

ELECTRIC LINE WORKER, THIRD CLASS

GENERAL DEFINITION

This is basic electrical utility line work. Duties involve installing, maintaining, testing and removing electrical equipment.

Assignments are stable in nature and are carried out with full supervision consistent with instructions and existing policies, practices and procedures. Duties involve exposure to the elements and potential danger.

SUPERVISION RECEIVED

Work is supervised by an administrative and technical superior.

SUPERVISION EXERCISED

No direct supervision exercised.

KEY JOB RESPONSIBILITIES (Illustrative Only)

Installs and removes poles and street line bases; installs guying pole anchors.

Frames poles, installs and removes transformers and replaces pole attachments on de-energized poles.

Lays pipe, runs wires and installs underground electric service; assures electricity is grounded.

Installs wires and maintains street and ball field lights.

Assists in troubleshooting secondary line electric problems; diagnoses cause, traces source by checking meters and transformers, and takes corrective action with supervision.

Installs and replaces electric wires on a maintenance basis and to upgrade capacity with supervision.

Tests electric load and voltage with supervision.

Installs, connects, disconnects and removes electric services and equipment.

Supports a higher level Electric Line Worker work on secondary voltage circuits.

Chips brush, trims trees and collects limbs.

Operates and maintains various trucks, with and without attachments; uses meters, hand and power tools; performs manual labor duties.

Assures safety precautions are followed in all work performed.

Performs related work as required.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

Some knowledge of electricity principles and practices.

Know basic rigging and knot tying.

Ability to read meters.

Ability to operate all equipment safely.

Ability to identify materials that are used daily.

Some knowledge of high voltage electricity occupational hazards and related safety precautions.

Some knowledge of high voltage electricity tools and materials.

Some knowledge of electric utility facilities.

Skill in the safe operation of tools and equipment in high voltage electric work.

Some ability to locate defects in and to install, repair, connect and modify electric system equipment.

Ability to work at heights.

Ability to climb poles and perform pole maintenance when needed.

Ability to physically and mentally perform all essential job functions.

Ability to establish and maintain effective work relations with associates and the general public.

PHYSICAL REQUIREMENTS

Ability to sit for up to 4-8 hours, stand for up to 2-8 hours, walk for up to 2-8 hours and drive for up to 1-2 hours per work day.

Ability to bend, stoop, climb, crouch, lift, push/pull and reach above the shoulder up to 35% of the workday.

Ability to lift and carry files, tools and equipment up to 50 pounds up to 10% of the workday.

Ability to use both the right and left hand for repetitive actions and firm grasping of tools, and equipment.

Ability to drive automobile.

Ability to climb poles.

Ability to climb ladders in performance of inspection functions; ability to work off of ladders along with doing inspection functions, example: making secondary connections on houses where a bucket truck does not have access.

Ability to be exposed to dust, fumes, gases and noise when performing functions with proper safety equipment.

JOB LOCATION (Places where work is performed)

Borough buildings and areas inside and outside the Borough.

EQUIPMENT (Examples of machines, devices, tools, etc., used in job performance):

Borough or personal vehicle, two-way radio, cellular phone.

EDUCATION AND EXPERIENCE

Education equivalent to completion of the twelfth grade.

Willingness to attend basic hotline school and intermediate gloving school.

One year of general electrical experience which included a sound background in electrical theory or one year as an electric line worker including pole work, rigging and work with secondary lines.

Or any equivalent combination of acceptable education and experience.

LICENSE

Possession of a valid Pennsylvania commercial driver's license class B with general knowledge of air brakes endorsement.

Approved:_____ Date:_____

Pennsylvania Economy League

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