

Title: Electrician Apprentice
PG: 024
Status: Civil Service
Position Report to: T&D Supervisor, Energy Delivery
Department: Lakeland Electric

Class Code: 7014
Date: 02/10

GENERAL DESCRIPTION OF CLASS:

This is skilled work which leads to the acquisition of the skills of an Electrician 1/C. An employee in this classification performs varied skilled tasks and assists in the maintenance, repair, testing, and construction of transmission and distribution electrical substations and related equipment. The employee must understand complex verbal and written instructions and follow safety procedures and precautions related to work in energized electrical substations. Employee works under the supervision of a journey level electrician or foreman.

ESSENTIAL FUNCTIONS:

1. Assists in the testing and diagnosis of transformers, breakers, relays, and related electrical equipment for operational conditions and reliability.
2. Assists in the construction and maintenance of transformers, breakers, and related substation equipment.
3. Assists in digging foundations, trenches, and installing forms.
4. Reads gauges and instruments and logs the information in records.
5. Reads blueprints and diagrams for electrical distribution systems.
6. Performs increasingly difficult and skilled work approaching journey level as the training period progresses.
7. Ability to learn underground distribution system including all switches, terminations and etc.

ADDITIONAL RESPONSIBILITIES:

1. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Some knowledge of the methods, materials, and tools used in electrical distribution systems construction and maintenance.
2. Some knowledge of the principles of electrical theory as applied to distribution and transmission circuits and control systems.
3. Skill in the use of tools and instruments used in electrical work.
4. Ability to read blueprints and apply information.
5. Ability to understand and follow oral and written instructions.
6. Ability and willingness to learn a wide variety of skilled tasks required in electrical construction and maintenance work.
7. Ability to learn and observe safety and environmental regulations and precautions and possess the ability to learn and apply confined space.
8. Ability to establish and maintain effective working relationships with supervisor, co-workers, other employees and the general public.
9. Ability to complete a training program leading to journey level electrician.

WORKING ENVIRONMENT/CONDITIONS:

Work that involves walking, standing, stooping, lifting, digging, pushing or raising objects and also involves exerting between 20 to 50 pounds of force on a recurring basis. The job risks exposure to environmental hazards such as dust, pollen, extreme heat and/or cold, wet or humid conditions, extreme noise levels, fumes, moving machinery, and electrical shock. The job requires normal visual acuity, and field of vision, hearing, speaking, color perception, sense of smell, depth perception, and texture perception

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QUALIFICATIONS (EDUCATION, TRAINING AND EXPERIENCE):

1. High school diploma or its equivalent.
2. One (1) year of experience as an Electrician Helper.
3. 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 and maintain a valid state of Florida Class "B" Commercial Driver's License with appropriate endorsements as required by the department.
2. Must possess and maintain a valid home 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.