



City of Cerritos Department of Community Development  
Civic Center • 18125 Bloomfield Avenue  
P.O. Box 3130 • Cerritos, California 90703-3130  
Phone: (562) 916-1201 • Fax: (562) 916-1371  
[www.cerritosgis.com](http://www.cerritosgis.com) • [www.cerritos.gov](http://www.cerritos.gov)

## **COMMERCIAL/INDUSTRIAL SOLAR ENERGY SYSTEM APPLICATION CHECKLIST**

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### **COMMERCIAL/INDUSTRIAL SOLAR ENERGY SYSTEM APPLICATION**

Submittal requirements for Commercial/Industrial Solar Energy System Application are listed below. Please include the following items:

#### **1) PLANNING APPLICATION: Commercial/Industrial Solar Energy System Application**

- ☐ Complete all sections (incomplete applications will delay processing time)
- ☐ Include all required plans/drawings/calculations listed in the application
- ☐ Property owner's signature required

If you have any questions, please call the Planning Division at (562) 916-1201.

#### **2) BUILDING PERMIT APPLICATION**

- ☐ Complete all sections (incomplete applications will delay processing time)
- ☐ Complete Declaration Form
  - ☐ If owner-builder, complete columns 1 and 3
  - ☐ If contractor, complete columns 2 and 3

If you have any questions, please call the Building & Safety Division at (562) 916-1209.

Submit forms together, with all required plans/drawings, at <https://forms.cerritos.gov/City-of-Cerritos/Community-Development/Application-Plan-Submittal-Form>

For more detailed information regarding the process for online submittal, please read the *Planning/Building Electronic Submittal Procedure* at <https://www.cerritos.gov/media/mjufcss3/electronic-submittal-procedure.pdf>

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#### **3) BUSINESS LICENSE REQUIREMENT**

If you are a contractor, you must have a valid City of Cerritos business license.

Please call the Business License Division at (562) 916-1236 to confirm active status or apply at [permits.cerritos.gov](http://permits.cerritos.gov)

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## COMMERCIAL/INDUSTRIAL SOLAR ENERGY SYSTEM APPLICATION

Implementation standards for commercial and industrial solar energy systems are set forth in this application.

### 1.0 OWNER INFORMATION

1.1a Property owner name(s): \_\_\_\_\_ 1.1b Phone number: \_\_\_\_\_

1.2a Business owner name(s): \_\_\_\_\_ 1.2b Phone number: \_\_\_\_\_  
*(If different than Property owner listed in Item 1.1a above)*

1.3 Property address: \_\_\_\_\_

### 2.0 SOLAR ENERGY SYSTEM INFORMATION

2.1 Name of contractor/ entity performing work: \_\_\_\_\_ 2.2 State license #: \_\_\_\_\_

2.3 City business license #: \_\_\_\_\_ 2.4 Contact name: \_\_\_\_\_

2.5 Complete the solar energy system details requested below.

Proposed use for solar energy system:	<input type="checkbox"/> Electricity <input type="checkbox"/> Pool/spa <input type="checkbox"/> Space Heating	<input type="checkbox"/> Water heater <input type="checkbox"/> Other (specify): _____
Solar energy system manufacturer:	Solar energy system unit name:	Existing roof area: _____ sq. ft.
		Size of solar energy system: _____ sq. ft.

### 3.0 REQUIRED PLAN SPECIFICATIONS

Check the boxes below to acknowledge the submittal, with this completed application, of **three (3) copies** of plans as specified below (including all listed details):

- ☐ 3.1 Site plan (minimum 11" x 17") showing:
- 3.1a: Property address
  - 3.1b: North arrow
  - 3.1c: Scale
  - 3.1d: Roof plan
  - 3.1e: Solar panel location, with dimensions from roof edges and panel dimensions
  - 3.1f: Dimensioned depiction of all disconnects and other equipment on the roof
  - 3.1g: The path of all wiring

Property address: \_\_\_\_\_  
*(same as item 1.3 on page 1)*

<b>FOR OFFICE USE ONLY</b>	A/P# _____ <i>(Project Reference Number)</i>
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- 3.1h: Dimensioned depiction and of all conduits, piping, or wiring on the roof, subject to the following guidelines:
  - » Visible conduits, piping, or wiring shall be minimized to the extent feasible.
  - » Generally, wiring shall be routed under the panel into the roof and through the attic or building interior.
  - » For sloping roofs:
    - No conduit, piping, or wiring shall be permitted to extend across the roof more than 5'-0".
    - No conduit, piping, or wiring shall be permitted to extend over a roof ridge.
    - If there is no attic, then panels shall be sited to minimize conduit runs across the roof to the extent feasible, with no conduit runs greater than 5'-0" across the roof.
    - No conduit shall be permitted to wrap around a roof eave; instead, conduits shall be routed through the roof eave to the vertical wall below.
  - » All conduits permitted in the guidelines above shall be painted to match the color of the surface on which they are mounted.
- 3.1i: Location of adjacent buildings
- 3.1j: Location of trees on the subject property

- ☐ 3.2 Complete building elevations (minimum 11" x 17") showing:
- 3.2a: All affected elevation views (minimum 3 out of 4 elevation views) drawn to scale
  - 3.2b: Scale
  - 3.2c: Dimensioned profile of the solar panels
    - » For flat roofs:
      - Generally, solar panels shall be wholly screened behind and below the height of the building parapet.
      - If there is no existing parapet or if the solar panels are visible from a public street, architecturally compatible screening shall be added to the design.
    - » For sloping roofs:
      - Generally, panel installations shall have a low-profile, flush-mounted design.
      - The smallest gap feasible is encouraged between the solar panel and the roof material, and said gap shall be a maximum of 6".
      - Generally, the portion of the roof under the solar panels shall not be changed to a different material than the remainder of the roof. Include a depiction and clear written indication that the roof material shall remain consistent across the entire roof.
      - If a different roof material is needed under the solar panels, it shall not be visible. Provide documentation explaining why the different roof material is needed and apply for a separate re-roof permit. The property owner will be required to record a covenant requiring the restoration of said roof material to its original style and color if the solar panel is ever removed in the future.
      - Include a depiction and clear written indication that portions of the mounting hardware that are visible shall be painted to match the adjoining equipment (specify the color). Unpainted or reflective metal shall be prohibited.

**Property  
address:**

*(same as item 1.3 on page 1)*

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USE ONLY**

**A/P#** \_\_\_\_\_  
*(Project Reference Number)*

Continued next page →

- 3.2d: Dimensioned depiction of all electrical panels, meters, and other equipment associated with the solar energy system, subject to the following guidelines:
  - » Generally, electrical panels, meters, and other equipment shall be painted to match the color of the surface on which they are mounted.
  - » If any equipment cannot be painted:
    - Provide documentation explaining why it cannot be painted, and
    - Indicate the actual color in which it will be installed.
- 3.2e: Dimensioned depiction of all conduits, piping, or wiring on exterior walls, subject to the following guidelines:
  - » Vertical conduit runs shall be sited and located in such a manner to minimize visibility from public streets and, if feasible, from adjacent properties, along an architectural projection, along a rain gutter, or at the intersection of two building planes. To the maximum extent feasible, conduits shall not run vertically across the middle of a flat stucco plane, but rather at the plane edges or at prominent architectural transition areas. If no such architectural transition areas exist, the conduit shall be run across the shortest vertical distance.
  - » Horizontal conduits that connect the vertical conduit to electrical panels shall run along the base of the building above the weep screed or, if infeasible, as low as possible below the height of any perimeter screen walls.
  - » All conduits shall be painted to match the exterior walls on which they are mounted.

- ☐ 3.3 Solar panel installation details showing:
- 3.3a: Manufacturer's specifications
  - 3.3b: Panels, pins/posts, mounting hardware, and electrical connections drawn to scale
  - 3.3c: Dimensioned depiction of the panel mounting
  - 3.3d: Roof materials and connections
    - » See item 3.2c above for detailed requirements for flat roofs and sloping roofs.
- ☐ 3.4 Equipment floor plan (minimum 11" x 17") showing:
- 3.4a: Dimensions and location of any associated equipment to be installed on the property, drawn to scale
  - 3.4b: Label the room(s) or space where the equipment is installed
  - 3.4c: Equipment mounted on the face of exterior walls of the building shall be no higher than 6'-0" from the finish grade and shall be painted to match the exterior wall color.
    - If any equipment cannot be painted:
      - Provide documentation explaining why it cannot be painted, and
      - Indicate the actual color in which it will be installed.
- ☐ 3.5 Aerial photograph of the existing building and property
- 3.5a: Photograph image must be minimum 5" x 7", but may be printed directly on the minimum 11" x 17" sheet.
- ☐ 3.6 Current photographs of the affected roof areas and walls
- 3.6a: Photograph images must be minimum 5" x 7", but may be printed directly on the minimum 11" x 17" sheet.
- ☐ 3.7 Completed standard electrical diagram for small-scale, single-phase PV systems:
- 3.7a: Two (2) pages, attached to this application
  - 3.7b: If the system is larger in scale, provided separate electrical drawings.

**Property  
address:**

\_\_\_\_\_

*(same as item 1.3 on page 1)*

**FOR OFFICE  
USE ONLY**

**A/P#**

\_\_\_\_\_

*(Project Reference Number)*

Continued next page →

**4.0 BUILDING AND SAFETY APPLICATIONS**

A Building/Plumbing/Electrical/Mechanical Permit Application from the Cerritos Building and Safety Division will also be required together with this Commercial/Industrial Solar Energy System Application. This Building Permit Application is available for download from the City of Cerritos website at [cerritos.gov/buildingpermits](http://cerritos.gov/buildingpermits).

**5.0 ACKNOWLEDGEMENT**

By signing below, I acknowledge an understanding of the following declarations:

- 5.1 Review of Requirements. I declare, under penalty of making a false statement, that I have read and understand the statements and requirements of this application.
- 5.2 Conditions of Approval. I understand and will comply with the following conditions of approval, and I understand that the solar energy system will not receive a final approval until all of the said requirements and conditions have been completed:
- 5.2a: The requirements of Section 3 of this application are hereby incorporated as conditions of approval, unless expressly and individually waived in writing by the City of Cerritos.
  - 5.2b: The solar energy system shall conform to the provisions and requirements of the County of Los Angeles Building, Electrical, Mechanical, and Plumbing Codes.
- 5.3 Construction. Hours and days of construction are limited to the following:
- Monday to Friday: 7am to 6pm
  - Saturday: 10am to 5pm
  - Sunday/City-Observed Holiday: No Work
- 5.4 Permit and Plan Adherence.
- 5.4a: No work of any type shall take place unless all required permits are issued.
  - 5.4b: The undersigned warrant that the plans submitted for review in connection with this application are complete and accurate. Approval of the submitted plans is subject to the applicant having submitted accurate dimensions and information. If, during construction, it is found that the approved plans did not have accurate dimensions and/or information, the City of Cerritos may require the work to cease until revised, accurate plans are submitted to the Department of Community Development for review in accordance with the requirements set forth herein.
  - 5.4c: All improvements shall be constructed in accordance with the approved plans. If, during construction, modifications or deviations from the approved plans are deemed necessary, any and all such modifications shall be submitted in the form of revised plans to the Department of Community Development for review in accordance with the requirements set forth herein. No modification or deviation shall proceed without prior written approval by the Department of Community Development. If these requirements are violated, the City of Cerritos may require the work to be completely removed and reconstructed in accordance with the approved plans.
- 5.5 Penalties for Violation. A violation of the statements and requirements of the Municipal Code may constitute an infraction punishable pursuant to Section 1.08.020 of the Cerritos Municipal Code.

**Property  
address:**

\_\_\_\_\_ *(same as item 1.3 on page 1)*

**FOR OFFICE  
USE ONLY**

**A/P#** \_\_\_\_\_  
*(Project Reference Number)*

*Continued next page →*

**I acknowledge and understand declarations 5.1 through 5.5 above.**5.6 Property Owner's  
signature: \_\_\_\_\_

Date: \_\_\_\_\_

5.7 Business Owner's  
signature (if different than  
Property Owner above): \_\_\_\_\_

Date: \_\_\_\_\_

5.8 Contractor's signature: \_\_\_\_\_

Date: \_\_\_\_\_

5.9 Property address: \_\_\_\_\_

(same as item 1.3 on page 1)

**FOR OFFICE USE ONLY****Planner check**

- ☐ Signature of both property owner and contractor are provided, as well as business owner, if applicable
- ☐ Review aerial photo and submitted photos to check proposal against existing conditions
- ☐ Project complies with application requirements
- ☐ Computer permit entry:
- ☐ Check cases for existing notes
  - ☐ Check for expired permits requiring resolution
  - ☐ Check that a permit is not already entered for this application and property
  - ☐ Computer codes: OVRTHECNTR » SLRENE
  - ☐ Property owner information is current (GIS); if not, request a copy of the grant deed to confirm ownership as a condition of permit issuance
  - ☐ Enter permit data

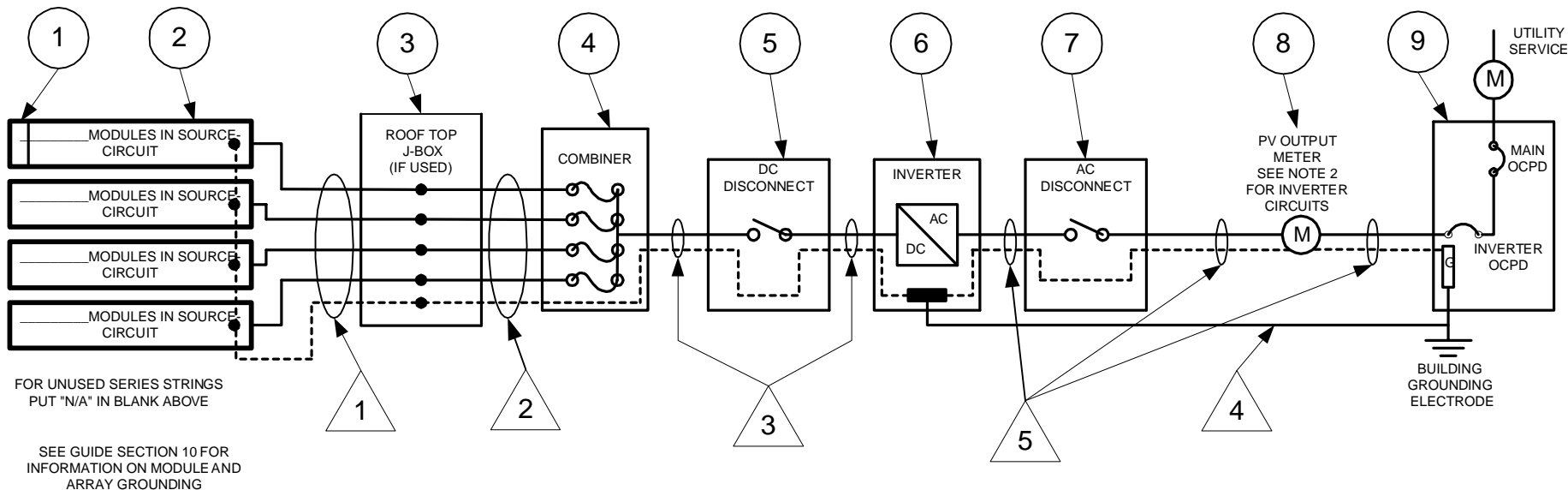
**Project Reference Number:****A/P#** \_\_\_\_\_

- ☐ Sign and date approval area
- ☐ Refer to Building and Safety Division for permit

**City of Cerritos  
Planning Approval**\_\_\_\_\_  
Staff Signature\_\_\_\_\_  
Date

Issuance of the permit shall not be construed as final approval of this installation. No final shall be issued unless all conditions of approval above have been completed.

○	EQUIPMENT SCHEDULE		
TAG	DESCRIPTION	PART NUMBER	NOTES
1	SOLAR PV MODULE		
2	PV ARRAY		
3	J-BOX (IF USED)		
4	COMBINER (IF USED)		
5	DC DISCONNECT		
6	DC/AC INVERTER		
7	AC DISCONNECT (IF USED)		
8	GEN METER (IF USED)		
9	SERVICE PANEL		



### STANDARD ELECTRICAL DIAGRAM FOR SMALL-SCALE, SINGLE-PHASE PV SYSTEMS

SITE NAME:

SITE ADDRESS:

SYSTEM AC SIZE:

CONTRACTOR / ENG. NAME:

CONTRACTOR / ENG. ADDRESS:

CONTRACTOR / ENG. LIC # :

EXPIRATION DATE:

DRAWN BY:

DATE:

DRAWING NO:

Δ	CONDUIT AND CONDUCTOR SCHEDULE				
TAG	DESCRIPTION OF CONDUCTOR TYPE	Cond. Gauge	# of Conductors	Conduit Type	Conduit Size
1	USE-2 OR PV WIRE(UF, SE, USE)				
	BARE COPPER EQ. GND. COND.(EGC)				
2	THWN-2 OR XHHW-2 (circle one)				
3	THWN-2 OR XHHW-2 (circle one)				
	INSULATED EGC				
4	DC GROUNDING ELECTRODE COND.				
5	THWN-2 OR XHHW-2 (circle one)				
	INSULATED EGC				



PV MODULE RATINGS		
MODULE MAKE		
MODULE MODEL		
MAX. POWER POINT CURRENT (Imp)		
MAX. POWER POINT VOLTAGE (Vmp)		
OPEN-CIRCUIT VOLTAGE (Voc)		
SHORT-CIRCUIT CURRENT (Isc)		
MAX. SERIES FUSE (OCPD)		
MAX. POWER (Pmax)		
MAX. VOLTAGE (TYP 600 VDC)		

#### NOTES FOR ALL DRAWINGS

OCPD=OVERCURRENT PROTECTION DEVICE

NATIONAL ELECTRICAL CODE REFERENCES  
SHOWN AS (NEC XXX.XX)

#### INVERTER RATINGS

INVERTER MAKE		
INVERTER MODEL		
MAX. DC VOLT RATING		
MAX POWER @40°C		
NOMINAL AC VOLTAGE		
MAX AC CURRENT		
MAX OCPD		

#### SIGNS

SIGN FOR DC DISCONNECT	
PHOTOVOLTAIC POWER SOURCE	
RATED MPP CURRENT	
RATED MPP VOLTAGE	
MAX. SYSTEM VOLTAGE	
MAX CIRCUIT CURRENT	
WARNING ELECTRICAL SHOCK HAZARD-LINE AND LOAD MAY BE ENERGIZED IN OPEN POSITION	
SIGN FOR INVERTER OCPD AND AC DISCONNECT (IF USED)	
AC POINT OF CONNECTION	
AC OUTPUT CURRENT	
NOMINAL AC VOLTAGE	

#### NOTES FOR ARRAY CIRCUIT WIRING

1) LOWEST EXPECT AMBIENT TEMPERATURE BASED ON ASHRAE MINIMUM MEAN EXTREME DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION. LOWEST EXPECTED AMBIENT TEMP 0 °C

2) HIGHEST CONTINUOUS AMBIENT TEMPERATURE BASED ON ASHRAE HIGHEST MONTH 2% DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION LOCATION. HIGHEST CONTINUOUS TEMPERATURE 34 °C

3) 2005 ASHRAE FUNDAMENTALS 2% DESIGN TEMPERATURES DO NOT EXCEED 47°C IN THE UNITED STATES (PALM SPRINGS, CA IS 44.1°C). FOR LESS THAN 9 CURRENT-CARRYING CONDUCTORS IN ROOF-MOUNTED SUNLIT CONDUIT AT LEAST 1/2" ABOVE ROOF AND USING THE OUTDOOR DESIGN TEMPERATURE OF 47°C OR LESS (ALL OF UNITED STATES),  
a) 12 AWG 90°C CONDUCTORS ARE GENERALLY ACCEPTABLE FOR MODULES WITH Isc OF 7.68 AMPS OR LESS WHEN PROTECTED BY A 12 AMP OR SMALLER FUSE  
b) 10 AWG 90°C CONDUCTORS ARE GENERALLY ACCEPTABLE FOR MODULES WITH Isc OF 9.6 AMPS OR LESS WHEN PROTECTED BY A 15 AMP OR SMALLER FUSE

#### NOTES FOR INVERTER CIRCUITS

1) IF UTILITY REQUIRES A VISIBLE-BREAK SWITCH, DOES THIS SWITCH MEET THE REQUIREMENT? YES / NO (CIRCLE ONE)

2) IF GENERATION METER REQUIRED, DOES THIS METER SOCKET MEET THE REQUIREMENT?  
YES / NO (CIRCLE ONE)

3) SIZE PHOTOVOLTAIC POWER SOURCE (DC) CONDUCTORS BASED ON MAX CURRENT ON 690.53 SIGN OR OCPD RATING AT DISCONNECT (IF SUPPLIED)

4) SIZE INVERTER OUTPUT CIRCUIT (AC) CONDUCTORS ACCORDING TO INVERTER OCPD AMP RATING

5) TOTAL OF \_\_\_\_ INVERTER OCPD(s), ONE FOR EACH INVERTER. DOES TOTAL SUPPLY BREAKERS COMPLY WITH 120% BUSBAR EXCEPTION IN 690.64(B)(2)(a)? YES / NO (CIRCLE ONE)

#### STANDARD ELECTRICAL DIAGRAM FOR SMALL-SCALE, SINGLE-PHASE PV SYSTEMS

SITE NAME:

SITE ADDRESS:

SYSTEM AC SIZE:

CONTRACTOR / ENG. NAME:

CONTRACTOR / ENG. ADDRESS:

CONTRACTOR / ENG. LIC # :

EXPIRATION DATE:

DRAWN BY:

DATE:

DRAWING NO:

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**City of Cerritos**  
18125 Bloomfield Avenue  
Cerritos, CA 90703  
(562) 916-1209

**Department of Community  
Development**  
Building and Safety Division

(For office use only)

Building Permit #: \_\_\_\_\_  
Trade Permit #: \_\_\_\_\_  
Parent Permit#: \_\_\_\_\_

**Building/Plumbing/Electrical/Mechanical Permit Application**

Applicant's Name: \_\_\_\_\_

Company Name (if applicable): \_\_\_\_\_

Tel. No: \_\_\_\_\_ Email: \_\_\_\_\_ Date: \_\_\_\_\_

Job Site Address: \_\_\_\_\_ Suite: \_\_\_\_\_

Work Description: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Is this an owner-builder project?

☐ Yes, this is an owner-builder project. As the applicant for an owner-building project, you are required to complete columns 1 and 3 of attached Declaration Form.

Is the job site address your primary residence? ☐ Yes ☐ No (If no, an owner-builder project is not permitted, and the owner must contract exclusively with a licensed contractor.)

☐ No, this is not an owner-builder project. Complete columns 2 and 3 of the attached Declaration Form.

Project Valuation: \_\_\_\_\_ APN#: \_\_\_\_\_

Project Size (sq.ft.): \_\_\_\_\_ Buildings on Lot: \_\_\_\_\_ # of Stories \_\_\_\_\_

Construction Types: \_\_\_\_\_ Occupancy Groups: \_\_\_\_\_

**Type of Permit(s) Requested:** ☐ Building ☐ Plumbing ☐ Electrical ☐ Mechanical

☐ **Owner/Business Name:** \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Email: \_\_\_\_\_

☐ **Contractor Name:** \_\_\_\_\_ **Company:** \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Email: \_\_\_\_\_

License No: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

City Business License No: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

**(Please fill out attached Licensed Contractor's Declaration Form)**

☐ **Architect/Engineer Name:** \_\_\_\_\_ **Company:** \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Telephone Number: \_\_\_\_\_

License No: \_\_\_\_\_ Class: \_\_\_\_\_ Expiration Date: \_\_\_\_\_

# Building/Plumbing/Electrical/Mechanical Permit Application (continued)

## PLUMBING

Code	Items	Units	Code	Items	Units
03	Backwater Valves	___ Valve(s)	45	Water closet/urinal/bidet	___ Fixture(s)
05	Backflow prevention device/sprinkler	___ Device(s)	47	Water heater	___ W.H.(s)
07	Bathtubs/showers	___ Fixture(s)	49	Water treating equipment (filter, softener)	___ System(s)
11	Clothes washer (tray/standpipe)	___ Fixture(s)	51	Low pressure gas sys. (5 outlets or less)	___ System(s)
13	Dishwashers	___ Fixture(s)	52	Fee for additional outlets >5	___ Outlet(s)
15	Drinking fountain	___ Fixture(s)	53	Medium/high pressure gas system	___ System(s)
17	Floor drains	___ Fixture(s)	54	Additional fee for each outlet	___ Outlet(s)
19	Floor sinks	___ Fixture(s)	55	Gas meter (private)	___ Meter(s)
21	Hose bibbs	___ Fixture(s)	56	Gas regulator	___ Reg(s)
23	Interceptor (clarifier)	___ System(s)	60	Drainage/vent piping repair or alter	___ System(s)
25	Lavatories/sinks	___ Fixture(s)	62	Greywater system	___ System(s)
26	Miscellaneous fixture	___ Fixture(s)	63	Water piping replacement branch/fixture	___ Fixture(s)
27	Pressure regulator—prv/water	___ Device(s)	64	Other water piping < 1 1/2 inches	___ Line(s)
29	Roof drains	___ Fixture(s)	65	Other water piping 2-3 inches	___ Line(s)
35	Solar water heating system	___ System(s)	66	Other water piping > 3 inches	___ Line(s)
39	Swimming pool trap and receptor	___ System(s)			
41	Trap primer	___ System(s)			

## MECHANICAL

Code	Items	Units	Code	Items	Units
02	Refrig compressor < 100 kbtu	___ Comp(s)	31	Air inlets/outlets (area)	___ Sq. Ft.
03	Refrig compressor 101—500 kbtu	___ Comp(s)	32	Appliance vent (other)	___ Unit(s)
04	Refrig compressor > 500 kbtu	___ Comp(s)	35	Air handling unit < 2000 cfm	___ Ahu(s)
08	Furnace/heater <100 kbtu	___ Unit(s)	36	Air handling unit 2000—10000 cfm	___ Ahu(s)
09	Furnace/heater 101-500 kbtu	___ Unit(s)	37	Air handling unit > 10000 cfm	___ Ahu(s)
10	Furnace/heater > 500 kbtu	___ Unit(s)	40	Evaporative coolers	___ Unit(s)
17	Boiler < 100 kbtu	___ Boiler(s)	41	Ventilation fan (single register)	___ Fan(s)
18	Boiler 101-500 kbtu	___ Boiler(s)	42	Ventilation system (other)	___ System(s)
19	Boiler > 500 kbtu	___ Boiler(s)	43	Commercial kitchen exhaust hoods	___ Hood(s)
20	Fireplace/gas log < 100 kbtu	___ Appl(s)	44	Spray booth	___ Booth(s)
21	Fireplace/gas log 101-500 kbtu	___ Appl(s)	45	Product conveying duct system	___ System(s)
22	Fireplace/gas log > 500 kbtu	___ Appl(s)	46	Fire dampers	___ Damper(s)
30	Air inlets/outlets (each)	___ Unit(s)	47	Alteration of existing duct system	___ System(s)

## ELECTRICAL

Code	Items	Quantity	Code	Item	Quantity	Code	Item	Quantity
B1	Residential new bldgs. Multifamily	___ Sq. Ft.	<u>Electric Signs</u>			<u>Motors</u>		
B2	Residential new bldgs. 1 or 2 family	___ Sq. Ft.	K1	Signs, outline lgt, one ckt	___ Sign(s)	JX	Motors, <3hp	___ Mtr(s)
C1	Swimming pools, new	___ Pool(s)	K2	Additnl, ckt within the same sign	___ Sign(s)	JY	Motors, 5hp	___ Mtr(s)
C2	Spas, hot tubs,	___ Pool(s)	<u>Power Equipment Over 3hp and Less Than 10hp</u>			JZ	Motors, 10hp	___ Mtr(s)
C3	Pool alterations, other type pools	___ Pool(s)	JA	Heat pumps	___ Appl(s)	J0	Motors, 15hp	___ Mtr(s)
D1	Carnival electrical rides or genrtrs	___ Unit(s)	JB	AC units	___ Appl(s)	J1	Motors, 20hp	___ Mtr(s)
D2	Carnival mech rides, displays w/lgt	___ Unit(s)	JD	Battery chargers	___ Appl(s)	J2	Motors, 25hp	___ Mtr(s)
D3	Carnival booth lighting	___ Unit(s)	JE	Electric water heaters	___ Appl(s)	J3	Motors, 50hp	___ Mtr(s)
E1	Temporary service, power pole	___ Pole(s)	JF	Refrigeration cabinets	___ Appl(s)	J4	Motors, 100hp	___ Mtr(s)
E2	Temporary dist system for const	___ Unit(s)	JG	Electric cooking equipment	___ Appl(s)	<u>Other Power Equipment</u>		
E3	Temp pole for xmas tree lots	___ Pole(s)	JH	Electric heaters	___ Appl(s)	J7	Pwr eq w/rating > 10hp to <50hp	___ Pwr
F1	Branch circuits, 120v, 15 or 20a	___ Ckt(s)	JI	Electric generators	___ Appl(s)	J8	Pwr eq w/rating > 50hp to <100hp	___ Pwr
F2	Branch circuits, lighting, 208-277v	___ Ckt(s)	J6	Other equipment > 3hp—<10hp	___ Appl(s)	J9	Pwr eq w/rating > 100hp	___ Pwr
G1	Outlets-lighting, recept, switch	___ Outlet(s)	<u>Special Electrical Items</u>			<u>Services, Panels, Control Panels, Mcc's</u>		
G2	Lighting fixtures	___ Lgt Ftx(s)	P2	PC residential photo voltaic<10kw	___	LA	100a panels, services, mcc's	___ Pnl(s)
G3	Pole mounting light fixtures	___ Pole Fxt(s)	P3	Inverter res photo volt <10kw	___	LB	200a panels, services, mcc's	___ Pnl(s)
G4	Theatrical-type lgt fixtures	___ Lgt Ftx(s)	P4	PC residential photo volt >10kw<50kw	___	LC	225a panels, services, mcc's	___ Pnl(s)
<u>Residential Appliances Less Than 3hp</u>			P5	Inverter res photo volt >10kw<50kw	___	LD	400a panels, services, mcc's	___ Pnl(s)
HA	Forced air units (FAU)	___ Appl(s)	V2	<=10kw electric vehicle supply equip	___ #Units	LE	600a panels, services, mcc's	___ Pnl(s)
H1	Electrical ovens	___ Appl(s)	V3	>10kw electric vehicle supply equip	___ #Units	LF	800a panels, services, mcc's	___ Pnl(s)
H2	Garbage disposals	___ Appl(s)	V4	Fast electric vehicle supply equip	___ #Units	LG	1000a panels, services, mcc's	___ Pnl(s)
H3	Dishwashers	___ Appl(s)	<u>Transformers</u>			LH	1200a panels, services, mcc's	___ Pnl(s)
H4	Range hoods	___ Appl(s)	JM	Transformers, <3kva	___ Xfmr(s)	LI	1600a panels, services, mcc's	___ Pnl(s)
H5	Washing machines	___ Appl(s)	JN	Transformers, 15kva	___ Xfmr(s)	LJ	2000a panels, services, mcc's	___ Pnl(s)
H7	Exhaust fans	___ Appl(s)	JO	Transformers, 25kva	___ Xfmr(s)	LL	3000a panels, services, mcc's	___ Pnl(s)
H9	Other residential less than 3hp	___ Appl(s)	JQ	Transformers, 37.5kva	___ Xfmr(s)	LM	High voltage panels (over 600v)	___ Pnl(s)
<u>Non Residential Appliances Less Than 3hp</u>			JR	Transformers, 45kva	___ Xfmr(s)	LN	Other panels, 0 to 399 amps	___ Pnl(s)
1A	Exhaust fans	___ Appl(s)	JS	Transformers, 50kva	___ Xfmr(s)	LO	Other panels, 400 to 1000 amps	___ Pnl(s)
1B	Electric water heaters	___ Appl(s)	JT	Transformers, 75kva	___ Xfmr(s)	LP	Other panels, >1000 amps	___ Pnl(s)
1C	Lighted showcases	___ Appl(s)	JU	Transformers, 112.5kva	___ Xfmr(s)	W1	Cable trays, busways (length)	___ Feet
1D	Electric drinking fountains	___ Appl(s)	JV	Transformers, 150kva	___ Xfmr(s)	M1	Misc conduits & conductors	___ Unit(s)
1E	Vending machines	___ Appl(s)	JW	Transformers, 225kva	___ Xfmr(s)	P1	Haz locations >2000 sf total	___ Haz
1F	Laundry machines	___ Appl(s)				R1	Report review fee, # of equip	___ Eq
J5	Other non-res less than 3hp	___ Appl(s)				R2	High voltage report fee, #equip	___ HV Eq

**COLUMN 1****OWNER-BUILDER DECLARATION**

I hereby affirm under penalty of perjury that I am exempt from the Contractors' State License Law for the reason(s) indicated below by the checkmark(s) I have placed next to the applicable item(s) (Section 7031.5, Business and Professions Code): Any city or county that requires a permit to construct, alter, improve, demolish, or repair any structure, prior to its issuance, also requires the applicant for the permit to file a signed statement that he or she is licensed pursuant to the provisions of the Contractors' State License Law (Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code) or that he or she is exempt from licensure and the basis for the alleged exemption. Any violation of Section 7031.5 by any applicant for a permit subjects the applicant to a civil penalty of not more than five hundred dollars (\$500.)

( ) I, as owner of the property, or my employees with wages as their sole compensation, will do ( ) all of or ( ) portions of the work, and the structure is not intended or offered for sale (Section 7044, Business and Professions Code: The Contractors' State License Law does not apply to an owner of property who, through employees' or personal effort, builds or improves the property, provided that the improvements are not intended or offered for sale. If, however, the building or improvement is sold within one year of completion, the Owner-Builder will have the burden of proving that it was not built or improved for the purpose of sale.)

( ) I, as owner of the property, am exclusively contracting with licensed Contractors to construct the project (Section 7044, Business and Professions Code. The Contractor's State License Law does not apply to an owner of property who builds or improves thereon, and who contractors for the projects with a license Contractor pursuant to the Contractors' State License Law.).

( ) I am exempt from licensure under the Contractors' State License Law for the following reason:

By my signature below I acknowledge that, except for my personal residence in which I must have resided for at least one year prior to completion of the improvements covered by this permit, I cannot legally sell a structure that I have built as an owner-builder if it has not been constructed in its entirety by licensed contractors. I understand that a copy of the applicable law, Section 7044 of the Business and Professions Code, is available upon request when this application is submitted or at the following Web site: <http://www.leginfo.ca.gov/calaw.html>.

Date: \_\_\_\_\_

\_\_\_\_\_  
Signature of Property Owner or Authorized Agent

**COLUMN 2****LICENSED CONTRACTOR'S DECLARATION**

I hereby affirm under penalty of perjury that I am licensed under provisions of Chapter 9 (commencing with Section 7000) of Division 3 of the Business and Professions Code, and my license is in full force and effect.

License Class \_\_\_\_\_ License No. \_\_\_\_\_

Date \_\_\_\_\_ Contractor Signature \_\_\_\_\_

**WORKERS' COMPENSATION DECLARATION**

**WARNING: FAILURE TO SECURE WORKER'S COMPENSATION COVERAGE IS UNLAWFUL AND SHALL SUBJECT AN EMPLOYER TO CRIMINAL PENALTIES AND CIVIL FINES UP TO ONE HUNDRED THOUSAND DOLLARS (\$100,000), IN ADDITION TO THE COST OF COMPENSATION, DAMAGES ARE PROVIDED FOR IN SECTION 3706 OF THE LABOR CODE, INTEREST, AND ATTORNEY'S FEES.**

I hereby affirm under penalty of perjury one of the following declarations:

\_\_\_\_ I have and will maintain a certificate of consent to self-insure for workers' compensation, issued by the Director of Industrial Relations as provided for by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued.

Policy No. \_\_\_\_\_

\_\_\_\_ I have and will maintain workers' compensation insurance, as required by Section 3700 of the Labor Code, for the performance of the work for which this permit is issued. My workers' compensation insurance carrier and policy number are:

Carrier \_\_\_\_\_ Policy Number \_\_\_\_\_ Expiration Date \_\_\_\_\_

Name of Agent \_\_\_\_\_ Phone Number \_\_\_\_\_

\_\_\_\_ I certify that, in the performance of the work for which this permit is issued, I shall not employ any person in any manner so as to become subject to the workers' compensation laws of California, and agree that, if I should become subject to the workers' compensation provisions of Section 3700 of the Labor Code, I shall forthwith comply with those provisions

\_\_\_\_\_  
Signature of Applicant

\_\_\_\_\_  
Date

JOB ADDRESS

LOCALITY

**COLUMN 3****HAZARDOUS MATERIAL DECLARATION**

Will the applicant or future building occupant handle a hazardous material or a mixture containing a hazardous material equal to or greater than the amount specified on the hazardous material information guide?

Yes ☐ No ☐

Will the intended use of the building by the applicant or future building occupant require a permit for construction or modification from the South Coast Air Quality Management District (SCAQMD)? See permitting checklist for guidelines.

Yes ☐ No ☐

I have read the hazardous materials information guide and the SCAQMD permitting checklist. I understand my requirements under the Los Angeles County Code Title 2, Chapter 220 Sections 220.100 through 220.140 concerning hazardous material reporting and for obtaining a permit from the SCAQMD.

**ASBESTOS NOTIFICATION**

☐ Notification letter sent to SCAQMD or EPA

☐ I declare that notification of asbestos removal is not applicable to addressed project.

**DECLARATION REGARDING CONSTRUCTION LENDING AGENCY**

I hereby affirm under penalty of perjury that there is a Construction lending agency for the performance of the work for which this permit is issued (Section 3097, Civil Code)

\_\_\_\_\_  
Lender's Name

\_\_\_\_\_  
Lender's Address

By my signature below, I certify to each of the following:  
I am the property owner or authorized to act on the property owner's behalf.  
I have read this application and the information I have provided is correct.  
I agree to comply with all applicable city and county ordinances and state laws relating to building construction.  
I authorize representatives of this county to enter the above-identified property for inspection purposes.

\_\_\_\_\_  
Signature of Property Owner or Authorized Agent

\_\_\_\_\_  
Date