City of Forsyth

Job Description

JOB TITLE: Journeyman-Lineman

POSITION: 300-303

FLSA STATUS: Non-Exempt

REPORTS TO: Lead Lineman

# SUMMARY:

This position requires the incumbent to perform highly skilled work in the installation, maintenance, and repair of underground and overhead electric distribution and service lines, transformers, meters, metering equipment, and related electrical equipment and components. Work involves moderate physical exertion, heavy lifting, and frequent exposure to inclement weather. Position is subject to standby and call-out duty. Position is also subject to random drug and alcohol testing.

## QUALIFICATION REQUIREMENTS:

This position requires vast experience in the construction, maintenance and repair of electrical high voltage distribution lines both overhead and underground. To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform essential functions.

**ESSENTIAL DUTIES AND RESPONSIBILITIES:**

*The following duties are representative of the work required for this job. These are not to be construed as exclusive or all-inclusive. Other duties may be required and assigned.*

* Frequently works with energized high voltage systems requiring skill and care to protect the lives of themselves and others.
* Constructs new overhead and underground lines, setting poles, installing crossarms, stringing wire and placing equipment such as transformers, switches, cutouts, fuses, lightning arrestors and insulators.
* Installs & maintains low voltage electrical service and street light circuits up to 600volts
* Maintains high-voltage lines, connectors, transformers, switches, equipment, cables, various service lines, power poles, meters, and metering devices.
* Performs maintenance and repair to street lighting fixtures, recreational floodlight poles and buildings; replaces broken lamps, bulbs, reflectors, transformers, and fixtures; resets multiple breakers, tightens connectors, replaces wiring.
* Troubleshoots issues on primary(high voltage) and secondary(low voltage) systems.
* Operates various types of equipment including but not limited to boom and bucket trucks, cranes, trenchers , excavators and various power-driven machinery and equipment
* Operates switches, fuses, station breakers, reclosers, gang switches and related equipment.
* Establishes and maintains electric line clearances with other utilities.
* Uses the appropriate safety procedures and equipment associated with working on live high-voltage electrical lines and equipment in the range of 600volts to 12470volts. Knowledge of proper testing, inspection and storage of rubber high voltage protective equipment.
* Must be proficient in use and care of specialized industry equipment such as phasing meters, volt meters both high and low voltage, hydraulic crimping tools, wire cutters, fault detection and line locating equipment, etc
* Able to supervise in the crew leaders absence
* Completes all required safety training and training in new equipment, procedures and techniques of the industry.
* Climbs poles inaccessible by bucket truck to install and repair electrical power lines & equipment.
* Reads and interprets construction plans and schematics related to the installation of electrical power distribution lines.
* Keeps power lines free of obstructions, i.e. trimming trees away from power lines.
* Flags traffic according to DOT regulations.
* Assists in the training and instruction of lower level crew members in the techniques and procedures of the trade
* Must be able to work at heights and in confined spaces

## KNOWLEDGE, SKILLS AND ABILITIES:

The Lineman must be knowledgeable of the following principles, procedures, and concepts:

* Knowledge of the methods, materials, and equipment used in the Line work trade.
* Knowledge of electrical theory and practices.
* Knowledge of the occupational hazards and safety precautions of the trade.
* Skill in the use of tools and equipment commonly used in the Lineman trade.
* Ability to withstand exposure to natural elements such as water, snow, wind, cold, and hot weather.
* Ability to perform the physical demands of the position.

## Ability to establish and maintain effective working relationships with supervisors, co-workers, other City employees, and the general public.

* Ability to understand and follow verbal and written instructions.
* Ability to communicate both verbally and in written form.

## MINIMUM TRAINING AND/OR EXPERIENCE TO PERFORM ESSENTIAL JOB FUNCTIONS:

The Lineman should possess, at a minimum, a valid high school diploma or GED equivalent, plus five years of related work experience as a journeyman-level Lineman, or any combination of education, training, or relevant work experience equivalent to completion of a Lineman apprenticeship program sufficient to equip the incumbent with requisite skills for the job.

**NECESSARY SPECIAL REQUIREMENTS:**

* Possession of a valid Commercial Driver’s License.
* Possession of a valid Commercial Driver’s License of the appropriate class.
* I.T.S certification
* First aid & CPR certification
* DOT flagging certification

**SUPERVISORY CONTROL AND RESPONSIBILITIES:**

Apprentice lineman

**TRAVEL:**

The Lineman is required to travel to various job sites in the local area. And travel long distances to render aid to other electrical providers in need.

*(ADA) MINIMUM QUALIFICATIONS OR STANDARDS REQUIRED TO PERFORM ESSENTIAL JOB FUNCTIONS*

LANGUAGE SKILLS:

Ability to read and understand written materials. Ability to effectively communicate information to supervisors, co-workers, and the general public.

MATHEMATICAL SKILLS:

Ability to work with basic mathematical concepts such as addition, subtraction, multiplication, and division.

COMMUNICATION SKILLS:

Must be able to effectively communicate orally and in written form in a professional manner in order to give or exchange information, resolve problems, and/or provide service.

REASONING ABILITY:

Ability to interpret and understand a variety of forms, reports, manuals, regulations, and other means of instruction and guidance.

PHYSICAL DEMANDS:

The physical demands described here 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 functions. While performing the duties of this job, the employee is regularly required to operate boom and bucket trucks, power-driven machinery such as hydraulic compression pumps, chain saws, jackhammers, and common hand tools used to repair and maintain overhead and underground power lines. Employee is required to perform work at heights greater than ten feet (in bucket or platform trucks) when installing equipment or connectors. Also, employee climbs ladders and poles and trims trees around energized electrical power lines. Employee must be able to bend, stoop, and lift and move objects weighing up to one hundred pounds.

WORK ENVIRONMENT:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The work environment is primarily outdoors including working in a variety of inclement weather conditions. Conditions also involve working around hazardous high-voltage energized lines and equipment.