

**CLASS TITLE: POWER PLANT OPERATOR**

**Class Code: 02314200**

**Pay Grade: 18A**

**EO Code: G**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** On an assigned shift, to be responsible for the operation, maintenance and repair of a large electric power generating and heating plant in a state institution or group of institutions; and to do related work as required.

**SUPERVISION RECEIVED:** Works under general supervision of a superior; assignments are given in detail, but some latitude is allowed in determining methods and techniques to be used in effecting the desired results as to repairs and general operation of the unit; work is reviewed in process and upon completion.

**SUPERVISION EXERCISED:** Supervises the work of subordinates engaged in tasks involved in the operation, maintenance and repair of equipment used in the operation of such a plant.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

On an assigned shift, to be responsible for the operation, maintenance and repair of a large electric power generating and heating plant in a state institution or group of institutions.

To be responsible for the efficient operation, maintenance and repair of such equipment as: stationary engines, turbines, generators, switchboards, transformers, motors and controls, high pressure steam boilers, blowers, pumps, compressors, ventilators and other heating, generating and refrigerating equipment.

To supervise and participate in the making of emergency repairs.

To assist in new installations and in major repairs.

To read and record findings of instruments and gauges; to keep records of fuel and water consumed and to make reports based on this data.

To supervise the work of firemen and other power plant employees.

To inspect equipment and note its condition and performance.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A working knowledge of the operation, maintenance and repair of high pressure steam boilers, stationary engines, turbines, generators, switchboards, transformers, motors and controls, blowers, pumps, compressors, ventilators, and other refrigerating, heating and generating equipment; a working knowledge of the safety precautions and practices necessary to work effectively around high pressure steam boilers and moving equipment; the ability to supervise and direct the work of employees in such a plant; 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 responsible capacity in the firing and maintenance of steam boilers and other power plant equipment.

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

**SPECIAL REQUIREMENT:** At the time of appointment must be physically qualified to perform assigned duties as evidenced by a physician's certificate.

Class Created: September 18, 1994

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