



Job Title: Operator/Technician

Location: Curtis Palmer

Reports to: Maintenance Manager

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 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 operator I&C Tech will be able to operate the plants onsite if needed and assist the remote operators as required.

Job Description: With safety as a priority, the Operator is expected to become competent to perform the following tasks during his/her prescribed apprentice term:

- Help develop procedures in the calibration and maintenance of plant instrumentation and process control systems and operation.
- Gives technical assistance to personnel in the use of procedures and evaluate the results achieved.
- Continuously review control strategies to maximize plant efficiency, reliability and flexibility.
- Assist in developing and carrying out performance tests and interpreting results.
- To perform research and investigation of equipment failures or other chronic problems in order to develop and recommend solutions concerning plant control 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.
- Keep abreast of power plant techniques and technologies, and to research and develop corporations or expansions of control systems, with emphasis on logistics, economy and service.
- 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 rang 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 or equivalent plus Associate Degree in Instrumentation & Controls or Electrical Maintenance or equivalent experience.

Technical Skills

- Conceptual understanding of plant systems.
- Conceptual understanding of electrical theory.
- Working knowledge of cooling water system.
- Comprehensive understanding of electrical system and motor control centers.
- Working knowledge of high voltage switchgear and switchyard equipment operation and maintenance.
- Working knowledge of cable pulling techniques, conduit installation practices, and high voltage cable termination methods.
- Knowledge of plant clearance procedures.
- Fundamental knowledge of computer hardware system-electric application.
- Cognition of software system utilized by plant.
- Comprehension of complex electrical wiring diagrams and control schematics.
- Communication and human relation skills.
- Ability to use light duty equipment.
- Ability to use the following test equipment:
 - Volt OHM Amp Meter
 - Thermocouple Calibrator
 - Multiple Hydraulic Pressure Tester
 - Pressure Calibrators
 - Oscilloscope
 - Transmation
 - Meggar
 - AMP Probe
- Strong computer skills;
- Proficient technical report writing skills

Work Process Skills

- 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;



- 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

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.