



Job Description

Electrical Line worker

Pay Grade: 12

Employment Status: Full-Time

FLSA Status: Non-Exempt

Experience Required: Minimum two (2) years related experience.

Minimum Education Requirements: High School Diploma or G.E.D.

Direct Supervisor: Electric Superintendent or designee.

Supervisory Responsibility: No

Primary Work Location: Work sites within the City of Nixa jurisdiction.

Certification: Valid certification for journey level electrical work or level of experience equivalent determined by the City. Valid State of Missouri CDL-B driver's license at a level appropriate to the equipment operated.

Job Summary: 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.

Essential Job Functions

An employee in this position may be called upon to do any or all of the following essential duties:

- Perform a variety of journey level line worker activities, including installing high voltage connectors, switches, lightning arrestors, street lights, poles, and transformers and all other related equipment.
- 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.
- 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.



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- 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 the team in carrying out the City's organizational development plan philosophy.
- Perform other tasks and duties assigned.

Essential Functions, Qualifications, Knowledge, Skills, and Abilities (KSA's) for Employment

An employee in this class must have the following knowledge, skills, and abilities upon application:

Knowledge

- Occupational hazards and safe working practices.
- Theory and principles of electricity.
- Practices and techniques of electric utility overhead/underground transmission, distribution, and service line installation, maintenance and repair.
- 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.

Skills

- Good oral and written communications.
- Establishing and maintaining effective working relationships with other staff, and members of the public.
- Troubleshooting/determining probable causes of service outages and corrective actions necessary to restore services.
- Performing journey level installation, maintenance, and repair work on high voltage overhead/underground transmission, distribution, and service lines.
- 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.

Abilities

- Climb and work at various required heights without undue comfort.
- Make quick, accurate mathematical calculations.
- Make quick and effective decisions.
- Follow written and verbal instructions.
- Stooping, climbing, and bending.
- Pushing and pulling 100 pounds; lifting 60 pounds above head.
- May be exposed to extreme weather conditions, dust, and pollen.



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- Mentally analyze a situation, solve problems, and make decisions under pressure in area of responsibility.
- Live within 30 minutes of the City of Nixa Public Works facility located at 1111 Kathryn Street for the purpose of getting power outages corrected in a timely manner.

**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.

Signatures / Date

Reasonable accommodations may be made to enable qualified individuals with disabilities to perform the essential functions of this job.

Check the appropriate box, fill in the needed accommodations, if required, then sign and date.

- I have read and understand this job description and acknowledge that I am able to complete the essential functions of my job without accommodations.
- I have read and understand this job description and I would require the following reasonable accommodations to fulfill the essential functions of this job:

Employee Signature

Date

Supervisor Signature

Date

Human Resources

Date