

Title: Station Electrician Apprentice
PG: 45
Status: Civil Service
Position Reports to: Power Production Foreman
Department: Lakeland Electric

Class Code: 7062
Date: 09/08

GENERAL DESCRIPTION OF CLASS:

This is apprentice level work pertaining to maintenance of electrical systems at a multi-fueled electrical power generating plant, leading to the acquisition of apprentice skills as an electrician. Employees perform a variety of functions related to the maintenance of power plant electrical equipment as part of a training program designed to equip them for employment as journey level electricians. Employees work under the immediate supervision and instruction of a journey level electrician in the performance of tasks, which increase in difficulty and responsibility as the apprenticeship period progresses. Work is subject to inspection during progress and upon completion, and employees are carefully instructed in the performance of individual tasks and in the observation of adequate safety precautions against occupational hazards.

ESSENTIAL FUNCTIONS:

1. Reads blueprints and diagrams for wiring of breakers, motors, relays and other power plant equipment. Installs power and lighting circuits in buildings.
2. Assists journey level electrician in troubleshooting; finds and repairs problems.
3. Performs increasingly difficult and skilled work approaching the journey level as the training period progresses.

ADDITIONAL RESPONSIBILITIES:

1. Performs related work as required.

KNOWLEDGE, SKILLS & ABILITIES:

1. Knowledge of the methods, materials, and tools used in electrical construction and maintenance work.
2. Knowledge of the principles of electrical theory as applied to electrical circuits and wire systems.
3. Ability to understand and follow oral and written instructions.
4. Ability and willingness to learn a wide variety of skilled tasks required in electrical construction and maintenance work.
5. Ability to learn and observe proper safety precautions.
6. Ability to maintain harmonious relationships with other employees.

WORKING ENVIRONMENT/CONDITIONS:

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

The job risks exposure to electrical hazards, adverse weather conditions, pollen, dust, bright/dim light, heights, extreme cold/hot temperatures, and traffic.

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.
2. Two (2) years of experience in electrical and mechanical work as a Station 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.

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SPECIAL REQUIREMENTS:

1. Must possess a valid state of Florida driver's license.
2. Must maintain a valid home telephone number.
3. May be required to pass and maintain qualification for:
 - a. Respiratory Protection Physical
 - b. Pulmonary Function
 - c. Qualitative and Quantitative Fit Test(s)
4. 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.