

CITY OF BURBANK

SENIOR CONTROL OPERATOR

DEFINITION

Under direction, on an assigned shift, to assist in the general operation of a turbo electric generating plant and to be responsible for the operation of an assigned section of the plant including turbines and generators; and to do related work as required.

ESSENTIAL FUNCTIONS

Leads and trains Power Plant Operators and Utility Workers in the performance of duties required in plant operation; operates plant equipment including steam and gas turbines; synchronizes generators and adjusts load and voltage; lubricates machinery and maintains lubrication records; operates water treatment equipment; adds chemical treatment to boilers, feed water and cooling water; makes tests on plant waters; makes frequent inspections of plant equipment, takes corrective action as required, and reports abnormal conditions to steam plant engineer; closely observes plant instrumentation and maintains operational standards; makes adjustments to plant equipment including packing on valves, gauge glasses, and pumps; maintains plant logs and records; assists in the performance of general plant maintenance during intervals of major equipment outage; drives on City business.

MINIMUM QUALIFICATIONS

Employment Standards:

- Knowledge of - construction details and operating characteristics and thermodynamic principles of steam turbo electric plants and gas turbine plants; principles of combustion and water treatment chemistry; the boiler safety orders of the State of California; the occupational hazards and safety precautions and compliance with safe operating practices.
- Ability to - accurately evaluate emergency conditions and to take immediate corrective action; make accurate visual and audio observations; maintain effective working relationships with supervisors, fellow employees, and the public. work on a rotating shift; take responsible share of housekeeping chores.

Education/Training: Graduation from high school or equivalent and three years' experience of shift operation in a steam electric plant, of which at least two years must have been as an assigned Power Plant Operator. NOTE: Additional qualifying experience may be substituted, on a year-for-year basis, for each year of high school lacking. Such experience must be in a steam turbo electric plant of 10 megawatt capacity or larger.

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.

SUPPLEMENTAL INFORMATION

None.