

ELECTRIC LINE WORKER, FIRST CLASS

GENERAL DEFINITION

This is skilled electrical utility line work. Duties involve installing, maintaining, testing and removing electrical equipment at all voltage levels.

Assignments are stable in nature and are carried out with independence consistent with instructions and existing policies, practices and procedures. Duties involve exposure to the elements and potential danger and on-call availability.

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; sets up rigging; installs guying pole anchors.

Frames poles, installs and removes transformers and replaces pole attachments.

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

Installs, wires and maintains street lights.

Troubleshoots any line problems; diagnoses causes, traces source and takes corrective action.

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

Sectionalizes lines to limit power disruptions and, as needed, switches circuits.

Tests electric load and voltage.

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

Performs needed inside electrical work.

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.

Keeps current on safety training; assure safety precautions are followed in all work performed.

Performs related work as required.

REQUIRED KNOWLEDGE, SKILLS AND ABILITIES

Considerable knowledge of electricity principles and practices.

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

Considerable knowledge of high voltage electricity tools and materials.

Knowledge of the borough electric utility system and facilities.

Knowledge of local geography.

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

Skill in reading and interpreting circuit maps, schematics and technical materials.

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, other borough employees 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.

Three years experience as an electric line worker working on utility equipment including pole, rigging and secondary lines work.

Must have attended basic lineman climbing school, basic hotline school, intermediate and advanced gloving school, basic metering school, and underground training school.

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:_____