

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

Class Title: Utility Plant Operator III

Class Code: 5469

Pay Grade: 213

GENERAL CLASS DESCRIPTION:

Under general supervision, operates boilers, operates turbine driven generators, chilled water production equipment, and associated auxiliaries. Coordinate power plant equipment operations with Utility Plant Operator II and Utility Plant Operator I personnel.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

1. All duties of a Utility Plant Operator I and II.
2. Operate electric and turbine driven chillers and turbine driven generators.
3. Operate utility electric tie line and medium voltage switch gear.
4. Maintain a continuous steam supply to campus, using extraction steam from turbine generators or pressure reducing valves, as plant conditions require.
5. Provide training and instructions to Utility Plant Operator I and Utility Plant Operator II personnel.
6. Perform all the functional duties of plant operations in the absence of the Supervisor.
7. Complete site specific training program for Utility Plant Operator III, within assigned time period.

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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KNOWLEDGE, SKILLS AND ABILITIES:

1. Knowledge of OSHA regulations and the ability to comply with OSHA procedures.
2. Knowledge of all major power plant systems and equipment.
3. Knowledge of tools and methods necessary to maintain power plant equipment and building.
4. Skill in the remote and local operation and adjustment of all plant equipment.
5. Ability to make decisions under emergency conditions.
6. Ability to interpret and record operating 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 the operation of all major power plant equipment.
12. Ability to direct the work of Utility Plant Operators.
13. 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. Four years experience in an industrial plant, process plant or power plant, operating boilers, pumps, fans, conveyors or other similar equipment. A minimum of two years of the experience must be in the operation of coal and/or gas/oil fired water tube boilers, steam turbine generators and related plant equipment including pumps, fans, conveyors and other similar equipment; and

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3. Possession of a license similar to the National Institute for the Uniform Licensing of Power Engineers (NIULPE) or State of Minnesota First Class-A Engineer license or ability to become licensed within 6 months.

EFFECTIVE DATE: January 1, 2009

[h/hr/classdes/5469](http://hr/classdes/5469)