



## VACANCY – SENIOR SUBSTATION TECHNICIAN

Applications are invited from interested and suitably qualified individuals for the position of **Senior Substation Technician FortisTCI**, Providenciales.

### **Description**

- Responsible to plan and supervise the construction, installation, modification, maintenance and repair of the company's high voltage electrical distribution facilities.
- At the direction of the Manager, Substations the Senior Substation Technician will perform and direct maintenance and install high voltage equipment and electrical control systems both in the Plant and Substations in a sound technical manner, to ensure the reliable operation and functionality of equipment, as per design specifications.
- This position is required to trouble shoot and repair the more complicated electrical equipment that other staff members are unable to
- Mentoring of apprentices and less experienced electricians

### **Main Duties & Responsibilities**

#### **Key Responsibilities:**

- Lead and participate in the layout, construction, installation, modification, maintenance and repairs to FortisTCI facilities by preparing and interpreting blueprints, plans, specifications, catalogue data and written and verbal instructions.
- Plan, provide materials and schedule work for subordinate employees ensuring proper assignment, tooling and techniques in performance of duties
- Mentoring of the existing work force through “hands on training and mentoring” in conjunction with training provided by outside trainers in order to assemble a knowledgeable and motivated electrical plant work force.
- Maintain and install all rotating and stationary electrical equipment with particular emphasis on control systems and substation maintenance. All such work will be performed with safety, efficiency and functionality of the FortisTCI system as the guiding factors.
- Maintain and install all breakers and associated equipment at the plant and in Company Substations.
- Prepare instruction manuals and consolidate manufacturer's information into a form that can be used by others to trouble shoot and maintain electrical equipment.
- To prepare cost estimates and material lists for various projects for the Senior Electrical Engineer.
- Assist the Senior Electrical Engineer in the preparation of capital and maintenance budgets by the preparation of cost estimates as assigned
- Be familiar with all Company policies and procedures (including those established by past practice) relating to the position and to observe and enforce same.
- Plan and conduct work in a manner consistent with the company's commitment to the environment and ensure that subordinate employees are likewise in compliance.
- Be familiar with safety and operating procedures of the company and see that all in the Electrical Plant Department follow them
- Assist in the maintenance of statistical records required by the company
- Be calm and competent in response to plant emergencies in a manner that inspires others to do likewise.

- Operate Company vehicles as required and in adherence to company policy and the driving regulations of TCI authorities.
- Be professional in dress and demeanor as befits an employee and ensure that a good public image of FortisTCI is maintained at all times.
- Perform other duties as may be assigned and/or required by system contingencies from time to time.

### **Daily Duties**

- Plan a weekly outline of the work to be conducted and who is to do it in conjunction with the Senior Electrical Engineer.
- Submit job reports and failure analysis reports as may arise due to equipment operating abnormalities
- Select the correct manuals and procedures to be used by apprentices and direct them in how to follow the documentation.
- Conduct other duties as assigned by Senior Electrical Engineer from time to time

### **Academic/Technical/Management Experience & Qualifications:**

- Successful completion of a high school and post- secondary education program, preferably in engineering trades with an emphasis on electrical technology.
- Familiarity with PLC's and their trouble shooting
- Completion of Industrial Electricians apprentice program equivalent to the Red Seal program.
- A minimum of 10 years' hands on experience in high voltage application preferably in the power generation and distribution field as well as a demonstrated ability to lead others.
- Familiarity with and competency in the use of computers and standard computing software programs particularly drafting.

### **Abilities, Skills, Experience, Aptitude & Judgement:**

- Above average analytical skills in math and electrical theories
- Excellence in interpretation of engineering drawings and manuals
- Professional competency in written and oral communication skills in English
- Experience in working under utility emergency response condition
- Experience in high voltage installation, maintenance, and repairs
- Ability to function effectively under emergency situations and thinks clearly and effectively and deliver within deadlines and to work under pressure
- Self -motivated, solution oriented and positive in outlook
- Team player

**Salary commensurate with experience and qualifications.**