

TRAFFIC SIGNAL TECHNICIAN

Job Code	Pay Grade
16530	CL11

Nature of Work

This is skilled technical work in the installation, repair and maintenance of computerized traffic signal systems and related apparatus. Employees in this class assist higher level employees in field or bench work involving electronic, electrical or mechanical systems. Work is performed in accordance with established practices and assignments may be accompanied by sketches, blueprints or schematics. An incumbent may continue to perform Traffic Signal Technician 1 functions for an indefinite time or non-competitively advance to Traffic Signal Technician, Senior at the discretion of the appointing authority.

Minimum Qualification Requirements

- 2 years of electronic or electrical repair work experience; or
- An equivalent combination of education, training and/or experience.

Appointing Authority May Also Require

- Florida Driver's License or Florida Commercial Driver's License and endorsement, if any.
- Candidate to demonstrate more advanced proficiency, competency, and satisfactory completion of regularly assigned work in an independent manner. Appointing Authority retains discretion to employ an incumbent at this level or advance the incumbent non-competitively or competitively, after a candidate meets the minimum qualifications to an in-line career ladder position within the same organization or department.
- Assignment to work a variety of work schedules including compulsory work periods in special, emergency, and/or disaster situations.
- Other highly desirable knowledge, skills, abilities, and credentials relevant to a position.

Illustrative Tasks (These are examples and are not all inclusive.)

- Performs work required to install traffic signal intersection controls and systems including traffic signals, detectors, controls, wiring poles, microprocessor based traffic controllers, time switches, conduits and appurtenances.
- Maintains, modifies and repairs traffic signal equipment and apparatus and detects and corrects causes of failures in traffic signal and telecommunications equipment and related apparatus.
- Performs emergency and routine field servicing of traffic signal equipment, street lights, navigational lights and drawbridge apparatus operating or working from an aerial bucket truck.
- Assists in wiring cabinets and installing, maintaining and repairing computer interface equipment and programming digitized controllers.
- Uses hand, bench and small power tools in repair of machinery and equipment.
- Operates and performs preventive maintenance on machinery and automotive equipment, including lift and boom trucks and jack and bore equipment.
- May set up and monitor traffic counting devices as required.
- Performs shop related duties, including cleaning shop, organizing and stocking parts, tools and equipment and wiring signal heads.
- May appear as a witness in court cases.
- Performs related work as assigned or required.

Knowledge, Skills, and Abilities

- Knowledge of standard practices, materials, tools and equipment used in electronic and electro-mechanical traffic signal systems.
- Knowledge of local and national electrical equipment codes, occupational hazards and appropriate safety precautions.
- Skill in the application of CPR and First Aide Techniques.

TRAFFIC SIGNAL TECHNICIAN (continued)

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Knowledge, Skills, and Abilities (continued)

- Ability to withstand exposure to varying weather conditions and work in confined spaces at considerable heights, and possession of sufficient physical strength and agility to lift and carry heavy objects and stand and walk for long periods.
- Ability to locate, define and repair defects in traffic signal equipment and apparatus.
- Ability to install, alter, repair and maintain a variety of electronic, electrical and mechanical systems and equipment.
- Ability to interpret and work from technical sketches, blueprints and schematics.
- Ability to obtain an International Municipal Signal Association (IMSA) Level I Certification within two (2) years from date of appointment.

For official use only

Revised	EEOC Code	Overtime Code
9/13	Technicians	Classified