

TITLE: Second Class Line Technician

EL/7

DEPARTMENT: Electric, City of Franklin

JOB SUMMARY: This position performs technical work assisting in the installation, maintenance, and repair of the electric distribution system.

MAJOR DUTIES:

- o Assists in the installation, maintenance, and repair of low and high voltage transmission and distribution lines.
- o Climbs poles.
- o Operates a bucket truck, trencher, and related equipment.
- o Assists with installing electric services.
- o Strings, splices, and installs insulators on poles.
- o Assists in erecting power transmission and distribution lines.
- o Assists with the installation and replacement of poles; installs cross arms and pole top equipment.
- o Installs secondary cable; assists with underground and overhead installation.
- o Trims trees from lines; picks up and delivers supplies.
- o Perform line work on de-energized and energized lines.
- o Installs transformers and other auxiliary equipment.
- o Terminates high-voltage wires.
- o Attaches guy wires to poles.
- o Keeps line trucks supplied with tools and materials.
- o Responds to after-hours emergencies.
- o Removes and installs sub-station equipment.
- o Troubleshoots power outages.
- o Locates and makes repairs on underground electrical wires.

Second Class Line Technician, Electric  
Page 2

- o Performs other related duties as assigned.

**KNOWLEDGE REQUIRED BY THE POSITION:**

- o Knowledge of the practices, method, equipment, materials and tools used in the erection and maintenance of electric lines.
- o Knowledge of the occupational hazards connected with the work and of safety precautions associated with the construction and maintenance of an electrical transmission and distribution system.
- o Skill in the operation of line trucks, bucket trucks, tension machine, pulling rigs, trenchers, backhoes, dump trucks, and other types of job related equipment.
- o Skill in the installation and repair of elevated power lines.
- o Skill in the use and care of assigned tools and equipment.

**SUPERVISORY CONTROLS:** The Line Technician Superintendent assigns work in terms of general instructions. The supervisor spot-checks completed work for compliance with procedures, accuracy, and the nature and propriety of the final results.

**GUIDELINES:** Guidelines include the APPA safety manual, line codes, department procedures, and OSHA regulations. These guidelines require judgment, selection, and interpretation in application.

**COMPLEXITY:** The work consists of varied technical duties. The need to work with high voltage electrical lines and at high elevations contributes to the complexity of the position.

**SCOPE AND EFFECT:** The purpose of this position is to assist in the construction and maintenance of the transmission and distribution system. Successful performance in this position contributes to the efficient delivery of electric utilities to customers.

**PERSONAL CONTACTS:** Contacts are typically with other city personnel, business owners, home owners, contractors, and members of the general public.

**PURPOSE OF CONTACTS:** Contacts are typically to give or exchange information, resolve problems, and provide services.

**PHYSICAL DEMANDS:** The work is typically performed while intermittently sitting, standing, walking, bending, crouching, or stooping. The employee frequently lifts light and heavy objects, uses tools or equipment requiring a high degree of dexterity, climbs ladders and utility poles, and distinguishes between shades of color.

Second Class Line Technician, Electric  
Page 3

**WORK ENVIRONMENT:** The work is typically performed outdoors, occasionally in cold or inclement weather. The work requires the use of protective devices such as masks, goggles, or rubber gloves and sleeves.

**SUPERVISORY AND MANAGEMENT RESPONSIBILITY:** None.

**MINIMUM QUALIFICATIONS:**

- o Knowledge and level of competency commonly associated with completion of specialized training in the field of work, in addition to basic skills typically associated with a high school education.
- o Experience sufficient to thoroughly understand the work of subordinate positions to be able to answer questions and resolve problems, usually associated with one to three years experience or service.
- o Possession of or ability to readily obtain a valid driver's license issued by the State of Virginia for the type of vehicle or equipment operated.