

JOB DESCRIPTION

CITY OF NIXA
Electric Department

Pay Grade: 8
FLSA Status: Non-Exempt

Job Title: Electrical Lineworker

Definition: Under general supervision of the Electric Superintendent or designee, performs a variety of skilled, journey level line work in the construction, installation, maintenance, and repair activities of overhead and underground transmission, distribution, and service lines for the City of Nixa, MO.

Tasks and Duties:

Perform a variety of journey level line worker activities, including examples such as: installing high voltage connectors, switches, lightning arrestors, street lights, poles, and transformers and all other related appurtenances; replace broken insulators, splice broken lines, construct and wire substations, pull lines, and test high voltage circuits/systems.

Perform construction or maintenance work on both energized and de-energized overhead and underground electrical distribution systems and overhead transmission systems with ranges from 120 to 69,000 volts.

Troubleshoot energized transmission, distribution, and/or service lines to determine nature of problem(s) and determine appropriate corrective actions.

Diagnose electrical faults.

Perform manual switching and other mechanical duties to transfer load between substations to facilitate routine maintenance and emergency repair activities; patrol and inspect substations, transmission/distribution lines and related equipment locations to ensure system is functioning safely and properly.

Respond to trouble and emergency calls and performs necessary maintenance. Effectively respond to and resolves customer concerns and problems.

May trim trees to ensure the operating integrity of the overhead system.

Assist with many aspects of operations and maintenance of SCADA system.

Perform power quality and load checks on the system.

Install and maintains street lighting system.

Operate aerial bucket truck, digger truck and various other machinery and other equipment such as; pole climbing equipment, wire cutters, heat sensors, testing equipment, hot sticks, clamp sticks, generators, line tracer and various other hand tools that pertain to this position.

ELECTRICAL LINEWORKER (cont.)

Climb electric poles to reach locations necessary to perform needed installations, maintenance, or repair work; set barricades, signs, flashers and other safety equipment as needed.

Hook up permanent electrical services for City's commercial and residential facilities; maintain various seasonal electrical displays and other City facility electrical equipment.

Assist in the instruction and training of apprentices in all phases of overhead and underground work.

Perform work in accordance with all company safety code and regulations.

Keep inventory, time and material records as assigned; stock service and other vehicles as required. Maintain a clean and safe work environment and equipment and recognizes unsafe working conditions.

Effectively perform as a member of a team in carrying out the City's organizational development plan philosophy.

Perform other tasks and duties assigned.

The duties listed above are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position or a necessary assignment by the department superintendent.

Minimum Qualifications:

Knowledge of the theory and principles of electricity.

Knowledge of the practices and techniques of electric utility overhead/underground transmission, distribution, and service line installation, maintenance and repair.

Knowledge of the established safety standards and industry guidelines/regulations for the tools, equipment, and materials used in the installation, maintenance, and repair of overhead/underground transmission, distribution, and service lines and associated equipment.

Knowledge of occupational hazards and safe work practices.

Skill in establishing and maintaining effective working relationships with contractors, engineers, other City employees/officials, and the public.

Skill in troubleshooting/determining probable causes of service outages and corrective actions necessary to restore services.

Skill in performing journey level installation, maintenance, and repair work on high voltage overhead/underground transmission, distribution, and service lines.

Skill in operating a variety of tools and equipment necessary for the installation maintenance, and repair of energized and de-energized overhead/underground transmission, distribution, and service lines.

ELECTRICAL LINEWORKER (cont.)

Ability to climb and work at various required heights without undue comfort.

Ability to make quick, accurate mathematical calculations; ability to work with other employees and the public; ability to make quick and effective decisions; ability to follow written and verbal instructions; ability to communicate effectively, both verbally and in writing.

Possess a High School diploma or G.E.D.

Possess valid certification for journey level electrical work or level of experience equivalent determined by the City.

Possess valid State of Missouri CDL-B driver's license at a level appropriate to the equipment operated.

Essential Functions:

Sight, hearing, speech, coordinated use of both arms, legs and hands at once, frequent lateral mobility, changing physical location, stooping, climbing, bending, pushing and pulling 100 pounds, and lifting 60 pounds 3 feet above head. Work indoors with heating and cooling regulated. May be exposed to extreme weather conditions, dust, and/or pollen. Mentally analyze a situation, solve problems and make decisions under pressure in area of responsibility.

This position description is a general guideline for work behavior and is not intended to be a comprehensive listing of all job duties. Therefore, it is also not, nor can it be implied to be, a contract of employment. The contents of this position description may be changed without notice, and employment may be terminated by either party, at will.

Employee Signature

Date

01/01/2016