



Job Title: Control Room Operator  
Reports to: O&M Manager  
Location: Morris Cogeneration, LLC

**Requirements:**

- Six (6) to eight (8) years' Operator experience in a power plant environment; technical training and previous success in performing technical functions in a power plant environment.
- Six (6) to eight (8) years' gas turbine operations or maintenance experience.
- Six (6) to eight (8) years' steam turbine operations or maintenance experience.
- Four (4) years' boiler operations or maintenance experience
- Ability to understand DCS and PLC ladder logic
- Ability to run trends to proactively diagnose potential issues
- Ability to learn the principles and operations of power plant equipment.
- Basic knowledge and understanding of the fundamental principles related to physics, mathematics, AC and DC electrical theory, heat transfer and fluid flow, thermodynamics, chemistry and metallurgy.
- Ability to understand and read mechanical and electrical drawings such as P&ID's, single line diagrams, schematics and logic's.
- Knowledge of power plant safety, especially in areas such as chemical handling, high energy systems, incident energy/ arc flash, confined spaces, incipient fire suppression, first aid, rotating machinery, and heavy equipment operations.
- Ability to operate valves, switches, controls, keyboards and other devices associated with power plant and material handling equipment, as well as basic hand, portable and pneumatic tools and basis rigging equipment.
- Ability to read, write and communicate in the English language and perform mathematical computations.
- Knowledge of computer programs including excel and word. Must be able to work with maintenance management systems such as Maximo or Mainsaver.

**Job Responsibilities:**

- Monitor plant equipment to ensure proper operation and identify developing trends.
- Quickly respond and take corrective action to plant alarms.
- Ensure work orders are written on faulty or unsafe equipment.
- Perform PM inspections as required.
- Perform water chemistry tests and adjust the chemical feed as needed.
- Monitor and maintain operating levels in equipment.
- Operate the facility in a safe and efficient manner.
- Perform daily reporting activities.
- Perform daily and real time dispatch functions.
- Coordinate shift maintenance and operations activities.

- Generate, hang, clear and administer Lock out Tag Outs.
- Coordinate confined space entries.
- Perform assignments received from the O&M Manager.
- Perform other various tasks as designated by O&M or General Manager.
- Perform as required:
  - Must be capable of starting up and safely shutting down, isolating or by-passing all plant equipment including turbines, boilers, generators and switch gear.
  - Must have a thorough understanding of all plant systems.
  - Must be able to coordinate the proper distribution of electrical and thermal power to meet all contractual obligations whenever possible.
  - Must be able to clearly, accurately and orderly convey timely information required for reliable and safe operations.
  - Must be capable of filling out the daily plant log sheets and log book.
  - Must maintain a safe working conditions and proper housekeeping at all times
  - Must be able to perform trouble shooting when necessary

**Education:**

High school diploma

**Physical Requirements**

Performance of essential functions in the Operator/I & C Technician Classification require the following:

- Ability to perform manual tasks including but not limited to:
  - Shoveling
  - Raking
  - Operation of hand tools
  - Operation of Chain saws.
- Ability to lift at least 80 lbs.
- Ability to bend and maneuver in tight, cramped quarters.
- Ability to work in hot, noisy and dark environments. Ability to work in high places.
- Ability to work with and wear respiratory protection.
- Ability to communicate clearly with plant personnel. Ability to give and receive instructions over a radio and P.A.
- Ability to see clearly; safely and readily identifying the labels, gauges, dials and indicators typically encountered in performing job duties.
- Ability to read, write and understand instructions and procedures.
- Ability to work rotating shifts for 24 hour coverage if needed during loss of communication.