

City of Waterloo  
Job Description – Apprentice Lineman

Job Title: Apprentice Lineman  
Department/Union: Electric – IBEW Local 309  
Reports To: Electric Foreman/Lead  
Status: Full-Time  
FLSA Status: Non-exempt

**SUMMARY:**

Assists Linemen crews in the installation, testing, maintenance, and repair of electrical distribution service lines (underground/aerial lines), aerial/ground transformers, poles and street lights. Removes/trims trees for clearance; maintains equipment, buildings and grounds.

**ESSENTIAL DUTIES AND RESPONSIBILITIES**

Assists Linemen in repairing and installing underground/aerial primary and secondary electrical service lines, transformers, street lights, and other related parts. Assists in the transfer of new lines into service and new construction of lines. Required to complete the IBEW-Local 309 four-year apprentice program.

Assists in replacing old and installing new utility poles; installs and aligns poles, cross-arms and related hardware.

Assists Linemen in the preparation of the work site, equipment and materials needed for project/repairs; assists in locating existing utility lines and source of repair.

Assists in utilizing appropriate safety equipment and learning safety precaution to avoid electrocution and injury of employees and citizens.

Performs grounds helper duties and operated light to heavy equipment.

Assists with trimming and removing trees and brush prior to new construction, repairs, emergencies, maintenance, etc.

Willingness to respond to emergencies twenty-four (24) hours a day seven (7) days a week and participate in standby rotation.

Performs other duties and responsibilities as required or assigned.

**QUALIFICATIONS**

Must be able to use a digger/bucket truck, trenching machine, fork truck, voltmeter, transformer tester, locate machine, hydraulic hand tools, and assorted tools on a daily basis. Must be able to use a boring machine and chainsaw on a weekly basis. Must be able to use a fault indicator (thumper), fault/radar unit, power quality recorder and bench meter tester on a monthly basis.

**EDUCATION and/or EXPERIENCE**

High school diploma or equivalent, additional vocational electrical training. Zero to six months related work experience.

## **LANGUAGE, CUSTOMER SERVICE & ORGANIZATION SKILLS**

Skills: Effective interpersonal and communication skills for interaction with elected and appointed officials, co-workers, agencies, and other governmental units, and the public.

Ability to understand and follow oral and written instructions and prepare written records and reports.

## **MATHEMATICAL SKILLS**

## **REASONING ABILITY**

## **CERTIFICATES, LICENSES, REGISTRATIONS**

- CDL-Class A combination with Airbrakes license
- First Aid Certification and CPR
- This position falls under the mandatory drug testing program

## **PHYSICAL DEMANDS**

Ability to operate tools, light to heavy equipment in performing duties. Ability to climb utility poles and perform related tasks.

Position requires prolonged standing, walking, sitting, kneeling, reaching, pushing, feeling, twisting, bending, turning, and grasping; occasional balancing and stooping or crouching; climbing and crawling in the performance of daily activities. Additionally, the position requires extremely demanding attention as well as near far, depth and color vision, accommodation and field of vision in reading reports, reviewing plans and blueprints, and using the computer.

Must be able to lift and/or carry up to 80 pounds of material occasionally, push and or pull up to 75 lbs of force. Must be able to move materials by hand, hand truck, forklift, and crane hoist continuously, and by tow motor rarely.

Must be able to lift objects from the floor to a height of six feet.

## **WORK ENVIRONMENT**

Employee is subjected to both inside and outside conditions, and will respond to emergency power outages in both day and night conditions. Employee will also be subjected to extreme cold, noise, vibration, and hazards which may include a variety of physical conditions, such as proximity to moving mechanical parts, electrical current, working on scaffolding and high places, exposure to high heat or exposure to chemicals.

Employee is exposed to oils as follows: there is air and skin exposure to oils and other cutting fluids.

This description is intended to indicate the kinds of tasks and levels of difficulty that will be required of positions that will be given this title and shall not be construed as declaring what the specific duties and responsibilities of any particular position shall be. It is not intended to limit or in any way modify the right of any supervisor to assist, direct and control the work of employees under his/her supervision. The use of a particular expression or illustration describing the duties shall not be held to exclude other duties not mentioned that are of similar kind or level of difficulty.