

CLASS TITLE: CHIEF HEATING PLANT OPERATOR

Class Code: 02315500
Pay Grade: 20A
EO Code: C

CLASS DEFINITION:

GENERAL STATEMENT OF DUTIES: To be responsible for the operation, maintenance and repair of a large high-pressure central steam heating plant; to analyze heating plant problems and develop appropriate work methods; and to do related work as required.

SUPERVISION RECEIVED: Works under the direction of a superior with responsibility for making decisions as to the technical methods; work is reviewed periodically for conformance to policies, instructions and for results obtained.

SUPERVISION EXERCISED: Plans and supervises the work of subordinates and reviews their work in process and upon completion, both for methods used and results obtained.

ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:

To be responsible for the operation, maintenance and repair of a large high-pressure central steam heating plant for a group of buildings such as the University of Rhode Island.

To analyze heating plant problems and develop appropriate work methods.

To make periodic tests and record readings of various meters used to determine fuel consumption, pressure, draft conditions, temperature and steam flow.

To supervise the operation, maintenance and repair of high-pressure steam boilers and auxiliary boiler equipment, such as stokers, blowers, pumps, compressors and related heating plant equipment.

To plan the effective utilization of assigned personnel and available equipment, materials and supplies.

To make constant inspections of equipment, noting its condition and performance.

To formulate and implement improvements calculated to effect economical, efficient and safe operation of the plant.

To be responsible for the periodic operation and maintenance of standby diesel-powered electricity generating units.

To assist in plant operation and maintenance.

To requisition materials and supplies.

To keep records and make reports.

As required, to note the level of water in the central water supply tank.

As required, to operate and maintain the water pumps to keep the central water tank at the prescribed level.

To do related work as required.

REQUIRED QUALIFICATIONS FOR APPOINTMENT:

KNOWLEDGES, SKILLS AND CAPACITIES: A thorough knowledge of the operation and maintenance of high-pressure steam boilers and auxiliary equipment; a working knowledge of the practices, methods, procedures and techniques used in the efficient and economical operation of a large heating plant; a working knowledge of plumbing, steamfitting and boilermaking; a working knowledge of the procedures and methods used in inspecting high-pressure heating plants and auxiliary equipment; the ability to give appropriate assignments and instructions to employees and supervise the performance of

their work; the ability to maintain the essential records and files of personnel, equipment, materials and supplies; and related capacities and abilities.

EDUCATION AND EXPERIENCE

Education: Such as may have been gained through: graduation from a senior high school; and

Experience: Such as may have been gained through: employment in a supervisory capacity in a large high-pressure steam heating plant at a large state institution or private industrial plant.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

Class Revised: September 18, 1994

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