

Title: Lineman 1st Class
PG: 040
Status: Civil Service
Position Reports to: Designated Supervisor
Department: Electric

Class Code: 7031
Date: 10/09

GENERAL DESCRIPTION OF CLASS:

This is skilled journey level work in the construction, maintenance, and repair of electrical transmission and distribution systems. Work is frequently performed in close proximity to high-tension wires and under unfavorable weather conditions, requiring skill and safe work practices and procedures. Work also involves the use of hooks when climbing poles and working in aerial buckets at high altitudes. Work is normally performed under the supervision of a foreman; however, employees may be assigned to work independently. Work is subject to inspection for conformance by a supervisor.

ESSENTIAL FUNCTIONS:

1. Constructs, maintains and repairs electrical transmission and distribution systems.
2. Inspects and determines problems in transformers and electrical apparatus, replacing fuses and other defective parts.
3. Sets poles and anchors, installs and maintains fiber optic cable
4. Installs transformers, cutouts, lightning arresters, crossarms, insulators, switches, and conductors overhead or underground.
5. Adjusts tension on primary or secondary conductors.
6. Performs maintenance work on telephone or cable TV lines.
7. Locates trouble in primary and secondary lines, replacing fuses and clearing short circuits.
8. Installs transformer banks and Three-phase padmount transformers.
9. Connects, disconnects, and replaces service loops.
10. Cleans and services tools, equipment, and vehicles

ADDITIONAL RESPONSIBILITIES:

1. Serves as Line Crew Foreman when assigned.
2. Performs related work as required

KNOWLEDGE, SKILLS & ABILITIES:

1. Extensive knowledge of approved practices, procedures, tools, and materials used in electrical line construction and maintenance work.
2. Extensive knowledge of the principles of electrical theory as applied to electrical circuits and wiring systems and the ability to apply this knowledge as related to electrical line work.
3. Knowledge of first aid, safety practices, procedures and occupational hazards of the trade.
4. Skill in the use of tools, equipment, and vehicles common in the trade.
5. Ability to understand and follow complex oral or written instruction.
6. Ability to work in confined space on underground electrical system or equipment that may or may not be energized.
7. Ability to perform heavy manual tasks under varying unfavorable weather conditions.
8. Ability and willingness to establish and maintain effective working relationships with co-workers, other city employees and the general public.

WORKING ENVIRONMENT/CONDITIONS:

Requires heavy manual work that involves walking or standing most of the time, exerting up to 100 pounds of force on a recurring basis.

The job risks exposure to electrical shock, adverse weather conditions, extreme hot/cold temperatures, confined areas, dust, pollen, traffic, toxic/noxious fumes, extreme noise levels, heights, and bright/dim light.

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The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of smell, depth perception, and texture perception.

QUALIFICATIONS (EDUCATION, TRAINING, AND EXPERIENCE):

1. High school diploma or its' equivalent, supplemented by training in electrical and mechanical systems.
2. Three (3) years of experience in the construction, maintenance, and repair of electrical overhead and underground transmission and distribution systems.
3. Completion of the City of Lakeland Electric Department Lineman Apprentice Training Course.
4. An equivalent combination of education and experience that is determined to be directly related to the foregoing specific requirements may be substituted.

SPECIAL REQUIREMENTS:

1. Must possess a valid state of Florida Class "B" Commercial driver's license with air brake endorsements.
2. Must maintain a valid telephone number.
3. May be required to work overtime, or alternate hours, as necessary for the efficient operation of the department. Position may be designated as Mission Critical by Department Director.

ADDENDUM FOR LINEMAN FIRST CLASS ASSIGNED TO TECHNICAL TRAINING:

If assigned to Technical Training, must meet the same requirements as Lineman First Class, plus the following:

Additional essential functions for Lineman First Class:

- a. Develops training materials for classes and self study.
- b. Prepares and maintains training records.
- c. Delivers training via classroom methods, one-on-one coaching, or other methods as appropriate.

Additional Knowledge, Skills & Abilities

- a. Ability to communicate effectively both verbally and in writing, including making presentations to groups.
- b. Knowledge of human behavior.
- c. Ability to learn and use the tools involved in employee training including computers, audio-visual equipment, and other tools appropriate.

Additional Qualifications:

- a. Must have achieved step six (6) or work above as a Lineman First Class with Lakeland Electric.
- b. Must have demonstrated a work record of being self-motivated, conscientious, and an orientation to working safely.

Additional Working Environment/Conditions

Involves all the same working environment/conditions as regular Lineman First Class plus the following:

- a. Must be able to perform routine keyboard operations and operate equipment pertinent to the preparation of course materials to be used for training.
- b. The job requires normal visual acuity including field of vision, color perception, depth perception, and texture perception due to work in areas such as electrical wiring schemes and visual discrimination of equipment irregularities.

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- c. Must be able to hear and speak with employees to assure appropriate guidance and oversight of potentially dangerous work situations while providing training .