

Single-Family Residential Permitting Application Example

Snapshot: As discussed in the Permitting section of the Guidebook, the process for single-family residential charging is often as simple as adding a 120V or 208/240V branch circuit (for Level 1 or Level 2 charging). Many local governments permit this type of electrical vehicle supply equipment with the same process used for a standard electrical appliance. Some examples of permit applications include: The City of Davis' [Application for Residential Building Permit](#), the City of San Diego's online [E-Permit](#), the Department of Energy's [Permit for Charging Equipment Installation](#) and the city and county of San Francisco's [Worksheet for Electric Permit](#). San Francisco's permit is provided below to showcase one example of a standard electrical appliance application that local governments could work from and modify for their needs and requirements.

(Insert logo here)	<p>DEPARTMENT OF BUILDING INSPECTION WORKSHEET FOR ELECTRICAL PERMIT</p> <p>Please complete BOTH SIDES of this worksheet prior to application for permit issuance. Required information is shown in bold.</p>
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Job Address: Click here to enter text.	Permit #: Click here to enter text.
	Floor (Job Location): Click here to enter text.

<input type="checkbox"/> Contractor	<input type="checkbox"/> Homeowner	<input type="checkbox"/> Other
Contractor License #: Click here to enter text.	License Class: Click here to enter text.	Business Tax License #: Click here to enter text.

Contractor Company Name: (If applicable) Click here to enter text.	Applicant Signature: Click here to enter text.
Applicant Name: Click here to enter text.	Applicant Phone: Click here to enter text.
Applicant Address: Click here to enter text.	Applicant Cell Phone: Click here to enter text.
Property Owner Name: Click here to enter text.	Owner Phone: Click here to enter text.
Owner Address: Click here to enter text.	Owner Cell Phone: Click here to enter text.

Describe Scope of Work: Include area(s) of work, electrical distribution equipment, devices, and utilization equipment if applicable and locations (describe area, tenant name, suite #, etc.). Click here to enter text.	Office Use Only
Click here to enter text.	

Services No. & Sizes: Click here to enter text.				
Feeders No. & Sizes: Click here to enter text.			Circuits: Click here to enter text.	
Panelboards/Switchboards No. & Sizes: Click here to enter text.				
Transformers No. & Sizes: Click here to enter text.				
No. of Lights: Click here to enter text.	Switches: Click here to enter text.	Receptacles: Click here to enter text.	Fans: Click here to enter text.	Dishwashers: Click here to enter text.
Garbage Disposals: Click here to enter text.	Microwaves: Click here to enter text.	Ranges: Click here to enter text.	Hydro-massage Tubs: Click here to enter text.	Smoke Detectors: Click here to enter text.

Other Equipment:
 Click here to enter text.

<input type="checkbox"/>	Residential	<input type="checkbox"/>	Non-Residential	An outlet is defined as a point on the wiring system at which current is taken to supply utilization equipment.
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Building Permit Application # (If applicable): PA# Click here to enter text.	Plumbing Permit # (If applicable): P Click here to enter text.	Valuation of Electrical Work: \$ Click here to enter text.
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Category 1: General Wiring: Residential building of 10,000 sq. ft. or less					
<input type="checkbox"/>	10 outlets or less	<input type="checkbox"/>	21 – 40 outlets	<input type="checkbox"/>	Buildings of 5,000 – 10,000 sq. ft.
<input type="checkbox"/>	11 – 20 outlets	<input type="checkbox"/>	41 outlets or more		

Category 2: General Wiring: Non-residential buildings and Residential Buildings over 10,000 sq. ft. in area					
<input type="checkbox"/>	Up to 5 outlets	<input type="checkbox"/>	2,501 – 5,000 sq. ft.	<input type="checkbox"/>	50,001 – 100,000 sq. ft.
<input type="checkbox"/>	6 – 20 outlets	<input type="checkbox"/>	5,001 – 10,000 sq. ft.	<input type="checkbox"/>	100,001 – 500,000 sq. ft.
<input type="checkbox"/>	21 or more outlets	<input type="checkbox"/>	10,001 – 30,000 sq. ft.	<input type="checkbox"/>	500,001 – 1,000,000 sq. ft.
<input type="checkbox"/>	Up to 2,500 sq. ft.	<input type="checkbox"/>	30,001 – 50,000 sq. ft.	<input type="checkbox"/>	More than 1,000,000 sq. ft.

Category 3: Retrofit Service and Distribution Equipment that is not part of Categories 1 and 2					
<input type="checkbox"/>	Up to 225 amps	<input type="checkbox"/>	1,200 – 2,000 amps	<input type="checkbox"/>	Up to 150 kva
<input type="checkbox"/>	226 – 500 amps	<input type="checkbox"/>	More than 2,000 amps	<input type="checkbox"/>	Over 151 kva
<input type="checkbox"/>	600 – 1,000 amps	<input type="checkbox"/>	Over 600 volts	<input type="checkbox"/>	Fire pumps

Category 4a: Installation of Fire Warning and Controlled Devices					
<input type="checkbox"/>	Up to 2,500 sq. ft.	<input type="checkbox"/>	10,001 – 30,000 sq. ft.	<input type="checkbox"/>	100,001 – 500,000 sq. ft.
<input type="checkbox"/>	2,501 – 5,000 sq. ft.	<input type="checkbox"/>	30,001 – 50,000 sq. ft.	<input type="checkbox"/>	500,001 – 1,000,000 sq. ft.
<input type="checkbox"/>	5,001 – 10,000 sq. ft.	<input type="checkbox"/>	50,001 – 100,000 sq. ft.	<input type="checkbox"/>	More than 1,000,000 sq. ft.

Category 4b: Retrofit Systems of Fire Warning and Controlled Devices					
<input type="checkbox"/>	Buildings of 6 dwelling units or less	<input type="checkbox"/>	Up to 3 floors	<input type="checkbox"/>	21 – 30 floors
<input type="checkbox"/>	Buildings of 7-12 dwelling units	<input type="checkbox"/>	4 – 9 floors	<input type="checkbox"/>	More than 30 floors
		<input type="checkbox"/>	10 – 20 floors		

Category 5: Miscellaneous Installations			
Remodel/Upgrade of Existing Hotel Guest/SRO Rooms: Number of Rooms:			Click here to enter text.
Data, Communications, and Wireless Systems: Number of Cables:			Click here to enter text.
Number of Office Workstations:	Click here to enter text.	Temporary Exhibition Wiring No. of Booths/Outlets:	Click here to enter text.
Number of Exterior Signs:	Click here to enter text.	Number of Interior Signs:	Click here to enter text.
Garage Door Operator (Requiring receptacle installation): Number of Door/s:			Click here to enter text.
Quarterly Permits (Includes 1 inspection) (max 5 outlets in any one location):			<input type="checkbox"/> Quarterly
Survey	<input type="checkbox"/>	Survey Only	Additional Hours: Click here to enter text.
	<input type="checkbox"/>	Research/Survey	Additional Hours: Click here to enter text.

		&Report		
Witness Testing Hours (1 hr min):	<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
	Additional Hours: Click here to enter text.			
No. of Off-Hours (2 hrs min):	Click here to enter text.		No. of Additional Inspections/Hours Required:	Click here to enter text.
Security Systems. Number of Components:	Click here to enter text.		Energy Management, HVAC, & Low Voltage. Number of floors:	Click here to enter text.
Plan Review: Number of Hours:	Click here to enter text.		Solar PV Systems:	Click here to enter text.
	Total kW Rating:			Click here to enter text.

PLEASE REVIEW YOUR PERMIT INFORMATION FOR ACCURACY. A NEW PERMIT IS REQUIRED TO CORRECT INACCURACIES OR OMISSIONS ON ISSUED PERMITS.