

Job Information

Job title	Certified Electrician	Job Code: CEREL	Pay Grade: L
Title of immediate supervisor	Supervisor- Public Works		
Department/Division	Engineering / Public Works		
Prepared by	N. Pallan		
Date Created	Aug 12, 2015	Revised date	
Dept Head Signature	Originally signed by Harley Machielse	Date	October 26, 2015

Job Purpose

Performs tradesperson work performed at the Certified Journey-level. Duties include the electrical installation, maintenance and repair of traffic signals, streetlights, phone and data lines, sewer pump and water distribution stations, electrical components of SCADA (Supervisory Control and Data Acquisitions) systems, municipal buildings and capital work. Directs the work of apprentices and others within the trade.

Duties and Responsibilities

- Provides residential and commercial electrical work in accordance to provincial and federal electrical regulations
- Directs and trains apprentices, tradespersons and other staff.
- Installs, maintains and repairs phone and data cabling.
- Installs, maintains and repairs electrical wiring systems, street lighting, traffic signals, municipal buildings and electrical components of sewer lift and water distribution stations.
- Installs, maintains and repairs motors of various horse power, transformers, generators, transfer switches and control equipment up to 600 volts.
- Updates electrical schematics.
- Maintains documentation for preventive maintenance files.
- Installs, maintains and repairs equipment used in 24 hour operations (i.e. Police, Fire, 9-1-1, monitoring equipment and SCADA systems).
- Reviews design drawings for electrical systems.
- Performs diagnostic electrical tests determining causes of malfunctions and provide estimates to complete repairs.
- Orders and maintains parts inventory for electrical systems.
- Communicates with clients and the public regarding status updates, enquiries or complaints.
- Operates aerial man-lift devices.
- Performs other related duties as required.

Qualifications

- Grade 12 or equivalent.
- Certificate of Electrical Apprenticeship and Electrical Trades Qualification Certificate.
- Four years of experience which includes; Certificate of Electrical Apprenticeship and Electrical Trades Qualification Certificate; Electrical Field Safety Representative.
- Electrical Field Safety Representative designation (FSRB).
- Arc Flash Awareness training.
- An equivalent combination of education and experience may be considered.
- Valid Class 5 BC Driver's Licence with air endorsement.

Physical Requirements

Sufficient health, physical conditioning, strength, stamina and coordination to permit performance of work.

Working Conditions

Works in all types of weather. Works in confined spaces and at heights over 8 meters.