



Irvine Unified School District

MAINTENANCE TECHNICIAN IV

Electrician

DEFINITION

Under the general supervision of the Supervisor, building maintenance, performs a variety of skilled and semi-skilled tasks in connection with the maintenance, repair, and installation of electrical equipment and related systems.

DISTINGUISHING CHARACTERISTICS

Technicians assigned at level IV are considered fully qualified in the electrical trade area but with overall skill and experience levels below that of a journeyman.

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

- Performs skilled and semi-skilled work in connection with maintenance, repair and improvement of electrical systems and equipment to include generators and emergency lighting systems.
- Installs, maintains and repairs a variety of electrical equipment common to school buildings, including but not limited to switches, outlets, light fixtures, fans, motors, controls and wiring.
- Cares for and maintains tools, equipment and shop areas.
- Maintains work site in clean and orderly condition, protects building occupants from work site hazards.
- Maintains records, provides reports and records work data.
- Provides direct labor as may be required in the event of emergency situations to protect personnel and property.

QUALIFICATIONS

Knowledge of:

- Methods, materials, tools and equipment common to the electrical trade.
- Familiarity with the N.E.C.
- Safety practices and procedures related to the electrical trade.
- Basic electrical theory as required for electrical work, and knowledge of energy conservation programs.

Ability to:

- Perform heavy manual labor, work safely at heights and within confined spaces.
- Safely and proficiently operate hand and power tools common to the electrical trade.
- Safely operate light trucks and power equipment common to the electrical trade.
- Understand and carry out written and oral instructions; follow diagrams, and interpret electrical portions of plans and blueprints.
- Work independently to complete assigned tasks

- Keep basic work records and provide simple reports.
- Establish and maintain cooperative and productive working relationship within the working atmosphere.

Training and Experience:

Equivalent to the completion of the twelfth grade, three years experience in the electrical field. Any combination of education and experience which would likely provide the qualification required.

Licenses:

Possess and maintain a valid California Driver's license.

Physical:

Good physical condition as determined by pre and post-employment inquiries and medical reports.

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.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel objects, tools, or controls and talk or hear. The employee frequently is required to stand, walk, and reach with hands and arms. The employee is occasionally required to sit; climb or balance; stoop, kneel, crouch, or crawl; and taste or smell.

The employee must frequently lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT

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.

While performing the duties of this job, the employee is regularly exposed to risk of electrical shock. The employee frequently works in outside weather conditions. The employee occasionally works near moving mechanical parts and is occasionally exposed to fumes or airborne particles, toxic or caustic chemicals, extreme cold, extreme heat, risk of radiation, and vibration.

The noise level in the work environment is usually loud.

[Return to top](#)