ATLANTIC COUNTY GOVERNMENT

JOB ANNOUNCEMENT

PLEASE POST

CONTINUOUS

TITLE: Traffic Signal Technician 1

SALARY: $37,000

Hours: 40  X  35

DEPARTMENT: Public Works

Union  X  Mgmt ___

LOCATION: Northfield

NJCSC Test Required: Yes  X  No ___

Grant Funded: Yes ___ No  X

Note: This position requires a valid New Jersey driver’s license. Must obtain a Class B CDL with Air Brakes and Tanker endorsement within 90 days of hire.

JOB CATEGORY SUMMARY

A position in this job category typically installs, troubleshoots and repairs traffic signal equipment or systems, highway lighting systems and wiring systems; and informs the responsible person or organization of difficulties, accomplishments, plans or goals.

MINIMUM REQUIREMENTS:

EDUCATION:

Completion of a vocational, technical or specialized training program in electrical or electronic technology.

EXPERIENCE:

One (1) year of experience in work involving the installation, maintenance and repair of electrical or electronic components, equipment or systems.

LICENSES, CERTIFICATIONS, OR REGISTRATIONS

Appointee will be required to possess a driver’s license valid in the State of New Jersey.

Appointee may be required to possess a valid Commercial Driver’s License (CDL) and applicable endorsements for the class and type of vehicle being operated.

SUBSTITUTIONS

Applicants who do not possess the required education may substitute one (1) year of additional experience.

CHARACTERISTIC TASKS

NOTE: The above Job Category Summary and following examples of work are for illustrative purposes only. Any one position may not include all of the tasks listed, nor do the examples cover all of the duties which may be performed.

Operates a motor vehicle
Operates cherry picker, ladder, platform, or boom trucks
Operates volt or ohm meters
Troubleshoots problems with traffic signal equipment or systems
Installs traffic signal equipment or systems
Installs electrical components and wiring systems
Troubleshoots problems with wiring systems and electrical components
Operates signal tracers
Repairs traffic signal equipment or systems
Repairs radar traffic signal detector units
Tests electronic circuitry
Installs overhead and underground cables
Installs highway lighting systems
Repairs electrical components and wiring systems
Repairs highway lighting systems
Troubleshoots problems with highway lighting systems
Delivers messages, packages or other materials
Repairs underground and overhead cables
Tests wiring systems
Repairs mobile radio communications equipment
Applies appropriate safety procedures
Verifies that quantity and type of item ordered matches invoice
Recommends the purchase of new and replacement materials, equipment, parts and supplies
Informs the responsible person or organization of difficulties, accomplishments, plans or goals
Answers routine questions
Calls (telephone) for needed services, materials or information
Advises (counsel) concerned individuals about agency programs

**CHARACTERISTIC KNOWLEDGE, SKILLS, AND ABILITIES**

Knowledge of procedures for installing traffic signal equipment or systems, and highway lighting systems
Knowledge of established safety procedures and guidelines
Knowledge of procedures for installing electrical components, wiring systems, and conduit systems
Knowledge of procedures for installing underground and overhead cables
Knowledge of procedures for testing wiring systems and electrical components
Knowledge of procedures for operating volt or ohm meters
Knowledge of procedures for operating signal tracers
Knowledge of organizational lines of communication (formal and informal)
Knowledge of administrative principles and practices
Knowledge of procedures for testing electronic circuitry
Skill in operating a motor vehicle
Ability to troubleshoot problems with wiring systems
Ability to troubleshoot problems with electrical components
Ability to repair underground cables
Ability to repair overhead cables
Ability to operate hand and power tools such as wrenches, screwdrivers, pliers, wire strippers, drills, and tools associated with electrical conduit and wiring work
Ability to troubleshoot problems with traffic signal equipment or systems
Ability to perform precision soldering and desoldering for electronic circuitry work
Ability to operate cherry picker, ladder, platform or boom trucks
Ability to follow oral orders, directions or plans
Ability to follow written orders, directions or plans
Ability to read various meters, gauges or dials
Ability to interpret abbreviated measurement values
Ability to compare written or printed material for accuracy

Interested, qualified applicants should apply online at http://www.atlantic-county.org/
Alternatively, applications may be mailed to the
Atlantic County Division of Human Resources
1333 Atlantic Avenue, Atlantic City, NJ 08401
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