

Type of Charging Station(s) Proposed

## Contra Costa County Department of Conservation and Development 30 Muir Road, Martinez, CA

Office: (925) 674-7200 Fax: (925) 674-7244

Eligibility Checklist for Expedited Electric Vehicle Charging Station Residential Permitting

Check one

In order for your application to be eligible for expedited EVCS processing, all questions requiring code compliance must be answered yes

Power Levels (proposed circuit rating)

	evel 1	110/120 volt alternating current (VAC) at 15 or 20 Amps			
	evel 2 - 3.3 kilowatt (kW) (low)	208/240 VAC at 20 or 30 Amps			
		208/240 VAC at 40 Amps	<u>_</u>		
_	Level 2 – 9.6kW (high) 208/240 VAC at 50 Amps				
	Level 2 – 19.2kW (highst) 208/240 VAC at 100 Amps				
_					
Other (provide detail): Provide rating:					
DFR	MIT APPLICATION				
		g information Draiget address, parcel # huilder/owner name	□Ү	□N	
A.	Is the application complete with the following information: Project address, parcel #, builder/owner name, contractor name, valid contractor's license #, phone numbers, etc.?				
R	3. Does the application include EVCS manufacturer's specs and installation guidelines?			□N	
υ.	boes the application include EVC3 manufactu	rei 3 specs and installation guidelines:	_   □Y		
FI F <i>(</i>	CTRIC LOAD CALCULATION WORKSHEET				
A.	Is an electrical load calculation worksheet in		□ү	П□и	
В.		new electrical service panel upgrade required?	□Y		
ъ.			□Y		
C.	, , , ,				
D.					
D.	<ol> <li>If charging equipment proposed is a Level 2 – 9.6 kW station with a circuit rating of 50 Amps or higher, is a completed circuit card with electrical calculations included with the single line diagram?</li> </ol>				
	15 d completed circuit card with electrical card	salations included with the single line diagram.			
SITE	PLAN & SINGLE LINE DRAWING				
Α.		line diagram included with the permit application?	□ү	□N	
Α.	Is a site plan and electrical plan with a single-line diagram included with the permit application?		□Y		
	<ol> <li>If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.52), is a mechanical plan included with the permit application?</li> </ol>				
В.				□N	
<u> </u>	Showing location, size, and use of all structures			□N	
	2) Showing location of electrical panel to charging system  2) Showing location of electrical panel to charging system			□N	
	3) Showing type of charging system and mounting  3)			□N	
	37 Showing type of ondiging system and me	NATURE CONTRACTOR OF THE PROPERTY OF THE PROPE	□Y	1	
CON	MPLIANCE WITH 2019 CALIFORNIA ELEC	TRICAL CODE (TITLE 24, PART 3)			
Α.	Does the plan include EVCS manufacturer's sp		□ү	Т□м	
В.	<u> </u>	e and location of existing electrical service panel?	□Y	□N	
	1) If yes, does the existing panel schedule sl	·	□Ү	□N	
C.	Is the charging unit rated more than 60 amps		□Y	□N	
<u> </u>		in a readily accessible location in line of site and within	□Y	□N	
	50' of EVCS? (CEC 625.43)	, , , , , , , , , , , , , , , , , , , ,			
D.		lly Recognized Testing Laboratory (NRTL) approved listing	□Y	□N	
	Mark? (UL 2202/UL 2200)	, , , , , , , , , , , , , , , , , , , ,			
E.	If trenching is required, is the trenching detai	I called out?	□Y	$\square$ N	
		rical feeder requirements from structure to structure? (CEC 225)	□Ү	□N	
	<u> </u>	· ,		<u> </u>	
	2) Is the trenching in compliance with mini	mum cover requirements for wiring methods or circuits? (18" for	□Ү	□N	
	direct burial per CEC 300)				



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Eligibility Checklist for Expedited Electric Vehicle Charging Station Multi-Unit Dwelling Permitting

In order for your application to be eligible for expedited EVCS processing, all questions requiring code compliance must be answered yes

	Type of Charging Station(s) Proposed	Power Levels (proposed circuit rating)	Check one	
	Level 1	110/120 volt alternating current (VAC) at 15 or 20 Amps		
	Level 2 - 3.3 kilowatt (kW) (low)	208/240 VAC at 20 or 30 Amps		
	Level 2 – 6.6kW (medium)	208/240 VAC at 40 Amps		
	Level 2 – 9.6kW (high)	208/240 VAC at 50 Amps		
	Level 2 – 19.2kW (highest)	208/240 VAC at 100 Amps		
	Other (provide detail):	Provide rating:		
PER	MIT APPLICATION			
Α.	Is the application complete with the following i	nformation: Project address, parcel #, builder/owner name	. П	□N
	contractor name, valid contractor's license #, p		,	
B.	Does the application include EVCS manufacture		□Y	□N
		,		· ·
ELE	CTRIC LOAD CALCULATION WORKSHEET			
A.	Is an electrical load calculation worksheet inclu	ided? (CEC 220)	□Y	$\square$ N
B.	Based on the load calculation worksheet, is a n	ew electrical service panel upgrade required?	□Y	□N
	1) If yes, do plans include the electrical service	e panel upgrade?	□Y	□N
C.	Is the charging circuit appropriately sized for a	s the charging circuit appropriately sized for a continuous load? (125%) (CEC 210.20)		□N
D.	If charging equipment proposed is a Level 2 – 9	0.6 kW station with a circuit rating of 50 Amps or higher,	□Y	□N
	is a completed circuit card with electrical calcu	lations included with the single line diagram?		
A.	E PLAN & SINGLE LINE DRAWING  Is a site plan and electrical plan with a single-lin	e diagram included with the permit application?	□Ү	□N
	1) If mechanical ventilation requirements are	triggered for indoor venting requirements (CEC 625.52), is a	□Y	$\square$ N
	mechanical plan included with the permit	application?		
B.	Is the site plan fully dimensioned and drawn to scale?		□Y	□N
	<ol> <li>Showing location, size, and use of all structures</li> <li>Showing location of electrical panel to charging system</li> </ol>		□Y	□N
			□Y	□N
	3) Showing type of charging system and mou		□Y	□N
	4) Showing accessible space(s) and route(s) pe	er CBC sections 11B-228.3 and 11B-812?	□Y	□N
COI	MPLIANCE WITH 2019 CALIFORNIA ELECT	RICAL CODE (TITLE 24, PART 3)		
A.	Does the plan include EVCS manufacturer's spec	cs and installation guidelines?	□Y	$\square$ N
B.	Does the electrical plan identify the amperage a	and location of existing electrical service panel?	□Y	□N
	1) If yes, does the existing panel schedule sho	w room for additional breakers?	□Y	□N
C.	Is the charging unit rated more than 60 amps o	r more than 150V to ground?	□Y	$\square$ N
	1) If yes, are disconnecting means provided in 50' of EVCS? (CEC 625.43)	a readily accessible location in line of site and within	□Ү	□N
D.	Does the charging equipment have a Nationally Mark? (UL 2202/UL 2200)	Recognized Testing Laboratory (NRTL) approved listing	□Ү	□N
E.	If trenching is required, is the trenching detail of	alled out?	□Y	□N
	1) Is the trenching in compliance with electric	cal feeder requirements from structure to structure? (CEC 2	25) 🗆 Y	□N
	Is the trenching in compliance with minimular direct burial per CEC 300)	um cover requirements for wiring methods or circuits? (18"	for $\square Y$	□N



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Eligibility Checklist for Expedited Electric Vehicle Charging Station Non-Residential Permitting

## In order for your application to be eligible for expedited EVCS processing, all questions requiring code compliance must be answered yes

Type of Charging Station(s) Proposed		Power Levels (proposed circuit rating)		Check one	
Level	1	110/120 volt alternating current (VAC) at 15 or 20 Amps	Commercial/Office Building		
Level	2 – 3.3 kilowatt (kW) (Low)	208/240 VAC at 20 or 30 Amps	Multi-Unit dwelling		
Level	2 – 6.6 kW (medium)	208/240 VAC at 40 Amps	Commercial Office Building		
Level	2 – 9.6 kW (high)	208/240 VAC at 50 Amps	Public Access		
Level 2 – 19.2 kW (highest)		208/240 VAC at 100 Amps			
DC Fa	ast Charging	440 or 480 VAC	Public Access/Large Com. Office		
			Building or parks Hospitality & Recreation		
Othe	r (Provide Detail):	Provide Ratings:			
PERIV	1IT APPLICATION				
A. I	s the application complete with the follo	wing information: Project address, p	parcel #, builder/owner name,	□Y	$\square$ N
	contractor name, valid contractor's licen	•			
B. C	oes the application include EVCS manuf	acturer's specs and installation guide	elines?	□Y	$\square$ N
ELEC1	FRIC LOAD CALCULATION WORKSH	IEET			
A. I:	s an electrical load calculation workshee	et included? (CEC 220)		□Ү	$\square$ N
В. Е	Based on the load calculation worksheet	, is a new electrical service panel up	grade required?	□Y	$\square$ N
1	L) If yes, do plans include the electrical	service panel upgrade?		□Ү	□N
C. I	- · · · · · · · · · · · · · · · · · · ·				
D. I					
is a completed circuit card with electrical calculations included with the single line diagram?					
SITE F	PLAN & SINGLE LINE DRAWING				
A. I:	s a site plan and electrical plan with a sin	gle-line diagram included with the p	ermit application?	□ү	$\square$ N
	1) If mechanical ventilation requirements are triggered for indoor venting requirements (CEC 625.52), is a				□N
	mechanical plan included with the permit application?				
B. I:				□Y	$\square$ N
1	1) Showing location, size, and use of all structures				$\square$ N
2	2) Showing location of electrical panel to charging system				$\square$ N
3	3) Showing type of charging system and mounting				$\square$ N
	1) Showing accessible space(s) and rout	e(s) per CBC sections 11B-228.3 and	11B-812?	□ү	$\square$ N
COM	PLIANCE WITH 2019 CALIFORNIA E	ELECTRICAL CODE (TITLE 24, PAI	RT 3)		
	Does the plan include EVCS manufacture	•	•	□Ү	□N
	Does the electrical plan identify the ampe		cal service panel?		□N
	L) If yes, does the existing panel schedu		·	□Y	□N
C. I		ore than 60 amps or more than 150V to ground?			□N
	L) If yes, are disconnecting means prov 50' of EVCS? (CEC 625.43)		n line of site and within	Y Y	□N
	Does the charging equipment have a Nati Mark? (UL 2202/UL 2200)	onally Recognized Testing Laborator	y (NRTL) approved listing	□Ү	□N
	If trenching is required, is the trenching detail called out?				□N
	L) Is the trenching in compliance with a		structure to structure? (CEC 225)	□ Y □ Y	□N
7	<ol><li>Is the trenching in compliance with r burial per CEC 300)</li></ol>	ninimum cover requirements for wir	ing methods or circuits? (18" for direc	ct 🗆 Y	□N