



Senior Electrician

DEFINITION

Work of this class involves the assigning, supervising and participating in the day-to-day work of journeymen engaged in the installation, maintenance, repair and testing of electrical equipment such as tunnelling equipment, hoists, lighting systems, electrical locomotives, portable substations, small electric tools, and related electrical apparatus. Performs other related duties as required.

TYPE OF WORK

- | | |
|---------------------------------------|--|
| <input type="checkbox"/> Unskilled | <input type="checkbox"/> Journeyman |
| <input type="checkbox"/> Semi-skilled | <input checked="" type="checkbox"/> Above Journeyman |
| <input type="checkbox"/> Skilled | |

TYPICAL DUTIES *

In accordance with the Canadian Electrical Code, Electrical Protection Act of Alberta, applicable City bylaws, manufacturer's and departmental standards, and safety standards:

Plans, organizes, assigns, and supervises the day to day work of journeymen engaged in the installation, maintenance, repair and testing of electrical equipment such as tunnelling equipment, hoists, lighting systems, electrical locomotives, portable substations, small electric tools, and related electrical apparatus.

Supervises and directs crews engaged in the installation of tunnelling equipment such as Moles, hoists, and electric locomotives; portable substations, water and sewage pumps, temporary lighting systems and generators.

Issues and collects daily work orders from work force and follows through to ensure that work has been completed according to proper standards.

The scheduling of priorities and the arranging for material requirements of his crews to meet assigned objectives.

The analysis and approval of reports from Electricians such as construction reports, maintenance reports, electrical inspection reports, gang sheets, sickness and accident reports.

Responsible for electrical estimates, layout diagrams, and the making of recommendations regarding electrical meter installations, connection and disconnection of electrical services, location and size of service and capacity of portable substations.

The assessment of all trouble and maintenance calls and assigning of the appropriate personnel for repair.

The on-the-job coordinating of the work of his crews with other departmental crews and contractors working for the department as assigned.

The assisting in training and evaluating of section staff.



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Responsible for the safe and efficient operation of vehicles and equipment assigned to his crews.

The revision of plans and drawings and the gathering of technical data for the management groups.

The maintaining of good public relations by explaining departmental regulations and policies pertaining to the electrical code, city bylaws, and procedures followed in construction, maintenance and repair of electrical equipment.

Performs other related duties as required.

SUPERVISORY/LEADHAND RESPONSIBILITIES

Normally responsible for approximately ten to twenty (10-20) employees.

ENVIRONMENTAL AND WORKING CONDITIONS

Working conditions vary from office conditions to extremes in weather while working outside.

KNOWLEDGE, ABILITIES AND SKILLS

Alberta Standata, Canadian Standards Association, Alberta Occupational Health and Safety Act, Alberta Occupational Health and Safety Act, Alberta Health and Safety Code and Regulations, Electrical Safety Act, Alberta Fire Code, National Fire Protection Act

Knowledge and understanding of accident and incident investigation and risk analysis

Knowledge of Privacy legislation

Ability to work independently and as a team member, exercising professional judgement and behaviour

Ability to communicate verbally and in writing with preciseness and accuracy

Presentation skills necessary to train in an individual or group based environment

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

Completion of Grade 12, or an equivalent combination of training and experience

Possession of a Master's Electrician Certificate



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Minimum of 5 years related journeyman experience including at least one (1) year experience in the area of specialty.

Knowledge of all tools used in the trade, and ability to read sketches and blueprints, as well as proven supervisory abilities.

Enrolment in and/or completion of foremanship, supervisory training program recognized by the City.

Possession of a valid Class 5 Alberta Motor Vehicle Operator's license.

On-the-Job Training

Continuing training to keep abreast of advances in the electrical industry.

* *This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

Salary Plan	62M	62D
Job Code	1257	
Grade	037	

Last Updated:	2010-09
Previous Updates:	2003-12
Originated:	1980-09