

# BOARD OF REGENTS STATE OF IOWA

## REGENT MERIT SYSTEM

**Class Title:** Utility Plant Operator II

**Class Code:** 5468

**Pay Grade:** 213

### **GENERAL CLASS DESCRIPTION:**

Under general supervision, operate all plant auxiliary equipment and systems. Operate solid fuel boilers. Make rounds and record readings, throughout the plant, to monitor all plant equipment.

### **CHARACTERISTIC DUTIES AND RESPONSIBILITIES:**

1. All duties of Utility Plant Operator I.
2. Operate solid fuel and gas/oil fired boilers, all typical equipment listed for Utility Plant Operator I, and other auxiliary equipment such as: precipitators, pressure reducing valves and desuperheaters.
3. Provide training and instructions to Utility Plant Operator I personnel.
4. Make rounds of plant equipment. Record equipment readings onto paper logsheets and/or computer spreadsheets and files. Alert appropriate staff of changes needed to equipment.
5. Complete site specific training program for Utility Plant Operator II, within assigned time period.

### **KNOWLEDGE, SKILLS AND ABILITIES:**

1. Knowledge of power plant equipment, in particular boiler and auxiliary systems.
2. Knowledge of tools and methods necessary to maintain power plant equipment and building.

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 OSHA regulations and the ability to comply with OSHA procedures.
4. Skill in the operation and adjustment of plant equipment.
5. Ability to make decisions under emergency conditions.
6. Ability to interpret and record machinery and equipment readings.
7. Ability to read and understand blueprints and operating manuals.
8. Ability to perform basic math computations.
9. Ability to communicate effectively.
10. Ability to follow oral and written instructions.
11. Ability to provide training and instruction in operation of plant equipment, in particular boiler and auxiliary systems.
12. Physical requirements: Must be able to move and lift at least 50 lbs. Must be able to climb stairs and work in an industrial environment.

**MINIMUM ELIGIBILITY REQUIREMENTS:**

1. Must have a high school diploma or GED, and;
2. Three years experience in an industrial plant, process plant or power plant, operating boilers, pumps, fans, conveyors or other similar equipment including a minimum of one year experience in the operation of coal and/or gas/oil fired water tube boilers and related plant equipment including pumps, fans, conveyors and other similar equipment, and;
3. Possession of a license similar to the National Institute for the Uniform Licensing of Power Engineers (NIULPE) or State of Minnesota Second Class Engineer license or ability to become licensed within 6 months.