

Power Plant Technician

Location: Madison, Wisconsin

General purpose of work

Assists Operators and Assistant Operators in the inspection, starting, operation, and shutdown of boilers, turbines, generators, and all auxiliary equipment.

General duties

- Makes regular routine inspections of boilers, turbines, generators, and auxiliary equipment and records data from meter readings and reports any irregularities in equipment operation.
- Operates boilers and any boiler auxiliary equipment as directed.
- Operates such equipment as soot blowers, valves, pumps, and ash equipment and hand-lances boilers.
- Makes regular routine inspection of such equipment as circuit breakers, voltage regulators, and buses.
- Assists as directed in the starting, operation, and shutdown of equipment and in the operation of breakers and disconnect switches.
- Troubleshoot and adjust equipment and systems as necessary to maintain optimal operating condition.
- Perform both routine and nonroutine preventative and corrective maintenance on plant equipment to maximize system reliability.
- Maintain plant logs, records, and files.
- Keeps the Operator informed of operating conditions.
- Keeps work area and equipment clean.
- Assists in miscellaneous repair work when assigned.

Qualifications

- AA degree or certification in power plant technician education or one year's experience in a power plant.
- Ability to understand and operate power plant mechanical and electric equipment and systems.
- Ability to understand/interpret technical information and schematic drawings.
- Understand chemistry principals and the relationship to power plant operations.
- Ability to use mechanical and hand tools.
- Effective written and verbal communication skills.
- Computer literacy in word processing, spreadsheets, and other software.
- Ability to work in widely varying temperature environments.
- Capable of frequently lifting 75 lbs. minimum, climbing, balancing, stooping, kneeling, crouching, crawling, reaching, handling, fingering, feeling, talking, hearing, and seeing.
- Ability to adapt to 12-hour rotating shift work.
- Must remain on duty as needed until relieved and must be reasonably available for emergency work.
- Learn and practice all applicable safety rules.