

POWER PLANT ASSISTANT CHIEF ENGINEER

KIND OF WORK

Supervisory power plant work in a medium sized or large state institution.

NATURE AND PURPOSE

An employee in this class acts as Chief Engineer of a high pressure heating plant or steam electric generating plant on the day shift where the Chief Engineer is required to be away from the plant for extended periods of time. In the absence of the Chief Engineer, this employee carries full responsibility for the operation, maintenance and repair of the plant, its equipment and mechanical systems. Responsibility for maintenance and repair extends to all services emanating from the power plant. Responsibility for the supervision of subordinate employees includes, but is not limited to, assigning and controlling their work, training, effectively recommending hiring and disciplinary actions, and conducting performance evaluations. This employee shares the off-duty call schedule with the Chief Engineer.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Assists the Chief Engineer and assumes the following duties:

Supervises the operation of the heating plant and the generation and distribution of electric current.

Supervises maintenance and repair by directing, assigning, and inspecting the work of engineers, plumbers, electricians, steamfitters, and other skilled or unskilled workers.

Inspects all facilities emanating from the power plant.

Supervises the operation and maintenance of ventilating, refrigerating, water and sewage disposal system.

Shares with the Chief Engineer the schedule of being on call for any difficulty that may arise on one of the other shifts.

Performs related work as required.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

The principles, methods and practices involved in the operation and maintenance of high pressure steam electric power equipment.

The principles and practices involved in the generation and transmission of electric power.

Safety standards and the ability to establish and maintain adequate accident prevention practices.

Ability to:

Supervise skilled craftsmen in heating and electric generating operations.

Follow complex oral and written instructions.

Possession of a valid Chief Steam Engineers license.

Est.: 3/28/56
Rev.: 8/23/63
Rev. 11/9/77
Rev. 2/9/82

T.C.: 4/84
Former Title(s): Asst. Chief Power
Plant Engineer