



CITY OF TEMPLE CITY

RESIDENTIAL AND NON-RESIDENTIAL CHECKLIST FOR PERMITTING ELECTRIC VEHICLES AND 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.

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.

Job Address:	Permit No.
<input type="checkbox"/> Single-Family <input type="checkbox"/> Multi-Family (Apartment) <input type="checkbox"/> Multi-Family (Condominium)	
<input type="checkbox"/> Commercial (Single Business) <input type="checkbox"/> Commercial (Multi-Businesses)	
<input type="checkbox"/> Mixed-Use <input type="checkbox"/> Public Right-of-Way	
Location and Number of EVSE to be Installed:	
Garage _____ Parking Level(s) _____ Parking Lot _____ Street Curb _____	
Description of Work:	

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

EVSE Charging Level: <input type="checkbox"/> Level 1 (120V) <input type="checkbox"/> Level 2 (240V) <input type="checkbox"/> Level 3 (480V)	
Maximum Rating (Nameplate) of EV Service Equipment = _____ kW	
Voltage EVSE = _____ V	Manufacturer of EVSE: _____
Mounting of EVSE: <input type="checkbox"/> Wall Mount <input type="checkbox"/> Pole Pedestal Mount <input type="checkbox"/> Other _____	

System Voltage: <input type="checkbox"/> 120/240V, 1 ϕ , 3W <input type="checkbox"/> 120/208V, 3 ϕ , 4W <input type="checkbox"/> 120/240V, 3 ϕ , 4W <input type="checkbox"/> 277/480V, 3 ϕ , 4W <input type="checkbox"/> 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. (or verify with Inspector in field)

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

(or Verify with Inspector in field)

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: _____



APPLICATION FOR ELECTRICAL PERMIT



PLEASE FILL OUT THE FOLLOWING INFORMATION

JOB ADDRESS: _____ UNIT NUMBER: _____

CITY/LOCALITY: _____ CROSS STREET: _____

ASSESSOR INFORMATION NUMBER: _____ - _____ - _____

TENANT: _____ (LAST NAME/BUSINESS NAME) _____ (FIRST) _____ (MI)

OWNER'S NAME: _____ (LAST NAME/BUSINESS NAME) _____ (FIRST) _____ (MI) OWNER/BUILDER: YES NO

ADDRESS: _____ PHONE: (____) _____ EXT: _____

APPLICANT: _____ (LAST NAME/BUSINESS NAME) _____ (FIRST) _____ (MI)

ADDRESS: _____ PHONE: (____) _____ EXT: _____

CONTRACTOR: _____ (LAST NAME/BUSINESS NAME) _____ (FIRST) _____ (MI) LIC. NUMBER: _____ CLASS: _____

ADDRESS: _____ PHONE: (____) _____ EXT: _____

ARCH/ENG: _____ (LAST NAME/BUSINESS NAME) _____ (FIRST) _____ (MI) LIC. NUMBER: _____ CLASS: _____

ADDRESS: _____ PHONE: (____) _____ EXT: _____

WORK DESCRIPTION: _____

PLEASE FILL OUT THE REVERSE SIDE

ELECTRICAL FEES

<u>ITEM</u>	<u>QUANTITY</u>	
B1	RESIDENTIAL, NEW BLDGS MULTI-FAMILY	Sq.Ft.
B2	RESIDENTIAL, NEW BLDGS 1 OR 2 FAMILY	Sq.Ft.
C1	SWIMMING POOLS, NEW	Pool(s)
C2	SPAS, HOT TUBS, WHIRLPOOLS, OTHER	Pool(s)
C3	POOL ALTERATIONS, OTHER TYPE POOLS	Pool(s)
D1	CARNIVAL ELECTRIC RIDES OR GENRTRS	Unit(s)
D2	CARNIVAL MECH RIDEES, DISPLAYS W/LGT	Unit(s)
D3	CARNIVAL BOOTH LIGHTING	Unit(s)
E1	TEMPORARY SERVICE, POWER POLE	Pole(s)
E2	TEMPORARY DIST SYSTEM, FOR CONST	Unit(s)
E3	TEMP POLE FOR XMAS TREE LOTS	Pole(s)
F1	BRANCH CIRCUITS, 120V, 15 OR 20A	Ckt(s)
F2	BRANCH CIRCUITS, LIGHTING, 208-277V	Ckt(s)
G1	OUTLETS – LIGHTING, RECEPT, SWITCH	Outlet(s)
G2	LIGHTING FIXTURES	Lgt Fxt(s)
G3	POLE MOUNTED LIGHT FIXTURES	Pole Fxt(s)
G4	THEATRICAL-TYPE LGT FIXTURES	Lgt Fxt(s)

RESIDENTIAL APPLIANCES LESS THAN 3HP

HA	FORCED AIR UNITS (FAU)	Appl(s)
H1	ELECTRIC OVENS	Appl(s)
H2	GARBAGE DISPOSALS	Appl(s)
H3	DISHWASHERS	Appl(s)
H4	RANGE HOODS	Appl(s)
H5	WASHING MACHINES	Appl(s)
H7	EXHAUST FANS	Appl(s)
H9	OTHER RESIDENTIAL LESS THAN 3HP	Appl(s)

NON-RESIDENTIAL APPLIANCES LESS THAN 3HP

IA	EXHAUST FANS	Appl(s)
IB	ELECTRIC WATER HEATERS	Appl(s)
IC	LIGHTED SHOWCASES	Appl(s)
ID	ELECTRIC DRINKING FOUNTAINS	Appl(s)
IE	VENDING MACHINES	Appl(s)
IF	LAUNDRY MACHINES	Appl(s)
J5	OTHER NON-RES LESS THAN 3HP	Appl(s)

POWER EQUIP OVER 3HP AND LESS THAN 10HP

JA	HEAT PUMPS	Appl(s)
JB	AC UNITS	Appl(s)
JD	BATTERY CHARGERS	Appl(s)
JE	ELECTRIC WATER HEATERS	Appl(s)
JF	REFRIGERATION CABINETS	Appl(s)
JG	ELECTRIC COOKING EQUIPMENT	Appl(s)
JH	ELECTRIC HEATERS	Appl(s)
JI	ELECTRIC GENERATORS	Appl(s)
J6	OTHER EQUIPMENT >3HP - <10HP	Appl(s)

FOR BUILDING & SAFETY USE ONLY

A1	PERMIT ISSUING FEE	_____
AW	PLAN CHECK FEE (70%)	_____
A5	PLAN CHECK – ENTER AMOUNT	_____

<u>ITEM</u>	<u>QUANTITY</u>	
<u>TRANSFORMERS</u>		
JM	TRANSFORMERS, <3KVA	Xfmr(s)
JN	TRANSFORMERS, 15KVA	Xfmr(s)
JO	TRANSFORMERS, 25KVA	Xfmr(s)
JQ	TRANSFORMERS, 37.5KVA	Xfmr(s)
JR	TRANSFORMERS, 45KVA	Xfmr(s)
JS	TRANSFORMERS, 50KVA	Xfmr(s)
JT	TRANSFORMERS, 75KVA	Xfmr(s)
JU	TRANSFORMERS, 112.5KVA	Xfmr(s)
JV	TRANSFORMERS, 150KVA	Xfmr(s)
JW	TRANSFORMERS, 225KVA	Xfmr(s)

MOTORS

JX	MOTORS, <3HP	Mtr(s)
JY	MOTORS, 5HP	Mtr(s)
JZ	MOTORS, 10HP	Mtr(s)
J0	MOTORS, 15HP	Mtr(s)
J1	MOTORS, 20HP	Mtr(s)
J2	MOTORS, 25HP	Mtr(s)
J3	MOTORS, 50HP	Mtr(s)
J4	MOTORS, 100HP	Mtr(s)

OTHER POWER EQUIPMENT

J7	PWR EQ W/RATING >10HP TO <50HP	Pwr Eq
J8	PWR EQ W/RATING >50HP TO <100HP	Pwr Eq
J9	PWR EQ W/RATING >100HP	Pwr Eq

ELECTRIC SIGNS

K1	SIGNS, OUTLINE LGT, ONE CKT	Sign(s)
K2	ADDTNL CKT WITHIN THE SAME SIGN	Sign(s)

SERVICES, PANELS, CONTROL PANELS, MCC'S

LA	100A PANELS, SERVICES, MCC'S	Pnl(s)
LB	200A PANELS, SERVICES, MCC'S	Pnl(s)
LC	225A PANELS, SERVICES, MCC'S	Pnl(s)
LD	400A PANELS, SERVICES, MCC'S	Pnl(s)
LE	600A PANELS, SERVICES, MCC'S	Pnl(s)
LF	800A PANELS, SERVICES, MCC'S	Pnl(s)
LG	1000A PANELS, SERVICES, MCC'S	Pnl(s)
LH	1200A PANELS, SERVICES, MCC'S	Pnl(s)
LI	1600A PANELS, SERVICES, MCC'S	Pnl(s)
LJ	2000A PANELS, SERVICES, MCC'S	Pnl(s)
LL	3000A PANELS, SERVICES, MCC'S	Pnl(s)
LM	HIGH VOLTAGE PANELS (OVER 600V)	Pnl(s)
LN	OTHER PANELS, 0 TO 399 AMPS	Pnl(s)
LO	OTHER PANELS, 400 TO 1000 AMPS	Pnl(s)
LP	OTHER PANELS, >1000 AMPS	Pnl(s)

W1	CABLE TRAYS, BUSWAYS (LENGTH)	Feet
M1	MISC CONDUITS & CONDUCTORS	Unit(s)
P1	HAZ LOCATNS >2000SF TOTAL	Haz Loc
R1	REPORT REVIEW FEE, # OF EQUIP	Eq
R2	HIGH VOLTAGE REPORT FEE, # EQUIP	HV Eq