

## **LINEWORKER APPRENTICE**

**DISTINGUISHING FEATURES OF THE CLASS:** This is an apprenticeship position in which the incumbent works towards achieving certification as a Lineworker through a four-year apprenticeship program. The incumbent learns to perform electrical work consisting of the erection, installation and maintenance of all overhead and underground electrical power distribution lines. The work requires climbing of poles in all kinds of weather conditions and the rigid observance of safety precautions to prevent injury to oneself, co-workers and bystanders. The position is subject to call-in work for emergencies. The work is performed under the direct supervision of the Line Supervisor and Assistant Line Supervisor, and occasionally under the direction of Lineworkers. The work is reviewed while in process as well as checked upon completion. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Learns to and performs the following:

Strings electric power lines on poles and through underground conduits;

Installs crossarms and erects transformers on power lines;

Repairs electric distribution lines damaged by storms;

Trims and prunes trees in the path of distribution cables;

Installs and maintains street lighting fixtures;

Runs service lines from transformers on poles to consumer's buildings;

Installs cut outs, fuses, arresters and insulators;

Reads, removes and sets meters.

### **FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Good knowledge of the theory and principles of electricity, electrical distribution systems, insulation and transformer hook-ups;

Good knowledge of standard safety measures, devices and precautions in the handling of high voltage electrical circuits up to 15 kV;

Skill in the use of the tools and equipment of the trade;

Ability to follow oral and written instructions;

Ability to climb poles and towers;

Ability to perform arduous manual labor;

Ability to withstand adverse weather conditions;

Ability to follow safety procedures to prevent personal injuries;

Ability to safely drive and operate trucks, vehicles or other equipment necessary.

**MINIMUM QUALIFICATIONS:**

- A) Graduation from a regionally accredited or New York State registered college or university with an Associates Degree or higher in Electrical Technology or closely related field; OR
- B) Graduation from a vocational or trade school with a certificate in electrical technology or electrical line work; OR
- C) Graduation from high school or possession of an equivalency diploma and either:
  - 1) One year of experience in line construction and maintenance; OR
  - 2) Two years of experience in the installation of electrical utility equipment, including installation of transformers and meters; OR
  - 3) A Licensed Electrician; OR
- D) An equivalent combination of training and experience as indicated between the limits of A) and B) above.

SPECIAL REQUIREMENT AT TIME OF APPOINTMENT: Possession of the appropriate level Motor Vehicle Operator's License.

NOTE: An appointee who satisfactorily completes four years of permanent competitive class service as a Lineworker Apprentice will be advanced to the position of Lineworker without further examination.

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COMPETITIVE