



Job Title: Maintenance Technician
Reports to: Maintenance Manager
Location: Morris Cogeneration; Morris, Illinois

Summary: The purpose of this position is to provide technical assistance and engage in the performance of delegated projects, procedures or tasks, involving the installation, testing, repair and maintenance of all types of mechanical, electronic, pneumatic, hydraulic or electrical equipment, associated with the power plants. Provide services that will maximize the reliability and efficiency of the generating stations control systems and auxiliary equipment. The Maintenance Technician may be able to operate the plants onsite if needed and assist operators as required.

Job Description: With safety as a priority, the Maintenance Technician is expected to perform the following tasks:

- Take personal responsibility to incorporate safe behavior into all activities and consistently complies with all established safety and health policies and procedures, helps to identify, and eliminate or actively manage risks in all work activities;
- Perform mechanical and electrical maintenance tasks, inspections and troubleshooting as assigned;
- Possess general plant electrical knowledge;
- Handle hazardous materials and waste oil;
- Maintain and repairs pumps, gas compressors, gas turbine, steam turbine, and balance of plant equipment and processes;
- Maintain spare parts inventory;
- Perform overhaul maintenance and system improvement tasks as assigned;
- Implement safe working practices, identify hazards and take corrective actions as approved;
- Operate heavy equipment such as man lift and forklift;
- Recommend plant betterment items to improve overall plant efficiency, reliability, and safety;
- Handle inert and explosive gas (H₂, N₂, O₂, acetylene, CO₂);
- Follow plant and corporate safety regulations. Initiate job safety analysis and near miss reports to help reduce risk to personnel;
- Perform maintenance record keeping as needed;
- Perform housekeeping functions necessary to maintain job site and shop cleanliness;
- Perform other duties as assigned;
- Work with and assist Utilities or Cogeneration plant outside operator as needed.

Requirements:

Education

- High School graduate or equivalent.

- Trade school, military technical training, or technical training schools preferred.
- Additional professional training preferred.

Experience

- Minimum of One (1) year operations experience in power generating facilities or process plants. Additional experience with machinery repair and control systems preferred.
- Experience performing installation, inspection, maintenance, and repair work on mechanical equipment such as packing pumps and valves, disconnecting, connecting, and insulating pipes.
- Experience welding with SMAW, MIG, and TIG
- Experience operating machine tools where close tolerances are not involved.
- Experience disassembling and assembling equipment such as pumps, compressors, and valves.
- Experience with precision alignment equipment
- Experience with precision measurement tools
- Experience with maintenance and repair work on buildings and equipment.

Technical Skills

- Conceptual understanding of plant systems.
- Knowledge of the kinds and types of equipment installed derived through a combination of hands-on experience and formal training performed in the manufacturer's factory and/or at the jobsite.
- Demonstrate skills in the use of tools, test equipment and calibration appliances.
- Strong mechanical aptitude, basic understanding of chemistry, physics, electricity and mathematics. Must be able to respond calmly and think clearly in emergency situations.
- Must be able to visually read and respond to computer-generated data, instrumentation, gauges, readouts and variations in color.
- Must have manual dexterity required to operate keyboards, pushbuttons, dials, valves and mechanical-actuating devices.
- Valid driver's license.

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;
- 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;
- Communicate your intentions to your peers/supervisor in a manner that is positive and constructive;
- 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 in inclement weather conditions;
- 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.