



MAINTENANCE TECHNICIAN VI-HVAC CONTROL SPECIALIST

DEFINITION:

Under the supervision of the assigned supervisor, lead and perform a wide range of maintenance and repair, both skilled and semi-skilled tasks, on HVAC equipment.

DISTINGUISHING CHARACTERISTICS

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. 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 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.

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

- Lead and perform skilled mechanical maintenance work in the repair, installation and alteration of controls for heating, ventilating and refrigeration systems.
- Installs, maintains and repairs controls and the equipment being controlled.
- Maintains, troubleshoots, and repairs control systems.
- Some programming of DDC systems.
- Performs preventive maintenance tasks on assigned equipment.
- Orders materials as needed.
- Plans and lays out work, keeps detailed records of control systems and back-up copies of all programs.
- Performs a variety of related tasks as may be required.
- Train and provide work direction and guidance to assigned personnel; assign employee duties and review work for accuracy, completeness and compliance with established standards and procedures.

QUALIFICATIONS GUIDE

Knowledge of:

- Methods, materials and equipment common to the HVAC trade.
- HVAC equipment, controls, and the interrelationship of the two.
- Reliable data storage and programming techniques.
- Information networks (LAN-I.P Addressers).
- Understanding of the basic function of servers.
- Computer operating systems, CPU components.

Ability to:

- Safely and proficiently use tools and equipment common to the HVAC trade.
- Troubleshoot and diagnose system malfunctions.
- Provide repair estimates.
- Determine priorities and schedule work effectively.
- Keep work records and provide reports.

- Understand and carry out oral and written instructions.
- Maintain cooperative working relationships with those contacted in the course of work.
- Alter graphic files.
- Install software and perform updates.
- Service and maintain A/C tech. laptops.

EDUCATION/EXPERIENCE:

Any combination equivalent to: graduation from high school and six years' experience at the journey level in the HVAC trade with at least one year in a responsible or lead position. Any combination of training and experience which would likely provide the required level of expertise and ability

LICENSES AND OTHER REQUIREMENTS:

- Valid Class C California Drivers 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 HVAC & R 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.
- Heavy physical labor.
- Bending at the waist, kneeling or crouching.
- Climbing ladders and working from heights.
- Standing for extended periods of time.

WORK ENVIRONMENT:

Indoor/Outdoor 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.

Hazards include:

- Working around and with machinery having moving parts.
- Exposure to high voltage and electrical shock.
- Working at heights.
- Seasonal heat and cold or adverse weather conditions.
- Exposure to fumes, dust, odors, oil/grease, gases.

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