

# **CITY OF CHATTANOOGA**

## **Classification Specification Title: Signal Technician Apprentice**

**Department: N/A**

**Pay Grade: GS.03**

**Supervision Received From: N/A**

**FLSA Status: Non-Exempt**

**Supervisory Responsibility For: N/A**

**Established: 11/18/13**

**Revision Dates: 4/4/25;**

**10/20/23; 7/1/16**

### **CLASSIFICATION SUMMARY:**

Incumbents are responsible for assisting traffic electricians and electronics technicians with the installation, repair, and maintenance of traffic control devices and related equipment. Duties might include assisting in installing, removing, repairing, replacing, activating, upgrading and maintaining traffic control devices, assisting with the construction of new traffic signals by building control panels and cabinets, prefabricating fixtures/signs for installation; and assisting in troubleshooting electrical problems.

**SERIES LEVEL:** The Signal Technician Apprentice is a stand-alone position.

### **ESSENTIAL FUNCTIONS:**

*(The following duties ARE NOT intended to serve as a comprehensive list of all duties performed by all employees in this classification, only a representative summary of the primary duties and responsibilities. Incumbent(s) may not be required to perform all duties listed and may be required to perform additional, position-specific duties.)*

Assists in the installation, removal, replacement, activation, upgrade, and maintenance of electrical or electronic traffic control devices and related equipment.

Assists with the construction of new traffic signals which may include building forms and templates; building control panels and cabinets; assembling and installing signs and signals; wiring and testing of traffic signal cabinets, prefabricated fixtures and signs for installation, and/or performing other related activities.

Assists in driving ground rods, digging ditches, installing conduit, setting junction boxes, and setting electrical controller cabinets.

Performs preventative maintenance activities on electrical equipment, cabinets and tools.

Sets up work zones, which includes placing traffic safety cones and flagging or directing traffic. Inspects and tests machinery, equipment, and parts for proper operations; makes appropriate adjustments, repairs or replacements.

Assists in performing a variety of skilled and manual tasks which may include troubleshooting electrical/electronic problems; setting and wiring cabinets; wiring buildings and fixtures; running electrical cables; testing circuits; checking gas and oxygen levels in manholes and/or performing other related activities.

Receives and prepares a variety of forms, reports, work orders, blueprints, electrical/electronic diagrams, controller set-up charts and/or other related items; reviews, processes, forwards or retains as appropriate.

Operates a variety of equipment and tools including a bucket truck, overhead signs, electrical tools, diagnostic instruments, and chain hoist to install fixtures and cabinets, paint steel poles, hang overhead signs, hang mast arms and/or perform other related activities.

Follows safety procedures, utilizes safety equipment and monitors the work environment to ensure the safety of employees and other individuals.

Must meet regular attendance requirements.

Must be able to maintain good interpersonal relationships with staff, co-workers, managers, and citizens.

Must accomplish the essential functions of the job, with or without reasonable accommodations, in a timely manner.

Performs other duties as assigned.

DEPARTMENT SPECIFIC DUTIES (if any):

MINIMUM QUALIFICATIONS: Dependent on the Area of Assignment: High School Diploma or GED, and must be currently enrolled in an accredited electrical Joint Apprenticeship Training Program; or any combination of equivalent experience and education.

LICENSING AND CERTIFICATIONS: Valid Driver's License

SUPPLEMENTAL INFORMATION:

Knowledge of basic electrical or electronic principles; applicable tools, software and equipment utilized in the trade; underground utilities and work zone safety principles.

Skill in utilizing applicable tools, equipment and software of the trade; setting up applicable work zones; performing manual labor; performing preventative maintenance activities; communication and interpersonal skills as applied to interaction with coworkers, supervisor, and the general public, sufficient to exchange or convey information and to receive work direction.

PHYSICAL DEMANDS: Positions in this class typically require climbing, balancing, stooping, kneeling, crouching, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, talking, hearing, seeing, and repetitive motions.

WORK ENVIRONMENT: Medium Work: Exerting up to 50 pounds of force occasionally, and/or up-to 20 pounds of force frequently, and/or up-to 10 pounds of force constantly to move objects. Incumbents may be subjected to working in high and precarious places, moving mechanical parts, electrical currents, vibrations, fumes, dusts, extreme temperatures, traffic hazards, and workspace restrictions.

SPECIAL REQUIREMENTS:

Safety Sensitive: Y

Department of Transportation - CDL: N

Child Sensitive: N

The City of Chattanooga, Tennessee is an Equal Opportunity Employer. In compliance with the Americans with Disabilities Act, the City will provide reasonable accommodations to qualified individuals with disabilities and encourage both prospective and current employees to discuss potential accommodations with the employer.