



Job Title: Control Room Operator
Reports to: Operations & Maintenance Manager
Location: Frederickson Facility; Tacoma, Washington

Summary: The Control Room Operator is responsible for the safe, compliant and efficient operation of the plant in accordance to company policies, procedures and requirements.

Job Description:

With safety as a priority, the Control Room Operator is expected to perform the following tasks:

- 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;
- 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 (LOTOs);
- Coordinate safety work permits (confined space, hot work, test operate, etc.);
- Perform assignments received from the O&M Manager;
- Perform other various tasks as designated by O&M or Plant Manager;
- Effectively apply and support safety practices. Recognizes and communicates safety hazards, including stop work scenarios for the protection of fellow workers, contractors and the public.

Effectively perform as required:

- Starting up and safely shutting down, isolating or by-passing all plant equipment including turbines, boilers, generators and switch gear;
- Thorough understanding of all plant systems;
- Coordination the proper distribution of electrical and thermal power to meet all contractual obligations whenever possible;
- Ability to clearly, accurately and orderly convey timely information required for reliable and safe operations;
- Filling out the daily plant log sheets and log book;
- Maintain a safe working conditions and proper housekeeping at all times;
- Ability to perform trouble shooting when necessary.

Requirements:

Education

- High School graduate or equivalent

Experience

- Local License, where necessary
- Valid driver's license
- Six (6) years' Operator experience in a power plant environment; technical training and previous success in performing technical functions in a power plant environment.
- Six (6) years' gas/steam/power turbine operations or maintenance experience.
- Six (6) 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&IDs, single line diagrams, schematics and logics.
- 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

Work Process Skills

- While engaged in company business, employees are expected to conduct themselves in a courteous business-like manner, showing respect and consideration for fellow employees and other site personnel, such as contractors and guests, with a focus on servant leadership;
- Cooperate with your co-workers in a manner that is positive and constructive; accept that there are different opinions and ideas; discuss issues in a professional manner looking for solutions that can be resolved at your level;
- To communicate work related issues along with recommended solutions to your coworkers and/or supervisor in a timely and professional manner;
- Be accepting of changes to your day to day routing as the business needs dictate;
- To be appropriately dressed and ready for work prior to the start of a working shift through to the end of the shift;
- Comply with all Atlantic Power policies and procedures.

Physical Requirements

- Ability to perform manual tasks including but not limited to operation of hand and power tools;
- 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 at heights;
- Ability to work with and wear respiratory protection;

- Ability to reach with hands and arms above shoulder level and at shoulder level;
- Ability to walk, stand, stoop, kneel, and bend for prolonged periods of time;
- Able to grip and manually manipulate, often with repetitive motion, items such as, but not limited to, hand tools and machine parts;
- Ability to communicate clearly with plant personnel, including the ability to give and receive instructions over a radio;
- 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 in English;
- Ability to work outside of a normal shift rotation during call-outs or planned maintenance outages.