

CLASS SPECIFICATION
SAN DIEGO CITY CIVIL SERVICE COMMISSION
JUNIOR ENGINEER – ELECTRICAL - 1552

DEFINITION:

Under immediate supervision, and in a training capacity, to perform increasingly responsible professional level electrical or electronic engineering work; to check less complex plans for electrical or electronic design; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Inspects electrical contract work to ensure compliance with plans and specifications;
- Performs electrical or electronic design work on lighting, communications, fire alarm, and signal systems;
- Prepares sketches, layouts, material lists, and cost estimates;
- Checks construction plans for conformance to contract requirements;
- Checks less complex building plans for conformance to applicable electrical regulations, including fire alarm system requirements, and calculates electrical adequacy;
- Prepares reports.

MINIMUM QUALIFICATIONS:

Please note: the minimum qualifications stated below are a guide for determining the education, training, experience, special skills, and/or license which may be required for employment in the class. These are re-evaluated each time the position is opened for recruitment. Please refer to the most recent Job Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

Bachelor's Degree in Electrical Engineering, Electronics, or a closely related engineering field; **OR** Engineer-in-Training (EIT) Certificate issued from a State licensing board; **OR** registration as a Professional Electrical or Control System Engineer with a State licensing board. Possession of a valid California Class C Driver's License.

* **EXAMPLES OF DUTIES** performed by employees in this class. The list may not include all required duties, nor are all listed tasks necessarily performed by everyone in this class.