

**DESCRIPTION:** Under limited supervision, supervises the work of power plant staff in the operation, tending, and maintenance of boilers and related equipment in a power plant at a state facility. Incumbents participate in, as well as supervise power plant operations; performs related work as assigned.

**DISTINGUISHING CHARACTERISTICS:** (A position is assigned to this class based on the scope and level of work performed as outlined below.)

This is the third level in the series of three (Stationary Engineer, Stationary Engineer Senior, and Stationary Engineer Supervisor). At this level, incumbents work individually while performing skilled boiler maintenance tasks have full responsibility for power plant operations including supervising power plant staff.

**EXAMPLES OF WORK:** (A position may not be assigned all the duties listed, nor do the listed examples include all the duties that may be assigned.)

Plans, supervises, and participates in the maintenance and repair work involved in the operation and tending of boilers and related equipment in the power plant to include the operation and maintenance of boilers in manual or automatic mode, switching fuel sources (gas, oil, coal), the operation and maintenance of related equipment such as deaerating tanks, condensate tanks, condensate transfer pumps, feed-water pumps, water softeners, compressors, and generators, and the operation and maintenance of equipment necessary to the proper operation of related utility systems.

Supervises and participates in the disassembling of boilers for cleaning and inspection; schedules regular state inspections.

Supervises and evaluates the work of the power plant staff; recommends personnel actions related to selection, discipline, performance, leave, grievances, work schedules, and assignments.

Plans and implements a preventative maintenance program for the power plant.

Instructs staff in the proper use/operation of tools and equipment pertinent to the operation and tending of boilers and related equipment.

Inspects work in progress and upon completion to ensure all requirements have been met.

Inspects temperature, pressure, and chemical record logs to detect potential problem areas and determine the efficient operation of the power plant.

Estimates and reports on time, cost, and materials required for operation of the power plant and completion of special projects; keeps time and production records.

Documents and submits a variety of reports such as power plant logs, activities reports, time production reports, preventative maintenance reports, expense vouchers, and personnel reports.

Reviews bids and contracts to outside vendors for materials, goods, and services; may oversee and approve the work of outside contractors.

**KNOWLEDGE, SKILLS, AND ABILITIES REQUIRED:** (These are needed to perform the work assigned.)

Knowledge of: the methods, practices, tools, and equipment used in power plant operations; the repair of boilers and related power plant equipment; the occupational hazards and safety precautions of power plant operations; preventative maintenance procedures used in power plant operations; power plant policies and procedures; safe use of fertilizers, insecticides, and herbicides, as necessary the standard practices, tools, equipment, and materials associated with grounds maintenance and building and mechanical trades; personnel and supervisory management principles and techniques; local, state, and federal power plant operating codes; EPA rules and regulations, and OSHA requirements; power plant policies and procedures; interpret temperature, pressure, and chemical record logs; operate tools and equipment with sufficient manual dexterity as required to perform boiler operation work; work in adverse conditions, including high temperature and confined spaces.

Skill in: power plant management; the use of a variety of hand and power tools and equipment.

Ability to: determine the appropriate maintenance and repair procedures for the power plant; accurately estimate time, cost, and materials required to operate the power plant; determine the appropriate policies and procedures for the safe and efficient operation of the power plant; supervise the work of power plant staff; complete accurate records; delegate understandable instructions.

**MINIMUM QUALIFICATIONS:** (Applicants will be screened for possession of these qualifications. Applicants who need accommodation in the selection process should request this in advance.)

Two years of experience maintaining and repairing boilers in a large scale environment, one year of which must include supervising others and managing a boiler facility.

**SPECIAL NOTES:**

State agencies are responsible to evaluate each of their positions to determine their individual overtime eligibility status as required by the Fair Labor Standards Act (FLSA).

A current water system operator's license may be required.

Incumbents will be exposed to plant hazards such as fumes, heat, noise, and high pressure and high speed equipment.