

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**TRAFFIC SIGNAL TECHNICIAN II - 1957**

**DEFINITION:**

Under general supervision, to perform journey-level installation, modification, maintenance, and repair of all solid state traffic signal equipment; and to perform related work.

**CLASS CHARACTERISTICS:**

This is the fully experienced class in the Traffic Signal Technician series. Incumbents in this class are expected to independently troubleshoot and repair the full range of solid state traffic signal equipment to include digital controllers and related electronic equipment, and traffic signal interconnect systems.

**\* EXAMPLES OF DUTIES:**

- Installs, modifies, maintains, and repairs wiring in conduits, heads, controllers, vehicle detectors, solid state component, and electro-mechanical signal equipment and special illumination in connection with traffic signals;
- Assists in the design, construction, and modification of special control and test equipment for traffic signal repair;
- Makes detailed checks of traffic signals to locate cause of failure;
- Overhauls and adjusts electronic controllers and pedestrian crossing times, detectors, master control units, time clocks, and other traffic signal components;
- Operates electronic measuring instruments in testing and calibrating signal controllers and related equipment;
- Leads and or supervises others in repair work and trains semi-skilled workers and apprentices;
- Operates a small pickup truck or van;
- Completes daily work reports;
- Requisitions needed materials; keeps simple records;
- May testify in court and give depositions as required.

**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>.

Five years of full-time experience in all phases of journey-level Electrician work which must include installing, repairing, and troubleshooting in an industrial environment (e.g., a

- \* 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.**

factory, manufacturing company, or shipyard); **OR** college graduation with an Associate's Degree in Electronic Technology, **AND** three years of full-time journey-level Electrician experience as described above; **OR** successful completion of a State accredited four or five-year Electrician Apprenticeship Program (340 classroom hours) including or supplemented by a minimum of four college-level courses in Electronics, **AND** two years of full-time journey-level electrician experience as described above. Possession of valid California Class C Driver's License.