



Peabody Municipal Light Plant

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JOB POSTING

SUBJECT TO A DEPARTMENTAL PROMOTION, TRANSFER, CIVIL SERVICE LABOR LIST

TITLE: POWER PLANT EQUIPMENT MAINTENANCEMAN
DIVISION: ENGINEERING
SALARY: GRADE 12 (\$33.44-\$41.90)
LOCATION: VARIES
SHIFT: 7:00 a.m. – 4:00 p.m.
CIVIL SERVICE CLASSIFICATION: LABOR SERVICE

DUTIES: Under the direction of Supervising Electrical Engineer, Associate Electrical Engineer, Principal Electrical Engineer, or Working Foreman Electric Station Equipment Repairman, perform the installation, operation, and maintenance of electric substation equipment and generating station equipment.

Operate electrical switchboard, starting high power engines and synchronizing generators to electrical systems; take readings and maintain records; shut down generators. Prepare engines for operation by starting pumps and other equipment, maintain operating temperatures on lube oil, making necessary adjustments; take engine readings and record on log sheets; take filter readings; fill lubricators as required; check engine for abnormal noise and heat; shut down engines and secure all pumps; read temperature and pressure indicators; diagnose irregularities; notify Supervisor of any irregularities.

Perform varied maintenance, testing and repair work on gas turbine engines and all generation equipment including auxiliaries; overhaul pumps and fuel systems, battery systems, switch gear and air compressors; disassemble and rebuild engines and components; perform various types of machine shop work, weld and grind parts; cut and thread pipes; connect and replace electrical circuits; chemically treat and test water systems; fit bearings. Inspect, clean and lubricate equipment; change filters and gaskets.

Install, maintain, repair, take readings, test and adjust electrical equipment and machinery at substations, install and wire motors, switchgear, controls, relays, SCADA equipment, transformers, circuit breakers, and indicating meters; test and maintain storage batteries and charging equipment; locate and clear short circuits; make electrical tests as to load, power factor, voltage, etc. Perform periodic inspection and maintenance as well as emergency repairs and related duties such as maintaining logs and painting equipment.

Test, inspect and refurbish various distribution equipment including transformers, capacitors, voltage regulators, etc. Operate high voltage circuit breakers, switches, and perform roving switching operations. Troubleshoot distribution system components.

Clean up oil spills as directed.

Perform infrared thermo graphic inspections on all system electrical equipment.

Operate machine tools, hand tools, and power tools necessary in repair work, and perform related manual duties.

May supervise a small crew of workers at a lower skill level such as laborers, helpers, and apprentices.

Requires ability to read prints and schematics as well as operate machine shop equipment.

Assist Electrician as required.

Occasionally fill in for Working Foreman Electric Station Equipment Repairman as required.

Must be available for emergency calls during non-working hours.

Perform housekeeping duties such as emptying trash cans, mopping floors, cleaning, shoveling snow, cutting grass and general landscaping. Perform building and grounds maintenance work as assigned.

Perform other similar duties as required.

QUALIFICATIONS: High School diploma. Minimum two years' experience in a similar position or two years of technical training in Electrical Substation or Power Plant Equipment operation and maintenance or a combination of two years of experience and technical training or Journeyman electrician License or Apprentice Electrician with one year experience working with electrical substation or power plant equipment operations and maintenance. Ability to read and interpret prints and schematics. Valid Massachusetts driver's license.

Please submit your cover letter and resume to John Maihos @jmaihos@pmlp.com.

AA/EEO