

CONTROL ROOM OPERATOR

The following class specification is intended to represent only the key areas of responsibilities; specific position assignments will vary depending on the business needs of the department.

DEPARTMENT: Environmental Management

REPORTS TO: Plant Shift Supervisor

CLASS SUMMARY

Serves as a lead to staff and monitors the operations of the steam generating plant. Work involves operating equipment to include trash-fired steam boiler, turbine generators, plant fire alarm and pump systems.

DISTINGUISHING CHARACTERISTICS

The Control Room Operator is the third level of a four level plant operator series. The Control Room Operator is distinguished from the Pollution Control Specialist in that it monitors the overall operations of the plant. The Control Room Operator is distinguished from the Plant Shift Supervisor who has supervisory authority over assigned shifts.

TYPICAL CLASS ESSENTIAL DUTIES

- Serves as lead to staff to include assigning and monitoring work and providing direction.
- Operates trash-fired steam boiler to include monitoring fuel, air, and water levels and making necessary adjustments; coordinating operations with field personnel; troubleshooting equipment; and ensuring operations within appropriate parameters.
- Operates steam turbine generators, which includes monitoring temperatures, generator loads, and turbine vibrations; making necessary adjustments; and troubleshooting equipment problems.
- Conducts periodic equipment inspections, which includes turning equipment on and off; performing visual checks; and making necessary adjustments.
- Completes and maintains various logs on plant operations and repair activities.
- Monitors plant emissions by observing computer output and interpreting and applying appropriate environmental guidelines.
- Operates plant fire alarm and pump systems by starting and stopping pumps as necessary and alerting staff when fires are present.
- Performs other duties of a similar nature or level.
- Performs work during emergency/disaster situations.

POSITION SPECIFIC DUTIES

Does not apply.

KNOWLEDGE AND SKILLS

Knowledge of:

- General mechanical principles;
- Techniques for calibrating measurement equipment;
- Safety concepts;
- Measurement principles;
- Boiler and turbine operation concepts;
- Applicable environmental regulations;
- Work assignment and monitoring techniques;
- Fire pump and alarm systems;
- General air pollution control principles.

CONTROL ROOM OPERATOR

Skill in:

- Keeping logs;
- Assigning and monitoring work;
- Using a computer and related software applications;
- Troubleshooting boiler and turbine systems;
- Conducting visual inspections;
- Interpreting and applying environmental regulations;
- Calibrating measurement equipment;
- Reading meters and gauges;
- Communication, interpersonal skills as applied to interaction with coworkers, supervisor, the general public, etc. sufficient to exchange or convey information and to receive work direction.

TRAINING AND EXPERIENCE

High School Diploma or General Equivalency Diploma (GED) and three years of related power plant experience including six months of related plant computer-based control experience; or an equivalent combination of training and experience sufficient to successfully perform the essential duties of the job such as those listed above.

LICENSING/CERTIFICATION

- Completion of the Environmental Protection Agency (EPA) Municipal Waste Combustor (MWC) training course within six months of employment.

PHYSICAL REQUIREMENTS/WORKING CONDITIONS

Typically requires climbing, reaching, standing, walking, fingering, grasping, feeling, talking, hearing, seeing, and repetitive motions.

Light Work: Exerting up to 20 pounds of force occasionally, and/or up to 10 pounds of force frequently, and/or negligible amount of force constantly to move objects. If the use of arm and/or leg controls requires exertion of forces greater than that for Sedentary Work and the worker sits most of the time, the job is rated for Light Work.

May be subjected to moving mechanical parts, vibrations, fumes, odors, dusts, gases, poor ventilation, chemicals, oils, and intense noises.

GENERAL INFORMATION

FLSA Status: Non-exempt

Class Spec Established/Revised: E11/99; R0406