

STATIONARY ENGINEER

DISTINGUISHING FEATURES OF THE CLASS: This is technical work of a moderately difficult nature involving responsibility for the operation, maintenance and repair of boilers, chillers, stationary engines and related mechanical and electrical equipment to provide heat, air conditioning, steam, hot water and power to buildings within a large building complex. The work is performed under the general supervision of a Maintenance Supervisor. Employees in this class will be required to work on shifts and, during emergencies, at other than normal working hours. Does related work as required.

TYPICAL WORK ACTIVITIES:

Starts, stops and adjusts equipment used in providing power, hot water, heating and air conditioning for buildings;

Observes operating controls, meters, recorders, instrumentation pressure and draft gauges and makes necessary adjustments to bring readings within operating parameters;

Maintains daily operational logs;

Makes mechanical, electrical, emergency adjustments and repairs to all types of utility plant equipment;

Cleans and performs routine preventive maintenance and repairs on boilers, chillers, water softeners, pumps, compressors, and other related equipment;

Takes water samples and runs routine tests on same to determine treatment within prescribed guidelines;

May perform other general maintenance tasks as required including but not limited to snow and ice removal, temporary window repair, fire extinguisher service, water cleanup for flood or other water-related emergencies;

May operate a motor vehicle to respond to emergency repairs and necessary maintenance tasks within a large building complex.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the operation of boilers, chillers and generating equipment; good knowledge of business arithmetic; ability to read and understand technical manuals pertaining to the operation and maintenance of boilers, air conditioning and power equipment; ability to operate and perform maintenance and repairs on boilers, chillers, generating and ventilating equipment; ability to understand and carry out oral and written instructions; ability to maintain daily repair and maintenance logs.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of an equivalency diploma and either:

1. Three (3) years of experience in the operation and maintenance of high-pressure or low-pressure boilers of 150HP minimum size and related equipment; or
2. Satisfactory completion of an appropriate two-year technical institute course in the mechanical-electrical trades plus one (1) year of the above experience.

NOTES:

1. Operation of a large central air-conditioning system (250 tons or more) may be substituted for up to one-half of the experience cited under (1) or (2) at a ratio of two months of air-conditioning to one (1) month of boiler experience.
2. Possession of a valid driver's license at the time of application, which must be maintained throughout the course of employment.

(over)

SPECIAL REQUIREMENT: At the time of appointment and periodically throughout the course of employment, the appointing authority shall verify possession of a valid driver's license, which is appropriate to the kind and size of vehicle to be driven.