



**ELECTRICAL CODE MANUAL
COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS
BUILDING AND SAFETY DIVISION**

**ECM 82.8
09-06-17
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ELECTRICAL PLAN CHECK - REQUIREMENTS

Section 82.8 of Title 27 of the County of Los Angeles Electrical Code covers permit and plan check fees. The fees shall be paid at the time of plan submittal and no work shall be done until the plans are approved and the permit is issued. Electrical plans shall be submitted for review for the following proposed types of construction:

1. Installation of any equipment rated at 400 amperes or larger.
Exception: An electrical plan check is not required for a single-family dwelling with a maximum of 400 amperes, 120/240 volt, single-phase, 3-wire electrical service.
2. Any installation rated above 600 volts.
3. Performance or motion picture theaters.
4. A health care facility with surgical operating rooms such as nursing homes, clinics, medical and dental offices, and falling within the scope of Article 517 of the Los Angeles County Electrical Code.
5. Installations in locations classified as hazardous locations by the provisions of Chapter 5 of the County of Los Angeles Electrical Code. Some examples of such areas would be: handling or processing of explosive or ignitable mixtures of flammable gas, liquid, or vapors (paint spray booths, paint processing, fuel dispensers, etc.); the handling or processing of explosive or ignitable mixtures of dust (grain, hay and potato processing, machine shops not including magnesium or aluminum processing, etc.); and the handling and processing of easily ignitable fibers or materials (textile mills, clothing manufacture, wood shops, etc.).
Exception: Spray booth assemblies listed by Nationally Recognized Testing Laboratories are exempt from electrical code plan check.
6. First tenant improvement of each space of the shell building when submitted within 12 months of the shell building's approval.
7. New construction, tenant improvement installations, and alterations with a conditioned, unconditioned floor area greater than 1,000 square feet will require review to verify compliance with the California Building Energy Efficiency Standards. This energy plan check is in addition to the plan check required in subsection (6) above.
8. New construction, tenant improvements, and alterations with the outdoor illuminated area greater than 30,000 square feet, or addition/modification of outdoor luminaires of 3,200 watts or greater.
9. Any solar photovoltaic installation.
10. Battery storage and energy storage systems of any size or rating.
11. Alterations to indoor lighting systems that either remove and reinstall a total of 10 percent or more of the existing luminaires, or alterations that replace/add entire luminaires; or alterations that add, remove, or replace walls or ceilings along with any redesign of the lighting system.

Even when electrical plan check is not required, the installation shall still meet the requirements of the current County of Los Angeles Electrical Code and California Building Energy Efficiency Standards.

Applications for electrical permits for which no permit is issued within 1-year of the date of application shall expire by limitation. The Chief Electrical Inspector may extend the time for action by the applicant for a period not exceeding 180 days beyond the initial 1-year limit upon written request by the applicant showing that circumstances beyond the control of the applicant have prevented action from being taken. An extension fee of 25 percent of the plan check fee is required. No permit application shall be extended more than once, after which, a new application shall be filed and new plan check fees shall be paid.

When so determined by the Chief Electrical Inspector, electrical plans may be requested to be submitted for review for any electrical installation.

WRITTEN BY:



ARMEN DERMENJIAN
Electrical Engineer

REVIEWED BY:



MOSTAFA S. KASHE
Chief Electrical Inspector

RECOMMENDED BY:



KIT BAGNELL
Assistant Superintendent of Building

APPROVED BY:



HASSAN ALAMEDDINE
Superintendent of Building