

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.