

## **LINEMAN III**

### **PURPOSE AND NATURE OF WORK**

Position is responsible for skilled independent work in installation, maintenance, and repair of overhead and underground power lines and related components of the municipal electrical transmission and distribution system. Position is subject to 24-hour call and work is sometimes hazardous. The objective is the application of electrical skills and knowledge to a variety of electrical transmission and distribution work including diagnosis of power problems. Incumbent reports to a technical supervisor and may be assisted by a Lineman I or II.

### **ILLUSTRATIVE EXAMPLES OF WORK** (Note: These examples are intended only to illustrate the various types of work performed by incumbents in this class. All of the duties performed by one incumbent may not be listed, nor does any incumbent necessarily perform all these duties).

Climbs utility poles and uses a bucket truck to work on energized primary and secondary power lines and equipment. Installs, maintains, repairs or replenishes transmission and distribution lines, transformers, switchgear, lightning arresters, metering devices, ground rods, crossarms, and insulators. Energizes transmission and distribution lines. Diagnoses power problems. May offer and implement solutions to power problems. Operates a pole setting truck, digs holes with machinery, and sets utility poles. Installs underground wiring, transformers, terminations, and related components. Installs consumer service lines from poles. Repairs underground facilities within the system. Makes voltage checks on lines and transformers. Installs, replaces, and repairs street lights. Assists in training Linemen I or II.

Performs related work as required.

### **NECESSARY KNOWLEDGE, ABILITIES AND SKILLS**

Considerable knowledge of the standard methods, materials, tools and equipment used in the installation, maintenance and repair of electrical transmission and distribution lines and related components.

Considerable knowledge of the occupational hazards and safety precautions of lineman work.

Ability to climb utility poles and work at varying heights, and to perform electrical work in tight spaces underground.

Ability to install, maintain, and repair electrical transmission and distribution lines and related components.

Ability to observe work and remain alert while working under stress and adverse conditions for extended periods of time and at irregular hours.

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 relationships with supervisors and employees.

Skill in the use and care of the tools, equipment, vehicles, and materials used in the work.

### **DESIRABLE TRAINING AND EXPERIENCE**

Graduation from high school supplemented by at least seven years safe journeyman lineman experience or five years' experience working under the direction of a journeyman lineman and approved training in line work. Experience includes the repair of energized conductors, connecting transformers, replacing poles, operating line and bucket trucks, and related tasks in all weather conditions.

### **NECESSARY SPECIAL REQUIREMENT**

Possession of the appropriate class driver's license, as required by the State of Louisiana.