voltage: 120/240V, 1 ϕ , 3W 277/480V, 3 ϕ , 4W	120/208V, 3 ϕ , 4W Other _____	120/240V, 3 ϕ , 4W
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, 200A) = _____ A.I.C. (or verify with Inspector in field)		

LOAD SUMMARY

Specify Either Connected, Calculated or Documented Demand Load of Existing Panel: <ul style="list-style-type: none">• 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
<i>NOTE: 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" at https://www.opr.ca.gov</i>

CONDUCTOR SUMMARY

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

APPLICANT INFORMATION

Applicant Name:	
Applicant Phone & email:	
Contractor Name:	License Number & Type:
Contractor Phone & email:	
Owner Name:	
Owner Phone & email:	

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.

Print Name: _____ Date: _____

Signature _____