

ILLINOIS DEPARTMENT OF CENTRAL MANAGEMENT SERVICES  
CLASS SPECIFICATION

MAINTENANCE WORKER (POWER PLANT)

POSITION CODE: 25510  
Effective: 12-1-70

DISTINGUISHING FEATURES OF WORK:

Under immediate supervision, assists engineering personnel in the inspection and maintenance of water systems, institution air conditioning and heating units; checks and records gauge readings; assists in the operation of the power plant of a state institution; maintains an adequate supply of coal in the bunkers; keeps boiler pits free from ashes.

ILLUSTRATIVE EXAMPLES OF WORK:

1. Operates motor driven coal elevators and conveyors, motor driven ash conveyors in removing ashes from boiler pits and levels off coal in bunkers.
2. Inspects control boards of air handling units and makes minor adjustments; checks out malfunctions which cannot be corrected on the Central Control Data Board and makes adjustments or calls appropriate tradesmen or a stationary engineer.
3. Assists in maintaining log sheet of gas and electricity used; records daily maximum electricity usage.
4. May assist in operation and maintenance of boilers and auxiliary equipment by lubricating pumps, blowing down boilers, regenerating water softeners, checking controls and keeping boiler room clean.
5. Observes resistance or pressure drop at filters in air handling units and changes filters when necessary; checks and cleans blower fans; oils electric motors and repacks bearings; observes operations of all machinery.
6. Makes a chemical analysis of water used in the drinking water system, heating units and air conditioning systems; adds appropriate chemical to maintain proper chlorine residual in the water systems.
7. Checks weather instruments and records winds and degree days and maintains a daily log sheet; prepares reports from log sheets for the central office.

## MAINTENANCE WORKER (POWER PLANT) (Continued)

8. Acts as general assistant to shift engineer, rendering help in the operation, installation, alteration, repair and maintenance of all plant equipment.
9. Changes charts; assists in appropriate record keeping of temperatures, pressures, etc.
10. Assists in lubrication of machinery and motors.
11. Keeps all mechanical areas clean.
12. Performs other duties as required or assigned which are reasonably within the scope of the duties enumerated above.

### DESIRABLE REQUIREMENTS:

#### Education and Experience

Requires no formal education.

Requires one year experience performing a variety of semiskilled manual tasks.

#### Knowledges, Skills and Abilities

Requires working knowledge of hoisting machinery.

Requires ability to act as lead worker and direct the work of associates.

Requires ability to maintain satisfactory working relationships with patients and other employees.

Requires ability to use tools and perform semiskilled manual work.

Requires ability to make simple reports.

Requires ability to follow oral and written instructions.

Requires ability to learn work of higher powerhouse positions.