

Powerline Journeyman- 2644

GENERAL DEFINITION AND CONDITIONS OF WORK:

Performs highly skilled journey-level transmission, distribution, and electrical work in the installation, construction, maintenance, and repair of underground and overhead electric transmission, distribution and service lines, transformers, meters, metering equipment, electrical substations, and related equipment. Work is performed under regular supervision.

While performing the duties of this job, the employee is regularly required to stand; walk; use hands to finger, handle, or feel; reach with hands and arms; and talk and hear. Frequently the employee is required to sit; climb or balance on electric poles; stoop, kneel, crouch or crawl. The employee must occasionally be able to lift and/or move up to 100 pounds. Vision requirements are close vision, distance vision, color vision, peripheral vision, depth perception, and ability to focus. The worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, hazards, and oils.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Performs a variety of highly skilled journeyman level duties in the construction, maintaining and repairing of overhead and underground electric distribution lines and related facilities; operating equipment.

Performs a variety of duties requiring the skill of Powerline Technician III level and experience in the construction of new electric power lines and in the maintenance and repair of existing facilities.

Performs calculation and installation of transformers, fuse cutouts, capacitors, meters, metering equipment and service installation.

Supervises and participates in maintenance of substation, street lights, traffic signals, care of materials, tools and equipment.

Installs personal protected grounds at any given location on a distribution system.

Supervise and participates in the making of voltage and amperage tests and in the adjustment and replacement of transformers to regulate power to points of use.

Locate/repair damaged URD cable (primary & secondary)

Replace damaged hardware on overhead primary system.

Supervises and participates in loading and unloading line truck and bucket truck and operating trucks.

Instructs and trains new employees in the proper performance of duties.

Installs group operated switches and single and three-phase reclosures.

Write and carry out any switching assignment on a URD/overhead system and substation.

Install and remove meters; read meters if needed;

Programming meters;

Trims trees; erects banners and decorations;

Assists with a variety of emergency problems;

Responds to emergencies when required; subject to call-back;

Maintains reasonable and predictable attendance;

Performs related tasks as required.

KNOWLEDGE, SKILLS, AND ABILITIES:

Thorough knowledge of the methods, materials, and tools used in line construction and maintenance work; through knowledge of the occupational hazards and safety precautions of the trade; through knowledge of the principles of electrical theory as applied to electrical circuits and wiring systems; knowledge of first aid and CPR; knowledge of all safety rules as stated in the adopted safety manual. Considerable skills in the use of the tools and testing equipment of the electric trade; considerable skill in all of the basics involved in electric transmission and distribution line, maintenance, and repair; skill in coordinating the various activities of a line crew. Ability to understand and follow verbal and written instructions; ability to read and interpret electrical sketches, diagrams, and blueprints; considerable ability to climb poles or use of a bucket truck to work at moderate heights with high voltage wires; ability to teach the techniques of the task relating to line construction and maintenance; ability to establish and maintain effective working relationships with subordinates, supervisors, citizens, and members of the governmental organizations and agencies; ability to operate digger derrick, bucket trucks, pickup trucks, and related equipment.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school and experience equivalent to the Powerline Journeyman level as defined by the lineman career development program established by Electricities.

SPECIAL REQUIREMENTS:

Possession of an appropriate CDL license valid in the State of North Carolina.

Possession of first aid and CPR certificates.