

LINEMAN 2

NATURE OF WORK

This is skilled electrical work in the installation, maintenance and repair of transmission and distribution lines and related components of the municipal electrical distribution system.

Positions of this class are responsible for applying electrical skills and knowledge to a variety of work on transmission lines and overhead distribution lines. Incumbents must be alert to the hazards in handling power lines under varying weather conditions and must take prescribed precautions to protect life and property. Work requires the use safety gear when maneuvering around electrical poles, and the use of an aerial truck to install, energize, maintain, and repair power lines and a variety of other related electrical equipment. Work is performed with considerable independence as a member of a two-person line crew under the supervision of a supervisor. An apprentice is usually assisting with the work to learn the trade. Assignments are received in the form of oral or written instructions as to the problem encountered, with the employee responsible for skillfully resolving the problem. The electrical supervisor usually inspects work upon completion, for the quality of workmanship.

ILLUSTRATIVE EXAMPLES OF WORK {Employees of this classification must be able to perform the following. Physical and mental tasks related to these functions will be required. The following examples do not contain every task that could be reasonable assigned. The absence of a specific task here does not imply the task cannot be assigned if related to the nature of work, a logical assignment, or a business necessity.}

- Uses bucket truck to work on energized high and low voltage power lines and equipment, installs, maintains repairs, or replaces transmission and distribution lines, transformers, switchgear, lightning arrestors, ground rods, cross arms, insulators, using rubber gloves, mats, hot sticks, and other insulated equipment.
- Splices, solders, insulates conductors to join sections of lines and connects transformers and electrical accessories; digs holes to set new poles; transfer conductors, transformers, or other equipment. Installs consumer service lines from poles to buildings and houses; makes voltage checks on lines and transformers; installs and repairs street lights.
- Checks meters for malfunctions; replaces defective meters, reads meters at commercial establishments and records usage; turns electricity off and on for non-payment.
- Supervises the work of a line crew on major trouble calls in the absence of a line supervisor. Assists in training apprentices.
- Performs related work as assigned. A description of essential and non-essential functions of positions of this class is contained in JFD2607 (job function description).

NECESSARY KNOWLEDGE, ABILITIES, AND SKILLS

- Knowledge of the standard methods, materials, tools and equipment used in the installation, maintenance, and repair of high and low voltage electric transmission and distribution lines.
- Knowledge of the occupational hazards and safety precautions of the trade. Some knowledge of first aid techniques for electrical shocks and burns.
- Ability to safely climb ladders and poles and work at heights and in confined areas. A description of physical and cognitive abilities of position of this class is contained in JFD2607. Ability to locate, diagnose, and repair defects in electrical systems. Ability to understand and execute oral and written instructions and to interpret electrical diagrams and plans.
- Ability to establish and maintain effective working relationships with other employees.
- Possession of a Louisiana driver's license as required by the Department of Public Safety, prior to appointment.
- Skill in the use and care of the tools, equipment, vehicles, and materials used in the work.
- Sufficient physical strength, ability, and dexterity to perform all the work of the class as contained in Job Function Description 2607.

TRAINING AND EXPERIENCE REQUIREMENTS

High School Diploma or GED required and two years of experience at a level equivalent to Apprentice Line worker; or substituting successful completion of a power line apprenticeship program. Must be a registered voter.