

CITY OF BURBANK

POWER PLANT MECHANIC

DEFINITION

Under supervision, to do skilled repair, maintenance, and general overhauling of electric generating plant machinery and equipment; and to do related work as required.

ESSENTIAL FUNCTIONS

Overhauls, replaces, repairs plant equipment, including piping and valves, cooling towers, compressors, pumps and fans, heat exchange equipment, boilers, furnace refractories, steam turbines, gas turbines, and generating equipment; makes and checks couplings and equipment alignments; uses machine tools and welding equipment; maintains records and reports as required; drives on City business.

MINIMUM QUALIFICATIONS

Employment Standards:

- Knowledge of - welding; occupational hazards and safety precautions of the trade.
- Skill in - the repair and maintenance of piping and valves, cooling towers, compressors, pumps and fans, heat exchange equipment, boilers, furnace refractories, steam turbines, gas turbines, and generating equipment; the use of lathes, shapers, drill presses, hydraulic presses, and grinders; the use of machinist's tools.
- Ability to - read and understand blueprints and maintenance charts and diagrams; understand and follow technical oral and written directions; work from platforms and scaffolds at various heights; establish and maintain effective working relationships with supervisors, subordinates, and fellow employees.

Education/Training: Graduation from high school or equivalent and two years experience in the maintenance and repair of stationary or marine power plant or similar heavy industrial equipment, of which one year must have been at the journeyman level - OR - completion of a two-year training program as a Power Plant Utility Worker with the City of Burbank. NOTE: Additional qualifying experience may be substituted for the required education on a year-for-year basis.

Special Conditions & Requirements: Employees in this classification, who are required by applicable laws and regulations to have respiratory protection, shall comply with the American National Standards Institute's requirements on Practices for Respiratory Protection.

License & Certificates: A valid California Class "C" driver's license or equivalent at time of appointment, and a crane certification may be required based on job assignment.

SUPPLEMENTAL INFORMATION

None.