



**Job Title:** Maintenance Technician

**Location:** Curtis Palmer

**Reports to:** Plant Manager

**Summary:** The incumbent will provide services that will maximize the reliability and efficiency of the generating stations equipment. This position will provide technical assistance involving the installation, testing, repair and maintenance of all types of hydro-electric power plant equipment. The Maintenance Technician must be able to operate the plants onsite if needed, assist operators as required and respond to call-in's when needed.

**Job Description:** With safety as a priority, the Maintenance Technician is expected to:

- Maintain hydro-power plant equipment including turbines, generators, pumps, hydraulics, valves, diesel engines, air compressors, fire systems, mobile equipment, intake rack cleaner, air blowers, piping and other mechanical equipment;
- Operate the plant monitoring all operational equipment including PLC's HMI's, transducers, level gauges, plant ramping, intake screen cleaning, snow clearing, mobile equipment operation and other assorted tasks;
- Provide scheduling and assist in providing technical expertise, conduct pre-job briefings and post job debriefings, assist colleagues to resolve problems, monitor tasks, assist other Technicians in investigating and resolving problems, and reporting incidents, accidents or safety concerns, Continuously review control strategies to maximize plant efficiency, reliability and flexibility;
- To perform research and investigation of equipment failures or other chronic problems in order to develop and recommend solutions concerning plant systems;
- Review specifications of newly acquired equipment. Coordinate the operational testing and the verification of quality and quantity of such equipment in order to make recommendations concerning the equipment acceptance;
- To review and provide appropriate input concerning any recommendations about practices, procedures, system requirements or improvements in order to facilitate maintenance schedules, short or long range plans;
- Coordinate maintenance and equipment outages with other Technicians, as required;
- Demonstrate a high level of performance and behavioral skills, including the ability to multi-task, and make independent decisions, strong verbal and written communication skills, strong organizational skills, with the ability to manage in a dynamic high work volume environment with shifting priorities;

- Demonstrate a strong focus on safety, an interest in continuous improvement, strong team work skills, with an ability to establish effective working relationships with a variety of people;

#### **Requirements:**

##### *Knowledge*

- High School graduate
- Trade certificate or Associate Degree or equivalent experience.
- Experience in the operations and maintenance of hydro-electric generating facilities would be considered an asset.
- Valid Driver's License; traveling between the plants is required during the work day.

##### *Technical Skills*

- Mechanical troubleshooting skills
- Self-starter, able to solve problems without help
- Strong computer skills
- Proficient technical report writing skills
- Valid driver's license
- Understanding of plant systems.

##### *Work Process Skills*

- Positive attitude – willing to be challenged and try new ideas.
- While engaged in company business, employees are expected to conduct themselves in a courteous businesslike manner, showing respect and consideration for fellow employees and other site personnel;
- It is expected that employees cooperate with fellow employees and other site personnel to provide a productive and safe work environment;
- 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;
- Comply with all Atlantic Power policies and procedures.

##### *Physical Requirements*

###### Performance of essential functions:

- 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.