



MAINTENANCE TECHNICIAN V-PLUMBER

DEFINITION:

Under the supervision of the assigned supervisor, performs a variety of skilled tasks in connection with the maintenance, repair, and installation of plumbing equipment and related systems; maintains plumbing lines in safe and sanitary working condition.

DISTINGUISHING CHARACTERISTICS:

The Maintenance Technician V has a higher degree of journey level skills than entry level positions in the series and incumbents have five years of journey-level experience. The Maintenance Technician III-classification is an entry-level position in the Maintenance Technician series. Incumbents work independently and perform a variety of duties. Incumbents have at least two years general maintenance experience. The Maintenance Technician IV is an intermediate journey-level classification in the Maintenance Technician series. Incumbents have completed an approved apprenticeship program in a specific trade. Incumbents are expected to have four years of journey-level experience. The Maintenance Technician VI classification serves as the senior technician who can oversee special projects. Incumbents may serve as the backup Foreman and typically have six years of journey-level experience in a specific trade and/or have completed an approved apprenticeship program in a specific trade.

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

- Performs skilled plumbing work in the installation, maintenance and repair of plumbing fixtures and systems to maintain plumbing lines in safe and sanitary working condition; ensures compliance with building codes applicable to the plumbing trade.
- Installs, maintains and repairs full range of plumbing equipment and water systems common to school buildings.
- Estimates labor, material and equipment needed for assigned projects; monitors inventory levels of materials and equipment; orders, receives and maintains inventory of materials and equipment as needed.
- Cleans out drains and removes obstructions from water and sewer systems, dishwashers, disposals, pumps, toilets, urinals and drinking fountains; inspects and repairs leaks and general system failures; repairs or replaces damaged pipes, tubing and sewer lines; installs, tests and maintains backflow devices.
- Maintains tools, equipment and work area.
- Provides direct labor as may be required in the event of an emergency to protect personnel and property.
- Plans, organizes and lays out assigned tasks; interprets diagrams, blue prints, sketches and specifications; works from verbal and written instructions and work orders.
- Operates a variety of specialized equipment including various hand and power tools; drives a vehicle to conduct work.
- Maintains various records related to work orders and assigned activities.
- Maintains work areas in a safe, clean and orderly condition.
- Communicates with other personnel and various outside agencies to exchange information, coordinate activities and resolve issues or concerns

QUALIFICATIONS GUIDE

Knowledge of:

- Methods, materials and equipment used in the maintenance, repair and installation of plumbing systems.
- Safety practices and procedures related to the plumbing trade and use of equipment common to the plumbing trade.
- Basic arithmetic calculations as related to the plumbing trade.
- Plumbing skills and general building trades practices.
- Building codes related to the plumbing trade.

- Operation and maintenance of tools and equipment used in the plumbing trade.
- Proper methods of storing equipment, materials and supplies.
- Techniques used in routing and testing plumbing lines.
- Technical aspects of the plumbing trade.
- Appropriate safety precautions and procedures.
- Oral and written communication skills.
- Record-keeping techniques.
- Proper lifting techniques.

Ability to:

- Perform skilled plumbing work in the installation, maintenance and repair of plumbing fixtures and systems.
- Maintain plumbing lines in safe and sanitary working condition.
- Perform heavy manual labor, work safely at heights and in confined spaces.
- Plan and lay out plumbing work.
- Read and work from diagrams, blue prints, sketches and specifications.
- Provide general estimates of time and materials on routine jobs.
- Read and interpret blueprints and schematic diagrams.
- Perform work in an orderly and efficient manner by determining priorities and adhering to assigned schedules.
- Maintain accurate work records and provide reports of work accomplished.
- Understand and carry out written and/or oral instructions, provide basic instructions to personnel assigned to assist with work.
- Work cooperatively and maintain positive working relationships with others.
- Operate and maintain tools, equipment and machinery used in the plumbing trade.
- Observe health and safety regulations and procedures.
- Work independently with little direction.

EDUCATION/EXPERIENCE:

Any combination equivalent to: graduation from high school supplemented by completion of an approved apprenticeship program in the plumbing trade and five years journey-level experience as a plumber in the installation, maintenance and repair of plumbing fixtures and systems.

LICENSES AND OTHER REQUIREMENTS:

- Valid Class C California Driver's license.
- Requires the possession of a current backflow license or the ability to obtain one within one year of the hire date.
- Course work in the plumbing trade involving both theory and practice in repair, maintenance and installation of water systems and equipment preferred.

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 plumbing functions.
- Reaching overhead, above the shoulders and horizontally.
- Bending at the waist, kneeling, stooping or crouching.
- Regularly lift and/or move up to 50 pounds; lifting, carrying, pushing or pulling heavy objects up 100 pounds with assistance.
- Standing for extended periods of time.
- Walking, standing or sitting for extended periods of time.

WORK ENVIRONMENT:

Indoor and outdoor 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. The noise level in the work environment is usually moderate. Hazards include:

- Regular exposure to fumes, dust and odors.
- Working in confined spaces.
- Working around and with machinery having moving parts.
- Exposure to high voltage and electrical shock.

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