



JOB DESCRIPTION

JOB TITLE: JOURNEYMAN POWER LINE TECHNICIAN

REFERENCE NO: 56450

DIVISION: ENERGY AND INFRASTRUCTURE

DEPARTMENT: CITY OPERATIONS

APPROVAL DATES: BY:  **DATE:** October 28, 2021
MANAGING DIRECTOR – ENERGY AND INFRASTRUCTURE

BY:  **DATE:** October 27, 2021
CHIEF HUMAN RESOURCES OFFICER

GENERAL DESCRIPTION:

This is a skilled position in the construction, operation and maintenance areas of the electric distribution section who works under the general direction of Foreman in Electric Distribution Operations.

ORGANIZATIONAL RELATIONSHIPS:

- Reports directly to one of the Foreman – Electric Distribution Operations.
- Work is performed under the general direction of an Electric Operations Superintendent – subject to departmental policy as established by the Manager – Electric Operations, all applicable Government legislation pertaining to electrical distribution installations and applicable safety procedures and the Electric Utility Bylaw and Safe Work Procedures.
- Develops and maintains strong working relationships with City Operations and City staff.
- External relationships are established and maintained with consultants, contractors, suppliers, and members of the general public.

PRIMARY FUNCTIONS/ACCOUNTABILITIES:

- Installs, maintains and repairs all components of the street lighting and electrical distribution systems.
- Performs work on energized or de-energized circuits depending on system requirements.
- Performs switching operations as directed by Electric Distribution supervisory or managerial staff when required for circuit switching and load transfers.
- Provides leadership and guidance to groundman operators, utility helpers, casual labourers and apprentices in his crew during normal working day-to-day operations.
- Provides training and mentorship guidance to Apprentices assigned to the crew.
- Assumes the duties and responsibilities of the Foreman – Operations in the absence of the regular Foreman - Operations.
- Ensures that all equipment, tools and vehicles allocated to this crew are fully equipped, inspected, cleaned and maintained.
- Performs emergency and/or planned stand-by duties as required according to the approved departmental stand-by rotation.
- Requisitions materials as required from the Electric Stores daily.
- In cooperation and with the approval of the Foreman - Operations, schedules work on a day-to-day basis such that projects are completed efficiently and safely.
- Ensures that materials, labour and equipment costs are charged to the correct work order (account) number.
- Returns unused materials to the Electric Stores.

- Notifies the Foreman - Operations of changes or modifications to the distribution system or departures from design drawings.
- Studies and marks up standard drawings and design packages on each job to include with as-built package to work management and design.
- Works collaboratively in a team-based work setting to achieve goals and complete workload.
- Performs related or unrelated duties as required in the event of insufficient work as a Journeyman Power Line Technician.

REQUIRED COMPETENCIES:

- Thorough knowledge of the standard methods, materials, tools and equipment of the Power Line Technician's trade.
- Thorough knowledge of the principles and safe work methods used when working on all low, medium, and high voltage Electric Utility distribution and transmission systems.
- Thorough knowledge of the Provincial Electrical Utility Regulations, Occupational Health and Safety Regulations and the City of Medicine Hat Accident Prevention, and Environment Health and Safety Policies.
- Review, understand, commit and work in the safest possible manner consistent with Occupational Health and Safety Legislation and the City's Health, Safety and Environment Management System.
- Proficient in the use of Microsoft and other current office software in a network environment and ability to become competent with the City specific software programs.
- Ability to understand and execute oral and written instructions and to interpret work orders, procedures and design drawings.
- Act as a safety champion, follows all rules, guidelines and SOP's and puts personal and public safety at the forefront of each job.
- Able to communicate ideas, job steps, hazards and barriers to team, contractors, and the public.
- Able to communicate effectively and clearly in day to day tasks and emergency situations.
- Ability to locate, diagnose and repair faults and defects on the distribution and transmission systems.
- Ability to climb poles and work from ladders and man-lift equipment of various heights.
- Ability to work in confined spaces and trenches in all conditions.
- Ability to work outdoors under extreme weather conditions for extended periods of time.
- Knowledge of the City of Medicine Hat Electric Distribution System.

REQUIRED QUALIFICATIONS:

- Possession of a valid Journeyman Power Line Technician Red Seal Trade Certificate.
- Five (5) years of experience as a Journeyman in the construction, operation and maintenance of an Electric Distribution System.
- Possess and maintain a current Class 3 Alberta motor vehicle operator's license with an acceptable driving record.
- An equivalent combination of management approved education and experience may be considered.