

**BOARD OF REGENTS  
STATE OF IOWA  
REGENT MERIT SYSTEM**

**Class Title:** Power Plant Utility Worker

**Class Code:** 5411

**Pay Grade:** 208

**GENERAL CLASS DESCRIPTION:**

Under general supervision, operates and observes all power plant auxiliary equipment, pumps, fans, compressors, softener filters and operates boiler feed water make-up system. Assists with various boiler operation, maintenance, and material handling duties.

**CHARACTERISTIC DUTIES AND RESPONSIBILITIES:**

1. Operates and observes pumps, fans, compressors, and feedwater equipment.
2. Reports maintenance needs and deficiencies.
3. Performs maintenance functions such as: lubrication of equipment, clean up activities, painting and minor repairs.
4. Assists Power Plant Boiler Operators, maintenance and material handling staff as needed.
5. Checks boiler chemical tanks. Performs water titration tests and treats water accordingly. Regenerates water softening equipment as necessary. Records data needed to complete chemical and operational logs.
6. Operates coal-transporting and ash-handling equipment.

**KNOWLEDGES, SKILLS AND ABILITIES:**

1. Knowledge of power plant systems and equipment.
2. Knowledge of plant safety and accident prevention measures required for operating and maintaining all heating and power plant equipment.

The tasks listed under the heading of Characteristic Duties and Responsibilities are examples of the variety and general nature of duties performed by employees in positions allocated in the class. The list is descriptive only and should be used for no other purpose. It is not intended that any position include every duty listed, nor is it intended that related duties cannot be required.

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3. Knowledge of the State Hazardous Chemicals Risks Right to Know Act.
4. Ability to withstand constant high noise, dust, fumes, poor lighting and ventilation, and high temperature levels.
5. Ability to perform mathematical computations.
6. Ability to understand and execute oral and written instructions.
7. Ability to communicate effectively orally and in writing.
8. Ability to read and understand blueprints and operating manuals.
9. Ability to lift 50 to 100 pounds
10. Ability to operate hand and power tools and test equipment

**MINIMUM ELIGIBILITY REQUIREMENTS:**

Two years of experience in Power Plant operation or an equivalent amount of formal training and experience in a related area.

**REVISION EFFECTIVE: July 1, 1999**