

CLASS SPECIFICATION

SAN DIEGO CITY CIVIL SERVICE COMMISSION

GENERATOR TECHNICIAN - 1140

DEFINITION:

Under general supervision, to perform skilled electrical and mechanical work in the inspection, testing, repair, and replacement of generators and related equipment; and to perform related work.

*** EXAMPLES OF DUTIES:**

- Troubleshoots, diagnoses and repairs electro-mechanical, electrical, and mechanical problems with generators, motors, transfer switches, and similar equipment;
- Inspects, tests, repairs, and replaces generators, motors, engines, switches, control panels, batteries, contactors, armatures, commutators, and other related parts and equipment;
- Performs preventive and corrective maintenance on Automatic Transfer Switches (ATS) and annunciator panels;
- Installs, repairs, and maintains generator systems;
- Conducts automatic and manual transfer tests of simulated power outages to ensure generators are functioning properly;
- Reads blue prints and plans of electrical and mechanical installations;
- Complies with schedules for inspecting, servicing, and maintaining emergency generators;
- Maintains equipment service and repair logs.

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 Announcement for updated minimum qualifications.

Three years of full-time journey-level experience in the general maintenance, operation, servicing, and repair of generators, diesel and gas engines, and electrical systems related to mechanical equipment. Successful completion of an Associate degree or an equivalent level community college certification program in electrical, mechanical, or electro-mechanical systems may be substituted for one year of the required experience. 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.