



MAINTENANCE TECHNICIAN IV-ELECTRICIAN

DEFINITION:

Under the supervision of the Administrator-Maintenance & Operations, performs a variety of skilled and semi-skilled tasks in the maintenance, repair and installation of electrical equipment and related systems.

DISTINGUISHING CHARACTERISTICS:

The Maintenance Technician IV- Electrician classification is considered fully qualified in the electrical trade area but with operates at an experiential and skill level below that of a journeyman. The Maintenance Technician V- Electrician classification is that of a journey man but with overall skill and experience below that of a Maintenance Technician VI.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

- Performs a variety of skilled and semi-skilled work in the maintenance, repair and improvement of electrical systems and equipment to include generators and emergency lighting systems as assigned; assures compliance with building codes applicable to the electrical trade.
- Installs, maintains and repairs a variety of electrical equipment common to school buildings including switches, outlets, light fixtures, fans, motors, controls and wiring as assigned; replaces ballasts as assigned; repairs occupancy lighting systems as assigned.
- Maintains various records and reports related to work orders and assigned activities.
- Operates a variety of specialized equipment including various hand and power tools related to the electrical trade; drives a vehicle to conduct work.
- Maintains shop and work areas in a safe, clean and orderly condition.
- Communicates with personnel and various outside agencies to exchange information and resolve issues or concerns.
- Assists with job-related maintenance duties including basic concrete and construction work; performs electrical and communications equipment repair and upkeep including paint and rust removal as assigned.

QUALIFICATIONS GUIDE

Knowledge of:

- Methods, procedures, equipment and materials used in the installation, maintenance, repair and operation of electrical equipment and systems.
- Building codes related to the electrical trade.
- Operation and maintenance of tools and equipment used in the electrical trade.
- Proper methods of storing equipment, materials and supplies.
- Shop math applicable to the building trades.
- Technical aspects of the electrical trade.
- Appropriate safety precautions and procedures.
- Oral and written communication skills.
- Record-keeping techniques.
- Proper lifting techniques.

Ability to:

- Perform a variety of skilled work in the maintenance, repair and improvement of electrical systems and equipment as assigned.
- Operate and maintain specialized equipment and tools utilized in the repair, installation and maintenance of electrical systems.

- Plan and lay out electrical work.
- Observe health and safety regulations and procedures.
- Communicate effectively both orally and in writing.
- Work cooperatively with others.
- Meet schedules and time lines.
- Understand and follow oral and written instructions.
- Work independently with little direction.
- Maintain various records related to work performed.

EDUCATION/EXPERIENCE:

Any combination equivalent to: graduation from high school and three years journey-level experience in the installation, maintenance and repair of electrical systems and equipment.

LICENSES AND OTHER REQUIREMENTS:

- Valid California Class C driver's license.

PHYSICAL DEMANDS:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Dexterity of hands and fingers to operate specialized equipment and tools.
- Hearing and speaking to exchange information.
- Seeing to read and perform electrical functions.
- Regularly lift and/or move up to 50 pounds; lifting, carrying, pushing or pulling heavy objects up 100 pounds with assistance.
- Reaching overhead, above the shoulders and horizontally.
- Bending at the waist, kneeling or crouching.
- Climbing ladders and working from heights.
- Standing for extended periods of time.

WORK ENVIRONMENT:

Indoor and outdoor work environment. Regular exposure to fumes, dust, dirt, oil/grease. Driving a vehicle to conduct work. The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The noise level in the work environment is usually loud. Hazards include:

- Working around and with machinery having moving parts.
- Exposure to high voltage and electrical shock.
- Working at heights.

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