

Steam and Chiller Operator

Skill Level: 7

FLSA Status: Non-exempt

IPEDS: 610

Job Purpose: Work performed in monitoring, adjusting, and repairing boiler and chiller systems

Characteristic Duties and Responsibilities (Essential functions for this position are on file in the Office of Human Resources for your information):

Lights off and shuts down boilers.
Monitors gauges, charts, sight gauges.
Adjusts pump pressures and flow rates.
Performs major and minor maintenance on boiler and chiller including oiling turbines and pack pumps.
Mixes hazardous chemicals for boiler treatment to prevent corrosion of tubes.
Periodically lubricates and services pumps.
Operates chillers using automatic system.
Uses common hand tools, plumber's tools, and power hand tools.
Drives truck.
Maintains daily log of all boiler operations and procedures.
Receives all maintenance calls after hours.
Performs other duties as assigned.

Supplemental Functions:

All incumbents are expected to perform these functions except for those qualifying under the Americans with Disabilities Act for a reasonable accommodation. These functions may vary by institution. Incumbents may provide backup to various functions within the unit.

Direction Received:

Employees work under general supervision. Advice and guidance are available from the supervisor as needed for complex issues or exceptions to policy.

Direction Given:

N/A

Job Specifications:

High School diploma or GED; or four years experience as a high pressure steam boiler operator plus three months cumulative experience in painting/priming of boilers and associated equipment; or heating course (which includes boiler troubleshooting techniques) and three years experience as a high pressure steam boiler operator plus three months cumulative experience in painting/priming of boilers and associated equipment.

Knowledge, Skills, Abilities, and Worker Characteristics:

- Knowledge of pipefitting procedures.
- Knowledge of boiler equipment.
- Knowledge of chiller repair and maintenance.
- Ability to operate high pressure boilers.
- Ability to troubleshoot boiler problems.
- Ability to explain and demonstrate methods and procedures.
- Ability to schedule and plan the work of others.
- Skill in the use of tools and equipment common to the painting trade.
- Ability to use proper painting/priming techniques.
- Ability to keep records and make reports.
- Ability to safely use cleaning chemicals.
- Ability to act as group leader for employees performing routine tasks.
- Ability to install and repair plumbing fixtures.

Working Conditions/Physical Demands/Special Conditions:

Specific working conditions, physical demands and special conditions relative to this position are on file in the Office of Human Resources for your information

<u>Date</u>	<u>Skill</u>	<u>Evaluation</u>
5/2004	7	642023214

The intent of this job description is to provide a representative summary of the types of duties and responsibilities that will be required of positions given this title and shall not be construed as a declaration of the specific duties and responsibilities of any particular position.