



First Class Lineman

This job description is intended to present a descriptive list of the range of duties performed by employee(s) in this municipality and is not intended to reflect all duties performed within the job.

SUPERVISOR: Electrical Line Supervisor

SUPERVISE: Second and Third Class Lineman

SUMMARY DESCRIPTION

Responsible for performing various maintenance activities for the city's electric transmission and distribution system. An incumbent will be required to perform duties on a 24/7 rotating on-call basis for emergencies.

EXAMPLES OF WORK PERFORMED

ESSENTIAL FUNCTIONS: *The following examples of work are illustrative only and are not intended to be all inclusive.*

Participates in various installation activities including the installation of meters and related measurement devices, house and commercial service drops, circuit regulators and controlling devices, capacitors, voltage regulators, instrument transformers and other line equipment.

Assists with supervisory functions such as assigning work duties, training personnel on various techniques, and recommending disciplinary actions.

Assists in supervising and participating in the construction, inspection, installation, maintenance, repair and operation of all facets pertaining to the city's electrical transmission and distribution system.

Participates in digging trenches and holes, setting poles, installing pole cross arms and fixtures.

Participates in routing electrical lines and wires, assists in determining appropriate materials and types of lines used in the performance of duties.

Assists in ensuring that inspections are completed on circuit breakers and transformers, including checking bushings and connections, prior to installation.

Performs repair and replacement of street lights.

Participates in various line clearing activities including tree trimming and clearing near energized power lines.

Responsible for changing circuits and transferring services.

Administers first aid to injured persons; requests medical attention for individuals when needed.

Assists the Electric Supervisor in patrolling transmission and distribution lines to check for defective materials, equipment or unsafe conditions.

Assists in updating, reading and interpreting city maps of the electric transmission and distribution lines; interprets staking sheets for line crew, as needed.

Responsible for maintaining awareness of the direction of line feeds and the location of reclosing and switching devices.

Ensures that crew is aware of whether conductor is energized or de-energized; issues or receives clearance to energize or temporarily de-energize lines.

Maintains work area in a clean and orderly condition, including snow removal.

Assists inspecting completed work to ensure accordance with specifications and compliance with safety policies and procedures.

Operates various departmental equipment, machinery, vehicles and hand, power and electric tools necessary in the performance of duties and according to established guidelines. Operates large trucks, Bucket Truck, loaders, backhoe, and other vehicles as needed.

Loads, unloads, and hauls materials and equipment to and from job sites.

Responsible for maintaining a safe work environment in the performance of duties.

Ensures the proper maintenance of tools and equipment by cleaning and checking tools and equipment after use.

Performs preventative maintenance on assigned vehicles and equipment; refers defects or needed repairs to supervisor.

Assists the supervisor with the maintenance of the line supply inventory.

Prepares and maintains records indicating materials used, man hours and maintenance activities performed.

Receives citizen complaints and handles situation and/or refers individual to supervisor for resolution.

Establishes and maintains positive public relations with the general public, other employees, other governmental agencies, power companies and municipal officials.

Serves as Electrical Line Supervisor in his/her absence.

Performs duties as required.

QUALIFICATIONS

The following generally describes the knowledge and ability required to enter the job and/or be learned within a short period of time in order to successfully perform the assigned duties.

Knowledge of:

- Federal, state and local regulations, codes, standards and specifications pertaining to electric line construction, inspection, installation, maintenance and repair specifically related to NESC and ANSI C2.
- Techniques, methods and practices used in electric transmission and distribution including construction, inspection, installation, maintenance, repair and operational activities.
- Operation of heavy and light vehicles, machinery, equipment and tools pertaining to the construction, inspection, installation, maintenance and repair of an electric transmission and distribution system.
- First aid principles and the techniques of administering emergency medical aid including CPR and pole top resuscitation.
- Techniques used in emergency and evacuation procedures.
- Precautions necessary to work safely with and around electric distribution systems in order to promote a safe working environment.
- Geography of the city and the electric transmission and distribution system.
- Perform input and retrieval functions utilizing a variety of computer programs pertaining to the duties performed.
- City's responsibilities and ability to use independent judgement in the performance of duties.

Ability to:

- Analyze working conditions of equipment, and to detect flaws or defects in operation.
- React quickly and calmly in emergencies.
- Pole climb in all types of weather conditions.
- Work from a bucket truck, and in other precarious places.
- Accurately read and interpret line construction plans, technical sketches, blueprints and instructional manuals.
- Enforce ordinances and other regulations with firmness, tact and impartiality.
- Supervise and train employees as needed.
- Load and unload heavy equipment and tools.
- Accurately prepare and maintain various records, reports and other departmental documents.
- Maintain the confidentiality of reports and documents.
- Deal with the general public in a courteous and tactful manner.
- Perform job duties efficiently while managing frequent interruptions.
- Plan and organize a personal work schedule, set priorities and meet deadlines.
- Operate standard office equipment.
- Understand and follow both oral and written instructions.
- Communicate effectively, verbally and in writing, in English.
- Establish and maintain effective working relationships with the general public, other employees and municipal officials.

PHYSICAL DEMANDS AND WORKING ENVIRONMENT

The conditions herein are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential job functions.

Environment Work is generally performed outdoors and requires a considerable amount of physical activity including walking, standing, kneeling, bending, crouching, reaching, stooping and climbing. The incumbent must have the ability to transport themselves to and from various locations throughout the electric transmission and distribution system. Duties require the ability to tolerate an indoor and work environment which includes contact with dirt, dust, chemicals, cleaning solvents, bacteria, noise and inclement weather conditions.

Physical An incumbent must have the ability to lift up to 50 lbs. on a regular basis and must possess the coordination and manual dexterity necessary to climb poles, operate hand and power tools and equipment utilized in the upkeep, repair and maintenance tasks. Must also possess the ability to lift, carry, push and pull heavy equipment and tools. Work hours may occasionally be required in times of darkness. Vision abilities required include close vision, distance vision, color vision, depth perception, and the ability to adjust focus. The employee occasionally works near moving mechanical parts, in precarious places and is occasionally exposed to fumes or airborne particles, toxic chemicals, risk of electrical shock, and vibration. The noise level may be moderate to intense depending on activity performed.

EDUCATION AND EXPERIENCE

Any combination of education and experience that would likely provide the required knowledge and ability is qualifying. A typical way to obtain the knowledge and abilities would be:

Education/Training

Graduation from high school or GED equivalent.

Have two (2) years' experience on system and three (3) years working as a Second Class Lineman or an equivalent combination of education, training and experience. Must have completed all 4 years of the Merchant Program

Additional Requirements

Ability to report to the work site within a 15-minute response time, in normal weather conditions.

Possess a CPR and pole top resuscitation.

Must possess a valid driver's license and a CDL.

Regular Full-Time Grade L

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