

ELECTRIC SYSTEM SUPERVISOR - 2661

GENERAL DEFINITION AND CONDITIONS OF WORK:

Performs difficult technical and intermediate administrative work supervising and participating in the construction, maintenance and repair of the electric distribution system; does related work as required. Work is performed under regular supervision. Supervision is exercised over all division personnel.

This is medium work requiring the exertion of 50 pounds of force occasionally, up to 20 pounds of force frequently, and up to 10 pounds of force constantly to move objects; work requires climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, pushing, pulling, lifting, fingering, grasping, and feeling; vocal communication is required for expressing or exchanging ideas by means of the spoken word, and conveying detailed or important instructions to others accurately, loudly, or quickly; hearing is required to perceive information at normal spoken word levels, and to receive detailed information through oral communications and/or to make fine distinctions in sound; visual acuity is required for depth perception, color perception, night vision, peripheral vision, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, hazards, and oils.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Planning, organizing and directing the installation, maintenance and repair of power lines and related distribution system facilities; maintaining records; preparing reports.

Directs the work of electric line construction and maintenance crews;

Supervises and directs workers engaged in the construction, installation, repair, and maintenance of overhead and underground transmission and distribution lines;

Checks transmission and distribution systems and determines future needs; determines needs for tree trimming, etc.;

Oversees switching operation for all substations and SCADA related activities;

Investigates customer complaints and takes remedial action;

Instructs safety rules of the trade including APPA and OSHA 1910.269;

Ability to use the safety procedures and equipment associated with working on high-voltage electric lines;

Instructs employees in operations; evaluates work performance of employees;

Determines necessary materials and schedules jobs; orders materials;

Keeps time and work records and prepares periodic reports;

Handles a variety of emergency problems;

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 the principles and techniques of supervision; 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 lay out and assign work and supervise subordinates; ability to establish and maintain effective working relationships with subordinates, supervisors, citizens, and members of the governmental organizations and agencies; ability to operate laptop computer, digger derrick, bucket trucks, pickup trucks, and related equipment.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from an accredited community college with major course work in electrical engineering or related field and extensive experience in the construction and repair of electrical systems.

SPECIAL REQUIREMENTS:

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

Possession of first aid and CPR certificates.