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[» Apply Now](#)**Title** Electronic/Electrical Technician**Department** Engineering Operations**Job Status** Regular Full Time**Posting Status** Accepting Applications**Employment Group** CUPE**Job ID** 19-197

Nature & Scope of Work This is technical work relating to the installation, testing and preventative maintenance of a variety of electronic sensors, controls, transmitters and similar components of automatic remote sensing and control systems and skilled journeyman level electrical work. An employee of this class also prepares preliminary drawings of existing electrical systems for a superior's approval; participates in determining design requirements for Municipal electrical installations; and prepares and maintains a variety of reports, records and statistics related to the work. Considerable independence of judgement and action is exercised within prescribed guidelines, policies and procedures and work performance is reviewed by a superior in terms of attainment of desired results and efficiency of operations controlled.

Illustrative Examples of Work An incumbent will perform a variety of tasks including, but not limited to, the following:

- Performs preventative maintenance tests and adjustments on various components, including sensors, transmitters, encoders, decoders and automated dialers associated with pumping stations;
- Monitors and responds to electronic and communication system failures and malfunctions by diagnosing and assessing problems according to prescribed procedures and making minor repairs and adjustments; installs electronic components, including sensors, logic units, transmitters and receivers;
- Installs and maintains electrical controls, alarms and motors for sewage, water and drainage pumps and equipment related thereto; installs, adjusts, maintains, and repairs traffic signals;
- Performs miscellaneous construction wiring and related maintenance tasks in Municipal buildings;
- Participates in determining design requirements for Municipal electrical installations; monitors electrical installations by contractors on Municipal work;
- Prepares preliminary electrical drawings for a superior's approval; prepares and maintains records, reports and statistics related to the work;
- Performs related work as required.

Required Knowledge, Skills and Abilities

- Thorough knowledge of the standard methods, practices, materials, tools and equipment used in the installation and maintenance of specialized electrical and electronic control systems and equipment;
- Considerable knowledge of the hazards and necessary safety precautions involved in such work;
- Considerable knowledge of the applicable rules and regulations governing the electrical work performed;
- Ability to read and interpret performance data and error messages from controls, sensors, transmitters and related mechanisms; to diagnose problems as they arise according to prescribed procedures and take the necessary remedial action; and to install electronic components;
- Ability to prepare preliminary electrical drawings and to participate in determining the design criteria for Municipal electrical installations;
- Ability to prepare and maintain records, reports and statistics related to the work performed;
- Skill in the use and care of tools, materials and equipment used in the work.

Desirable Training & Experience

- IMSA Traffic Signal Level 2 certification.

Required Licences, Certificates and Registrations

- Minimum Grade 12
- FSR Certification of Qualification
- BC Certificate of Electrical Qualification
- Valid Driver's Licence for the Province of British Columbia (minimum Class 5)

Safety Requirements Incumbents are required to follow all applicable Safe Work Procedures, participate in Occupational Health & Safety training, meetings and to report any hazards in the workplace.

Hours of Work 40 hour work week

Pay Grade T01

Pay Rates \$40.69 per hour

Posting Date 11/20/2019

Posting Closing Date 11/27/2019

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