

**ORANGE COUNTY CLASS SPECIFICATION**

**TITLE:** MAINTENANCE ELECTRICIAN **GRADE:** 09

**TITLE ABBREVIATION:** MAINT ELEC **TITLE NO.:** 6444

**JURIS.CL:** NC **SALARY CODE:** 01 **UNIT:**          **EEO CODE:** SC **FLSA CODE:** NE

**DEPARTMENT:** VARIOUS **DIVISION:**                     

**SUPERVISOR'S TITLE:** VARIOUS

**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. Duties require a working knowledge of other skilled trades. Incumbent may be required to work evenings, weekends and holidays. Does related work as required.

**TYPICAL WORK ACTIVITIES:**

1. Installs, maintains and repairs pumps, motors and generators;
2. Installs, repairs and maintains electric lighting, heating and cooling systems;
3. 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;
4. Maintains and repairs storage battery systems and storage battery charges;
5. Maintains and repairs lighting circuits and lighting fixtures;
6. Maintains and repairs commercial refrigeration systems, including walk-in coolers and freezers;
7. Installs lines for computers;
8. Identifies causes of electrical malfunctions and troubleshoots;
9. Performs a variety of tasks requiring a working knowledge of other trades;
10. May participate in snow and ice control operations including driving and/or operating plows, snow blowers, or related equipment, shoveling snow, spreading salt and sand, chipping ice, etc.;

**FULL PERFORMANCE KNOWLEDGES, SKILLS AND 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:** Either:

- (A) Graduation from high school or possession of a high school equivalency diploma and possession of a certificate of completion from a vocational/technical school program in electrical construction technology or related field and five (5) years of hands-on electrical work experience; OR
- (B) Graduation from high school or possession of a high school equivalency diploma and six (6) years of hands-on electrical work experience.

**SPECIAL REQUIREMENTS:**

- Must obtain licensure as a Master Electrician by the Orange County Electrical Licensing Board within one (1) year of employment. Once obtained, licensure must be maintained for the duration of employment;
- Must possess and maintain a valid driver's license.

**NOTE:** Current Licensure by the Orange County Electrical Licensing Board as a Master Electrician shall be deemed fully qualifying.

REVISED: 01.06.19 at