

Distribution Underground ~~Cable Technician (LA-1)~~ Line Apprentice 1

Job Description

This position supports the operations process in providing and maintaining service to new and existing customers by maintaining a working knowledge of computer systems, tools, equipment, and material necessary to install, maintain and repair the vault and manhole underground distribution system. The position should be familiar with the day-to-day operations and specifications of the vault and manhole distribution system. This position may be required to be on-call on a routine basis but must be available to work all hours as needed, day or night, weekends or holidays, to perform work required during planned outages or emergency situations. The position must perform all duties in a safe manner and adhere to all Company safety rules and procedures. Technicians in this job description generally do not perform work on the overhead distribution system and are limited to the vault and manhole electric system.

A. DUTIES:

Under directive supervision in the field or shop, on a day or fixed schedule, assists employees of higher classification in the installation, construction, replacement and maintenance of the underground cable distribution system; performs such duties as:

1. Assisting cable splicers by performing as manhole attendant, lowering tools and materials into manholes.
2. Testing and preparing confined spaces for entry.
3. Preparing materials for use in manholes and vaults.
4. Rigging block and tackle or handling skids for pulling in and removing cable, and handling cable reels. Also operating cable reel trailer and cable puller.
5. Qualified to perform confined space rescue.
6. Using hand or power operated tools and handling materials in close proximity to energized cables and equipment.
7. Assisting in the cleanup and disposal of hazardous materials in accordance with Company and governmental guidelines; using appropriate personal protective equipment.
8. Doing work when necessary from a ladder, or platform.
9. Doing work of a higher classification when preparing for advancement to a higher grade.

10. Performing other similar or less skilled work, as assigned.

B. QUALIFICATIONS:

1. Must demonstrate the ability to work in confined areas.
2. Must have a general knowledge of cable practices, fittings, and materials used.
3. Must have a general knowledge and aptitudes for the use of tools and equipment.
4. Must possess the necessary driver's licenses.
5. Must pass examination into grade of Distribution Underground Line Apprentice 1 including:
 - a. Read rules and perform additions and subtractions.
 - b. Working knowledge of duties of the Cable Helper.
 - c. Safety rules and practices.

Work Environment

- o Shift Work, Overtime, Weekend Work, 24/7 Operations
- o Frequent travel
- o Work environment ranges from indoors to outside in varying degrees of heat and cold weather conditions
- o Emergency situations may require working at night and in inclement weather
- o Subject to confined spaces, (manholes, vaults, etc.)
- o Subject to periodic call-out duty and subject to second and third shift schedules

Basic Qualifications

- o High school diploma or general education degree (GED), or equivalent combination of directly related education and/or experience.
- o Valid driver's license
- o Possess or have the ability to obtain a Class A CDL within 1 year of employment
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Specific Requirements

- o DOT Certification
- o DOT Physical
- o Respirator Clearance

- This position contains a weight restriction of 275 pounds as an essential function of the job. The purpose of this restriction is to ensure that all weight rated equipment is used in an appropriate and safe manner within maximum allowed weight loading.
- Work schedule requires working various shifts as business needs arise
- Position has on-call responsibilities as scheduled and generally available at other times as needed, demonstrate the ability to work independently, and to work all hours as needed, day or night, weekends or holidays, and in all weather conditions to perform work required during planned and emergency outages
- Requires ability to travel and stay overnight to various locations and work extended hours to assist in major storm restoration
- Must reside within 30 road miles of assigned Operations Center. Relocation is at the expense of the applicant.

Distribution Underground Line Apprentice 2

Job Description

This position supports the operations process in providing and maintaining service to new and existing customers by maintaining a working knowledge of computer systems, tools, equipment, and material necessary to install, maintain and repair the underground vault and manhole distribution system. The position should be familiar with the day-to-day operations and specifications of the vault and manhole distribution system. This position may be required to be on-call on a routine basis but must be available to work all hours as needed, day or night, weekends or holidays, to perform work required during planned outages or emergency situations. The position must perform all duties in a safe manner and adhere to all Company safety rules and procedures. Technicians in this job description generally do not perform work on the overhead distribution system and are limited to the vault and manhole electric system.

Job Duties

Under general directive supervision in the field or shop, on a day or fixed shift schedule, performs electrical construction, maintenance, or repair work on the less complex underground circuits when they are deenergized and grounded. Performs such work on underground cables and equipment when energized not to exceed 300 volts to ground; operates truck used for construction and maintenance crew; works with a helper or others in completing work assignments; performs such duties as:

- Making simple splice joints on underground cables.
- Installing and replacing primary and secondary cables.
- Installing and replacing conduit of all classes.
- Operating padmount and submersible switches
- Installing, replacing, repairing and splicing street lighting cables and equipment when deenergized regardless of voltage rating.
- Locating grounds and opens on street lighting circuits when deenergized.
- Locating faults and clearing trouble on low voltage cables when energized.
- Installing, removing and replacing street lighting and traffic control standards and bases.
- Driving a truck used by crews on underground distribution work. Preparing and maintaining records and logs as required.
- Being responsible for the proper care of tools, materials and equipment carried on the truck and keeping the truck supplied with required stock of material.
- Operating equipment such as wire stringing rigs, trenchers, plows and similar equipment for installation of overhead and underground lines on an irregular basis.
- Operating mechanical equipment in the yard and storage areas, including lift truck, hoist and yard crane.
- Placing and removing socket type meters.

- Maintaining truck and other equipment in good operating condition Apply's "good housekeeping" practices and reporting any need for major repairs or adjustments.
- Laying out the work area, testing for gas, and installing warning signs and equipment.
- Using the mobile radio communication system to receive and transmit work related messages and information.
- Performing any of the duties of a Distribution Underground Cable Technician Helper
- Instructing personnel in lower job classifications in their work and on standard practices and procedures as assigned.
- Performing other similar or less skilled work, as assigned.

Basic Qualifications

- High school diploma or general education degree (GED), or equivalent combination of directly related education and/or experience.
- Valid driver's license
- Minimum 1 years of Distribution underground maintenance or construction experience or equivalent job-related and educational experience.
- Must have at least 12 months' experience in either network systems, vaults, etc. Working knowledge of the construction, maintenance practices, and specifications for the more complex features of high voltage cable system.
- Successfully completed Distribution Underground Line Apprentice 1 training.
- Must have had at least six (6) months' experience as a Distribution Underground Line Apprentice 1, or the equivalent and recommendation for promotion from supervision.
- Must be able to read and interpret specification drawings and work procedures.
- Must be capable of directing the work of an assistant, as required.
- Must possess the necessary valid driver's licenses.
- Must pass the examination for entrance into the grade of a Distribution Underground Line Apprentice 2, including questions or problems on the following:
 - Working knowledge of the construction, maintenance practices, and specifications for low voltage cable systems.
 - Working knowledge of the construction, maintenance practices, and specifications for street lighting systems.
 - General understanding of the operating principles of low voltage underground circuits.
 - Demonstration of the necessary skill in building up the required amounts of insulation and wiping lead joints on the complex types of cables.
 - Understanding of the Traffic Safety Code, and a working knowledge of street and highway locations.
 - Sufficient knowledge of the crew's work operations for proper operations of the winch, hydraulic boom and other auxiliaries in an efficient and safe manner.
- Knowledge of Company safety practices and procedures.
- Regularly used material items, and standards work operations.
- Must have a good general knowledge of construction practices of contractors and other utilities.
- Must have the necessary tact and ability to deal with employees, contractors and customers.

- Must be capable of conducting the work of a crew for which he/she is responsible in a manner that will properly safeguard the public, all employees, and the property of both the Company and the customer.

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Work Environment

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