

JOURNEY LINE TECHNICIAN

1. INTRODUCTION

The purpose of the job is to assist in the construction, maintenance and troubleshooting of electric underground/overhead utility power lines; with an emphasis on underground power lines. Work is performed according to REA specifications and procedures and according to REA and OSHA regulations.

2. ESSENTIAL FUNCTIONS

- (a) Works all types of energized underground/overhead primary & secondary conductors/voltages safely without direct supervision.
- (b) Operates hydraulic equipment such as the aerial, digger, backhoe and trencher. Assures proper depth of trenches. Ability to use locator for finding primary and secondary lines.
- (c) Installs and operates line devices and equipment such as pad-mounted switchgear, sectionalizing cabinets, 3 phase pad-mounted transformers and fused switches. Installs 3 phase transformer banks and makes connections.
- (d) Participates in emergency maintenance as needed on both underground/overhead lines. Becomes thoroughly familiar with underground cable feeds and circuits, switches feeds when necessary. Inspects jobs being built by underground contractor crews.
- (e) Performs trouble shooting, switching and sectionalizing without direct supervision on underground/overhead systems. Locates and repairs underground primary cable & secondary faults.
- (f) Studies and becomes familiar with the use of all hot line tools and equipment that are required for underground/overhead distribution.
- (g) Operates all equipment and vehicles in a safe manner and observes all safety regulations; looks out for the safety of self and others; immediately reports all accidents to the supervisor.
- (h) Ensures that work orders are completed in a timely manner.
- (i) Reads and interprets blueprints and work orders.
- (j) Installs and disconnects meters, and reads and records data, as required.
- (k) Is required to be in the districts on-call rotation as directed by the district's director of operations. Will assist in restoring electric service while on-call and as needed when not on-call, including nights, weekend and holidays.
- (l) Assist in training of Apprentice Line technicians.
- (m) Prepare Daily Time Sheets, Equipment Use Reports, Expense Reports, Work Order Tickets, Meter Readings, read system maps.
- (n) Handle customer relations.

3. NON-ESSENTIAL FUNCTIONS:

- (a) May trim trees and brush prior to new construction, during repair of damaged lines, or as part of routine maintenance.
- (b) Performs other duties as assigned.

4. QUALIFICATION REQUIREMENTS

- (a) Must have a minimum of five (5) years progressively responsible experience in the construction and maintenance of electrical distribution underground/overhead power lines, sub-transmission lines, installation of meters, transformers, voltage regulators, capacitors, sectionalizers, and oil circuit reclosers. Must be knowledgeable of underground conductor types, sizes and ratings. Must be able to troubleshoot, find and correct problems.

- (b) Must have a sound knowledge of REA construction specifications, National Electric Safety Code, and OSHA rules and regulations. Must have sound knowledge of proper and safe use of tools and equipment used in line construction maintenance, both energized and de-energized. Should have a thorough knowledge of first-aid, pole top resuscitation and CPR. Must possess a Class A commercial driver's license.

- (c) Must display a positive attitude, strong work ethic and have very good communication skills. Must have good computing skills as the district utilizes a host of computer applications to conduct daily business.

5. PHYSICAL DEMANDS

Lift up to 100 lbs. with frequent lifting and/or Carrying of Objects weighing up to 50 lbs. Must be able to climb ladders, poles, etc., using the feet and legs and/or hands and arms. Must have a good sense of balance. Must be able to Stoop, kneel, crouch, or crawl. Must have dexterity in reaching, handling, fingering, and/or feeling. Must be able to speak clearly and concisely and to communicate danger and problems in an expedient manner so that others can hear and understand. Must be able to hear.

6. SUPERVISORY CONTROLS

Works under the supervision of the **Underground** Line Foreman. Works closely with other linemen and apprentice to carry out the duties and responsibilities of this position.

7. CONTACTS

Contacts are with the Supervisor, other CPPD employees, members, general public and other utility personnel. Contacts are made to exchange information; to ensure that assigned duties are completed accurately and timely; to provide, advice, assistance and information; and, maintain friendly, cooperative relationships.

8. WORK ENVIRONMENT

Work is performed outside in all types of weather conditions. The incumbent will work in situations in which the individual is exposed to the risk of bodily injury.