

**COUNTY OF ORANGE
MUNICIPAL/SCHOOL
JOB CLASSIFICATION SPECIFICATION**

CLASS TITLE: ELECTRICIAN

TITLE #: 1813

DISTINGUISHING FEATURES OF THE CLASS: The work involves performance of skilled electrical work, installations and repairs of the trade. General instructions are received regarding what tasks to perform, permitting considerable leeway for planning the details of each job. Immediate supervision may be exercised over the work of helpers. The incumbent may assist skilled mechanics in other trades as assigned. Duties require a working knowledge of other skilled trades. Does related work as required.

TYPICAL WORK ACTIVITIES:

Installs, maintains and repairs pumps, motors and generators;

Installs, repairs and maintains electric lighting, heating and cooling systems;

Maintains and repairs signal equipment, such as remote control equipment, signal and alarm equipment, program clocks, program bells, fire alarm systems and television sets and cable systems;

Maintains and repairs storage battery systems and storage battery charges;

Maintains and repairs lighting circuits and lighting fixtures;

Identifies causes of electrical malfunctions and troubleshoots;

Performs a variety of tasks requiring a working knowledge of other trades.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Good knowledge of the common practices, tools, terminology and accident precautions of the trade; good knowledge of the design, construction, installation, maintenance and repair of electrical instruments, devices and equipment; working knowledge of alternating current theory, distribution systems and different types of transformers; working knowledge of mechanical drawing; working knowledge of practices of other skilled trades; ability to work from plans and specifications and to follow rough sketches; ability to follow both oral and written instructions; ability to understand electrical code; conscientiousness; dependability; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Graduation from high school or possession of a high school equivalency diploma and two (2) years of paid work experience in the repair and installation of commercial and/or industrial electrical-related components.

NOTE: Possession of a certificate showing completion from a vocational/technical school program in any of the building trades may be substituted for one (1) year of the required experience listed above.

JURISDICTIONAL CLASSIFICATION: Non-competitive among Towns, Villages and School Districts.

ADOPTED: Unknown
REVISED: 5/17/02 ms