

**CLASS SPECIFICATION**  
**SAN DIEGO CITY CIVIL SERVICE COMMISSION**  
**POWER PLANT OPERATOR - 1717**

**DEFINITION:**

Under general supervision, to operate, monitor, maintain, and repair electrical and mechanical power plant machinery and related equipment; and to perform related work.

**\* EXAMPLES OF DUTIES:**

- Operates, monitors, maintains, overhauls, and repairs electrical power cogenerating plant machinery, including methane/natural gas/diesel-fueled engines, hydro turbine generators, prime movers, high-voltage generators, catalytic converters, switchgears, voltage panels, transformers, circuit breakers, and auxiliary equipment;
- Diagnoses and repairs engine, generator, and switchgear malfunctions, as well as defective PLC logic systems and electrical controls, hydraulic, pneumatic, and electrical systems and instrumentation;
- Complies with schedules for inspecting, servicing, lubricating, and maintaining power plant equipment;
- Performs preventative maintenance;
- 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 Description for updated minimum qualifications: <https://www.governmentjobs.com/careers/sandiego/classspecs>.

Three years of full-time journey-level experience troubleshooting, repairing, and maintaining large engines (600 horsepower or higher), high voltage electrical systems (440 volts or higher), or steam or hot water boilers (250 horsepower or higher).

- \* 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.**