

LEAD SUBSTATION TECHNICIAN

DUTIES AND RESPONSIBILITIES

Reporting to the Manager, Planning & Maintenance you will be responsible for:

- Setting up new projects passed down from Manager, Planning and Maintenance.
- Supervise substation staff and enforcing safe work practices in accordance with IHSA rules and the corporation's policies and procedures.
- Assisting in training of staff in work methods, safe practices, leadership and good housekeeping.
- Planning and designing of the proposed installations and upgrades to completion and as-built drawings, design work using AutoCAD.
- Installing new protection and control equipment (P&C), remote terminal unit and wiring to completion of substations.
- Upgrading P&C relays and wiring within the breaker cubicles, replacing existing RTU and communication equipment and modifying existing wiring to adapt to new SCADA system.
- Installing or upgrading control and communication systems on pole and padmounted distribution switches and installing and maintaining AC and DC substation service systems.
- Test, inspect and maintain substation transformers, breakers, relays, switchgear, metering equipment and grounding, using test equipment associated with each component being tested such as, Transformer Capacitance and Dissipation Bridge, Micro Ohmmeter, Relay Tester, etc.
- Maintain and repair AC and DC service systems for the substations as required and repairing or replacing defective items or equipment.
- Investigate, diagnose and report on faults, failures, breakdowns and improper operations of Substation transformers; Relays; Breakers; Pole mounted distribution switches and reclosers; Padmounted switchgear; RTU and communication equipment
- Collecting scheduled and periodic substation data and maintain detailed substation equipment records.
- Ensuring substation components and structures, including yard and enclosure are in a secure, safe and clean condition. Direct on-site work of contractors.
- Installing programs specific to equipment used, such as ABB, Cooper, GE, etc. Research for data and specs for various pieces of equipment for upcoming jobs. Source parts and request quotations and prepare purchase requisitions.

QUALIFICATIONS

- 2 years Community College or equivalent
- Journeyperson Substation Technician (or equivalent).
- 7 to 10 years relevant experience.
- Extensive experience with electrical distribution systems, transformer maintenance and knowledge of protection and control systems.
- Experience with SCADA systems and knowledge of computer software and communication systems.
- Valid Class 'G' Ontario Driver's License.

Interested and qualified applicants are encouraged to submit their resume to hr@veridian.on.ca **PLEASE QUOTE POSITION TITLE THAT YOU ARE APPLYING FOR IN THE SUBJECT LINE OF YOUR EMAIL.**

Please note only candidates who meet the qualifications and experience for the position will be contacted for an interview. We thank you for your interest in Veridian.