ELECTRICAL POWER DISTRIBUTION

CERTIFICATE OF INSTALLATION		NRCI-ELC-01-E
Electrical Power Distribution		(Page 1 of 5)
Project Name:	Enforcement Agency:	Permit Number:
Project Address:	City:	Zip Code:

GENERAL INFORMATION			
DATE OF BUILDING PERMIT:	PERMIT #		
BUILDING TYPE	☐ Nonresidential	☐ High-Rise Residential (Common Area)	☐ Hotel/Motel (Common Area)
PHASE OF CONSTRUCTION	☐ New Construction	☐ Addition	☐ Alteration

SCOPE OF RESPONSIBILITY	
Enter the date of approval by enforcement agency of the Certificate of Compliance that provides the specifications for the energy efficiency measures for the scope of responsibility for this Installation Certificate.	Date:

In the table below identify all applicable construction documents that specify the requirements for the scope of responsibility reported by this Installation Certificate (continued).

Document Title or Description	Applicable Sheets or Pages, Tables, Schedules, etc.	Date Approved By the Enforcement Agency

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A. Service Electrical Metering

Check one of the three boxes below if the electrical power distribution system is in compliance with Section 130.5(a).

☐ For newly installed electrical service in newly constructed buildings, Service Electrical Metering is required according to Section 130.5(a). *Fill out Column A thru F of table below.*

☐ For new or replacement electrical service equipment in existing buildings, Service Electrical Metering is required according to Section 141.0(b)2Pi. *Fill out Column A thru F of table below.*

☐ EXCEPTION to Electrical Service Metering: Service or feeder for which the utility company provides a metering system that indicates instantaneous kW demand and kWh for a utility-defined period. *Fill out Column A, B and G of table below with the compliance information.*

Fill out a separate line for each electrical service that is connected to the building. If additional table space is needed for electrical service information, submit additional page with the information.

Electrical Service Schedule	**Electrical Service Rating**		**Metering Capabilities (check all that are present)**		**Exception to 130.5(a)**	
01	02	03	04	05	06	07
Electrical Service Designation/Location/Description	kVA	Instantaneous (at the time) kW	Historical peak (kW)	Tracking kWh for a user-definable period	kWh per rate period	Utility metering system
		☐	☐	☐	☐	☐
		☐	☐	☐	☐	☐

B. Separation of Electrical Circuits for Electrical Energy Monitoring

Check all boxes below if the electrical power distribution system is in compliance with Section 130.5(b).

☐ The electrical power distribution system meets the separation of electrical circuits for electrical energy monitoring requirement of Section 130.5(b). The electrical power distribution systems is designed so that measurement devices can monitor the electrical energy usage of load types according to TABLE 130.5-B.

☐ Describe the electrical power distribution system installed and the compliance method chosen in meeting the requirement of Section 130.5(b). Use the space below to include the information. Examples of compliance methods are detailed in Nonresidential Compliance Manual Chapter 8.

Fill out Column 1 thru 3 with the compliance information.

General information	**Electrical Power Distribution System information and Method of compliance**	**Electrical Service Rating**
01	02	03
Electrical Service Designation/Location/Description	Describe the electrical power distribution system installed and the compliance method used.	kVA

Field Inspector Notes:

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C. Voltage Drop

Check all boxes below if the electrical power distribution system is in compliance with Section 130.5(c).

☐ The electrical power distribution system meets the voltage drop requirement of Section 130.5(c). The maximum combined voltage drop on feeder conductors and branch circuit conductors to the farthest connected load or outlet, do not exceed 5 percent.

☐ Voltage drop calculation documents showing compliance to Section 130.5(c) are submitted as part of the compliance document submittal.

D. Circuit Controls for 120-Volt Receptacles and Controlled Receptacles

Check one or more boxes below for applicable requirements of Section 130.5(d) for the electrical power distribution system.

☐ The control is capable of automatically shutting OFF the controlled receptacles when the space is typically unoccupied, either at the receptacle or circuit level. For the automatic time switch control, it incorporates an override control that allows the controlled receptacle to remain ON for no more than 2 hours when an override is initiated and an automatic holiday "shut-OFF" feature that turns OFF all loads for at least 24 hours and then resumes the normally scheduled operation. Countdown timer switches are not be used to comply with the automatic time switch control requirements. The controls meet the requirement of Section 130.5(d)1.

☐ There is at least one controlled receptacle within 6 feet from each uncontrolled receptacle. Where receptacles are installed in modular furniture in open office area, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d)2.

☐ There are installed split wired receptacles with at least one controlled and one uncontrolled receptacle. Where receptacles are installed in modular furniture in open office area, at least one controlled receptacle is installed at each workstation. The receptacles meet the requirement of Section 130.5(d)2.

☐ Permanent and durable marking for controlled receptacles or circuits to differentiate them from uncontrolled receptacles or circuits is provided. The marking meet the requirement of Section 130.5(d)3.

☐ For hotel and motel guest rooms, there are controlled receptacles for at least one-half of the 120-volt receptacle in each guest room. Electric circuits serving controlled receptacles in guestrooms are installed to have captive key controls, occupancy sensing controls, or automatic controls so the power is switched off no longer than 30 minutes after the guest room has been vacated. The receptacles meet the requirement of Section 130.5(d)4.

☐ Receptacles that are only for the following purposes are excepted from Section 130.5(d):
-Receptacles specifically for refrigerators and water dispensers in kitchen areas.
-Receptacles located a minimum of six feet above the floor that are specifically for clocks.
-Receptacles for network copiers, fax machines, A/V and data equipment other than personal computers in copy rooms.
-Receptacles on circuits rated more than 20 amperes.
-Receptacles connected to an uninterruptible power supply (UPS) that are intended to be in continuous use, 24 hours per day/365 days per year, and are marked to differentiate them from other uncontrolled receptacles or circuits.

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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

1. I certify that this Certificate of Installation documentation is accurate and complete.

Documentation Author Name:	Documentation Author Signature:
Documentation Author Company Name:	Date Signed:
Address:	CEA/ HERS Certification Identification (If applicable):
City/State/Zip:	Phone:

RESPONSIBLE PERSON'S DECLARATION STATEMENT

I certify the following under penalty of perjury, under the laws of the State of California:

1. The information provided on this Certificate of Installation is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code in the applicable classification to accept responsibility for the system design, construction, or installation of features, materials, components, or manufactured devices for the scope of work identified on this Certificate of Installation and attest to the declarations in this statement (responsible builder/installer), otherwise I am an authorized representative of the responsible builder/installer.
3. The constructed or installed features, materials, components or manufactured devices (the installation) identified on this Certificate of Installation conforms to all applicable codes and regulations, and the installation conforms to the requirements given on the plans and specifications approved by the enforcement agency.
4. I reviewed a copy of the Certificate of Compliance approved by the enforcement agency that identifies the specific requirements for the scope of construction or installation identified on this Certificate of Installation, and I have ensured that the requirements that apply to the construction or installation have been met.
5. I will ensure that a completed signed copy of this Certificate of Installation shall be posted, or made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Installation is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Builder/Installer Name:	Responsible Builder/Installer Signature:	
Company Name: (Installing Subcontractor or General Contractor or Builder/Owner)	Position With Company (Title):	
Address:	CSLB License:	
City/State/Zip:	Phone	Date Signed:

NRCI-ELC-01-E User Instructions

This Certificate of Installation must be submitted whenever an electrical power distribution system has been installed to comply with any of the electrical power distribution system requirements in the Standards.

If this Certificate of Installation is not submitted, or if all of the appropriate boxes have not been checked, the electrical power distribution system will not be recognized for compliance with the electrical power distribution system requirements in the Standards.

Check all appropriate boxes in this certificate as a declaration that the electrical power distribution system has been installed to meet all of the required specifications and functionalities.

- Section A – Service Electrical Metering requirements: Provide applicable information in the space. Check all boxes that apply to indicate if the metering system has been installed to comply with Section 130.5(a).
- Section B – Separation of Electrical circuits for electrical energy monitoring requirements: Provide applicable information in the space. Check all boxes that apply to indicate if the electrical system has been installed to comply with Section 130.5(b).
- Section C – Voltage Drop requirements: Check all boxes that apply to indicate if the electrical system has been installed to comply with Section 130.5(c).
- Section D – Circuit controls for 120-volt and controlled receptacle requirements: Check all boxes that apply to indicate what sections of the Standards the circuit controls and controlled receptacles have been installed to comply with Section 130.5(d).