

## LINEWORKER

Code No: 4-09-061

NON-COMPETITIVE

DISTINGUISHING FEATURES OF THE CLASS: This is a technical work in the erection, installation and maintenance of overhead and underground electric power distribution lines and rebuilding and maintenance of substations, underground vaults and related equipment. The work requires climbing poles and towers under all kinds of weather conditions and rigid observances of safety precautions to prevent personal injuries. Work is performed under general supervision of a Senior Lineworker or other supervisor. Depending on the length of service and skill level of the incumbent the work may be inspected while in progress or upon completion. Supervision may be exercised over the work of helpers. Does related work as required.

TYPICAL WORK ACTIVITIES (All not be performed in a given position. Other related activities may be performed although not listed.):

Digs holes, sets, frames and guys poles for electric power distribution wires and cables;

Performs transmission and distribution switching;

Strings electric power lines on poles and through underground conduits;

Erects crossarms and installs transformers, cutouts, switches and other equipment on power poles and racks;

Does phasing and phase rotation on poly phase circuits;

Installs, removes, connects and disconnects electric services and single phase meters;

Repairs damage done by storms to electric distribution lines and related equipment;

Uses live line tools and safety equipment to work on energized lines;

Installs and maintains street and traffic lighting fixtures;

Tests for and locates electrical faults such as grounds, poor contacts or open circuits and takes corrective action to restore service;

Installs cutouts, fuses, lights, arresters, insulators and transformers;

Maintains fire alarm systems;

Performs maintenance work connected with other municipal public works activities when not working as a Lineman;

Drives a truck in performance of duties as necessary.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL**

**CHARACTERISTICS:** Good knowledge of theory and principles of electricity and electrical distribution systems as they relate to duties; good knowledge of standard safety measures and uses in handling high voltage electrical circuits; good knowledge of first aid methods, including resuscitation methods; skill in the use of tools and equipment of the trade; working knowledge of OHMS Law; ability to follow oral and written instructions; ability to climb poles and towers; willingness to work under all weather conditions and report for emergencies; ability to diagnose electrical distribution and substation trouble and take necessary corrective action; steady nerves; ability to read and interpret construction drawings, specifications and wiring diagrams; good hand, motor and eye coordination; dependability; resourcefulness; physical strength and stamina to perform arduous manual labor; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Graduation from high school or possession of a high school equivalency diploma.

**NOTE:** Where education is lacking, experience as a skilled workman in one or more of the electrical mechanical or construction trades may be substituted on a year-for-year basis.

**SPECIAL REQUIREMENTS:**

Possession of a Class \*5 New York State drivers license at time of appointment.

Satisfactory completion of a certified CPR course and attendance at the utility's Safety Committee presentations during the first year of employment.

**SPECIAL REQUIREMENT FOR APPOINTMENT IN SCHOOL DISTRICTS AND BOCES**

Per Chapter 180 of the Laws of 2000, and by Regulations of the Commissioner of Education, to be employed in a position designated by a school district or BOCES as involving direct contact with students, a clearance for employment from the State Education Department is required.

FORMERLY: Lineman

REVISED: February 27, 1986