

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**TRAFFIC SIGNAL TECHNICIAN I - 1956**

**DEFINITION:**

In a training capacity, to install, modify, maintain, and repair traffic signal systems; and to perform related work.

**DISTINGUISHING CHARACTERISTICS:**

Traffic Signal Technician I serves as an entry-level training classification for the Traffic Signal Technician series. Typical tasks listed below are generally performed under immediate supervision where specific direction is provided and work is reviewed upon completion.

**\* EXAMPLES OF DUTIES:**

- In a training capacity, 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;
- Conducts detailed checks of traffic signals to locate cause of failure;
- Adjusts detectors;
- Adjusts and times controllers and replaces damaged parts;
- Inspects and tests signal systems for proper functioning;
- Removes debris from damaged signals and restores to normal operation;
- Trains semi-skilled workers and apprentices;
- Requisitions needed materials;
- Drives a small pickup truck or van to work locations;
- Makes daily work reports;
- 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>.

Four 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** two 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** one year of full-time journey-level electrician experience as described above. Possession of valid California Class C Driver License is required.