

## ELECTRICIAN

### DEFINITION

Under the direction of the Maintenance Supervisor, performs skilled electrical work in the repair, alteration, construction, installation, and maintenance of electrical and electronic systems and equipment; performs semi-skilled and skilled functions in other trade areas; and performs other related work as assigned and/or required.

### ESSENTIAL DUTIES

- inspects, repairs, installs, tests, services, and maintains electrical systems, including conduits and duct systems, light and power circuits, motor appliances, generators, control equipment, switches, switchboards, fans, bells, buzzers, clocks, fire alarms, and electronic systems
- installs interior and exterior wiring and conduit for equipment and appliances
- wires newly constructed and altered structures following approved safety standards
- replaces circuit breakers and panels
- assembles, installs, and maintains lighting fixtures and field lighting systems
- may occasionally perform repair work on audio-visual equipment, public address, and intercom systems
- plans, organizes, and lays out assigned electrical tasks
- coordinates, organizes, and directs the work of other maintenance personnel
- installs and maintains heavy machinery and power tools
- orders, requisitions, and maintains an adequate inventory of supplies, parts, and materials
- estimates labor and material project costs
- drives a service vehicle to and from sites

### QUALIFICATIONS

**Knowledge of:** Methods, practices, materials, tools, and equipment used in the electrical trade; electrical codes and regulations applicable to school facility maintenance, repair, and construction; safe working methods and procedures.

**Ability to:** Skillfully use tools and equipment in performing electrical installation, maintenance, and repair activities; plan, organize and lay out electrical work; accurately estimate labor and material costs; work from diagrams, blueprints, shop drawings and plans, sketches, and specifications; maintain simple records and prepare complete and concise reports; understand and follows oral and written directions; establish and maintain cooperative working relationships.

**PHYSICAL DEMANDS**

The physical requirements indicated below are examples of the physical aspects that this position classification must perform in carrying out essential job functions.

- will frequently exert 75 to 100 pounds of force to lift, carry, push, pull, or otherwise move objects
- will involve walking or standing for extended periods of time, and may involve ascending and descending ladders, stairs, scaffolding, and ramps
- must be capable of perceiving the nature of sound
- must possess visual acuity and depth perception
- must be capable of providing oral information
- must possess the manual dexterity to operate equipment and use hand tools, and handle and work with various materials and objects
- exposure to hot, cold, wet, humid, or windy conditions caused by weather may occasionally be experienced

Reasonable accommodation may be made to enable a person with a disability to perform the essential functions of the job.

**EXPERIENCE AND EDUCATION**

**Experience:** Four years of paid experience as a journey level electrician.

**Education:** Verification of a High School diploma, a GED certificate, or a higher degree, supplemental course work or training in electrical repair and maintenance is desirable.

**License Requirement:** Possession of a valid California Motor Vehicle Operator's License.

**Condition of Employment:** Insurability by the District's liability insurance carrier may be required. Finalists scheduled for an interview must provide a current DMV printout (not more than 30 days old) prior to the interview.