

## **POWER PLANT SUPERINTENDENT (Non-Exempt)\***

### **I. DEFINITION**

#### **POWER PLANT SUPERINTENDENT**

This is responsible supervisory work related to the operation of a state-owned power plant. Positions allocated to this title definition function as the superintendent of a power plant **OR** the assistant superintendent of a power plant. Positions are responsible for the day-to-day operation of a state-owned, singular, centralized power plant(s) which produces high-pressure (above 15 psig) steam or hot water to be utilized for space heating, process energy, and/or domestic water heating; and/or produces chilled water for space cooling; and/or produces electrical power; and distributes such utilities via a common central distribution system to an entire facility, consisting of multiple buildings. Plants contain a variety of equipment, such as gas-, oil-, biomass-, or coal-fired boilers which produce high-pressure steam or hot water; steam-driven centrifugal chillers which produce chilled water for cooling purposes; steam-driven electrical generators and a variety of auxiliary equipment, such as feedwater and condensate pumps, air compressors, water-conditioning equipment, coal- and ash-handling equipment, and emergency generators.

Positions allocated to this title definition ensure effective and efficient operation of the plant through oversight of all the equipment within the plant and personnel assigned to the plant, which may include subordinate-level Power Plant Superintendents or related supervisors. Positions perform a combination of the following activities under general supervision:

- Establish plant procedures, work schedules and training programs
- Plan, coordinate, and control plant operations, and maintenance and repair of all equipment associated with the plant and auxiliary operations
- Coordinate periodic plant inspections to evaluate the condition of equipment and maintain safe working conditions
- Coordinate the preventive maintenance program for the plant
- Prepare work orders for major maintenance and repairs
- Review daily operating reports and other records to ensure that the power plant equipment is operating under specified standards
- Diagnose equipment malfunctions and direct activities to restore normal operation or to shut down the malfunctioning unit(s)
- Maintain records and prepare reports relating to power plant operation
- Training subordinates in the proper methods of steam generation
- Oversee the repair and maintenance of plant equipment, including monitoring the work of contracted maintenance crews which perform highly specialized repairs via service contracts

Positions may have responsibility over electrical sub-station operations, utility distribution systems, fresh- and/or waste-water treatment facilities, buildings and grounds maintenance, or other power-plant-related functions which do not comprise a majority of the position's time.

## II. QUALIFICATIONS

The qualifications required for these positions will be determined at the time of recruitment.

## III. RELATED POSITION TITLES

1. Positions which are engaged in supervisory and/or management work related to the operation of a physical plant (i.e., building and grounds maintenance and repair, which encompasses all phases of heating, ventilation, electrical, water treatment, sewage disposal, and grounds) or are responsible for the supervision of a crew engaged in the mechanical maintenance and repair of buildings and related equipment for a majority of the time, and are more appropriately classified as Buildings/Grounds Superintendent or Buildings/Grounds Supervisor.

**\*NOTE:** Wis. Stat. section 16.85(4) provides that:

“The Department of Administration shall exercise the powers and duties prescribed by ss. 16.85 to 16.91:

.....(4) To approve the appointment of a chief operating engineer for each state-owned or operated heating, cooling or power plant and pumping station, to provide for the methods of operating the plants and stations and to design records and forms for reporting accurately the cost per unit of product or service. The superintendent or other person having charge of each plant or station shall not only report to the agency which operates the plant or station but to the secretary in the manner and at such times as the secretary determines. In this subsection, “agency” has the meaning given under sub. (2).”

As a result, **prior approval must first be obtained by the DOA Chief Power Plant Engineer** before hiring an individual into this title. Please contact your assigned HR Specialist within the Office of Human Resources & Workforce Diversity at UW System Administration so that proper notification can be made to the DOA Chief Power Plant Engineer before a Power Plant Superintendent vacancy is filled at your UW-institution.