

TRAFFIC ENGINEERING ELECTRICIAN

DISTINGUISHING FEATURES OF THE CLASS: The incumbent is responsible for performing journey level electrical work including the layout out of work and diagnosis of malfunctions in electrical systems and equipment. The incumbent may direct the work of a small number of semi-skilled or relatively unskilled workers assigned to assist on jobs as they are needed. Employees in this class are allowed considerable leeway for planning the details of each job. However, set priorities and technical direction are provided as necessary. The nature of the work may require employees in this class to operate motor vehicles and power driven equipment.

TYPICAL WORK ACTIVITIES: (Illustrative Only)

- Repairs, maintains and installs electrical systems and equipment, such as power distribution and auxiliary equipment, wiring, switches, motors, controls, heating, ventilating and air-conditioning equipment and fixtures and lighting;
- Repairs, maintains and installs electronic traffic control devices, changes lights and adjusts systems or timing light changes as directed;
- Lays out and completes work consistent with applicable standards and codes;
- Fulfills reports requirements relating to work performed and material used;
- Recommends to supervisors changes designed to improve the efficiency and effectiveness of operations;
- Makes estimates of time and materials required for assigned tasks and keeps simple related records;
- May direct and supervise the work of a small number of semi-skilled or unskilled workers in the installation, maintenance and repair of electrical equipment;
- Enters and retrieves information in an automated information system;
- Performs related work as required.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

- Good knowledge of the practices, tools, equipment and accident precautions of the trade;
- Good knowledge of the materials used and applicable code requirements involved in installation, maintenance and repair of electrical systems and equipment;
- Good knowledge of personal computers and office equipment;
- Skill in the care and use of a variety of hand and power tools and motorized equipment;
- Ability to work with all types of circuits;

SEE REVERSE SIDE

- Ability to work from plans and specifications and to follow rough sketches and oral instructions;
- Ability to understand and carry out simple oral and written instructions;
- Ability to perform moderate to heavy labor;
- Accuracy;
- Dependability;
- Resourcefulness;
- Physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

Three (3) years of journey level full-time work experience, or its part-time equivalent, in installation, maintenance and repair of electrical systems and equipment.

SPECIAL NOTE: A valid NYS Driver's License is required at the time of appointment and for the duration of employment.

Position may require working on weekends and holidays, alternating shift assignments, and on an on-call basis.

Revised: 7/12/95
7/02