

POWER PLANT CHIEF ENGINEER

KIND OF WORK

Supervisory power plant work in a state facility.

NATURE AND PURPOSE

An employee in this class is responsible for the operation, maintenance and repair of high pressure steam and electric generating equipment, and mechanical systems in a state facility power plant. Non-technical supervision is received from the institution superintendent or business manager, while technical supervision may be received either from the Plant Operations Superintendent or Physical Plant Director.

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

Supervises the operation of the heating plant and the generation and distribution of electric current so that the facilities have these utilities available to them.

Directs, assigns, and inspects work done by engineers, fireman, plumbers, electricians, steam fitters, and other skilled and unskilled workers so that the maintenance and repair of the power plant and mechanical systems is accomplished.

Supervises the operations and maintenance of ventilating, refrigerating, water, and sewage disposal systems so that the facility has these utilities they need to operate.

Conducts inspections of all related facilities and systems so that proper operation is assured.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

The principles 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 accident prevention practices.

Ability to:

Plan and direct the work of other employees engaged in installing, operating and preparing heating and power plant equipment.

Prepare plans and specifications for work and materials.

Prepare and maintain accounts and records of personnel, materials and plant operation production.

Maintain materials and equipment.

Understand and carry out written and oral instructions.

NECESSARY SPECIAL QUALIFICATIONS

Possession of a valid Chief Steam Engineer's license.

Est.: 8/60

Rev.:

T.C.: 4/84

Former Title(s): Chief Power Plant
Engineer