



Job Title: Maintenance Technician

Reports to: Operations and Maintenance Manager

Location: Cadillac, MI

**Job Responsibilities:**

The Maintenance Technician responsible for the effective maintenance of a 40 MW biomass-fired power plant. This includes the implementation of delegated projects, and the completion of assigned tasks involving the installation, testing, repair and maintenance of all types of mechanical equipment associated with the power plant. Equipment includes but is not limited to steam turbines, fuel and ash handling systems, valves and piping, heavy equipment, generators, air compressors, hydraulic systems, wood fired boiler and auxiliary equipment. The Technician must be safety oriented, have strong computer skills, and will work closely in a team environment with other trades including operations, electrical and instrumentation.

**Job Description:**

With safety of yourself and all those around you as the highest priority, the Maintenance Technician is expected to:

- Develop maintenance procedures as assigned to ensure that plant equipment is being properly maintained in accordance with OEM recommendations and industry best practice;
- Identify equipment maintenance needs; recording mechanical equipment readings, and ensuring the accuracy of records kept;
- Conduct reactive maintenance as needed in a timely manner in order to maintain the highest possible plant availability;
- Perform routine lubrication, inspection, welding, or maintenance activities on plant equipment
- Identify and work with plant Management to order required spares, ranging from daily consumables to critical spare parts;
- Provide technical assistance and guidance to other site personnel to aid them in the performance of routine maintenance functions;
- Continuously review maintenance strategies and equipment operation to maximize plant efficiency, reliability and flexibility;
- Perform research and investigation of equipment failures or other chronic problems as needed in order to develop and recommend solutions to mitigate ongoing problems;
- 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:**

*Education*

- High School graduate or equivalent;
- Industrial Millwright Certificate or equivalent preferred.

*Experience*

- Minimum of (5) years' experience as a Maintenance Technician in a power plant or similar industrial environment.

*Technical Skills*

- Possess a conceptual understanding of plant systems, including hydraulic theory;
- Ability to interpret drawings, blueprints, schematics and diagrams for a variety of systems;
- Ability to operate heavy equipment, including loaders, dozers and forklifts as necessary;
- Ability to weld and fabricate basic assemblies;
- Ability to install, align, dismantle and move stationary industrial machinery and mechanical equipment, such as pumps, fans, and conveyors according to layout plans;
- Ability to inspect and examine machinery and equipment to detect and investigate irregularities and malfunctions;
- Ability to interpret lube oil analysis results and make recommendations;
- Computer competency is a necessity;
- Proficient technical report writing skills.

*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, including 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 at heights;
- Ability to work with and wear respiratory protection;
- 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.