



Irvine Unified School District

MAINTENANCE TECHNICIAN V

JOURNEYMAN - HVAC

DEFINITION

Under general supervision performs a wide range of maintenance and repair, both skilled and semi-skilled tasks, on HVAC equipment.

DISTINGUISHING CHARACTERISTICS

Positions assigned to this classification are skilled journey level technicians in the HVAC trade area. Their background and experience qualifies them to work independently on a wide variety of HVAC equipment common to the school district and serve in a lead role as circumstances may require to support HVAC related projects.

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

- Performs skilled mechanical maintenance work in the repair, installation and alteration of heating, ventilating and refrigeration systems and related equipment and facilities.
- Installs, maintains and repairs cooling towers, chillers, pumps, motors, compressors.
- Maintain, troubleshoots, and repairs a variety of control systems to include DDCs.
- Responds to or coordinates responses to service calls.
- Performs preventive maintenance tasks on assigned equipment.
- Orders materials, as needed.
- Plans and lays out work and keeps basic records.
- Performs a variety of related skilled and unskilled tasks as may be required.

QUALIFICATIONS

Knowledge of:

- Methods, materials and equipment common to the HVAC trade.
- HVAC equipment and controls common to institutional and large office buildings.
- Maintenance and safety practices within the HVAC and related building trades.

Ability to:

- Safely and proficiently use tools and equipment common to the HVAC trade.
- Troubleshoot and diagnose systems malfunctions.
- Provide repair estimates.
- Determine priorities and schedule work effectively.
- Keep work records and make reports.
- Understand and carry out oral and written instructions.
- Maintain cooperative working relationships with those contacted in the course of work.

Training and Experience:

Equivalent to the twelfth grade, four 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: Possession of a valid California Drivers License.

Physical: Good physical condition as determined by pre- and post-employment inquiries and health 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; reach with hands and arms; and talk or hear. The employee frequently is required to walk; climb or balance; stoop, kneel, crouch, or crawl; and taste or smell. The employee is occasionally required to stand.

The employee must regularly lift and/or move up to 50 pounds, frequently lift and/or move up to 100 pounds, and occasionally lift and/or move more than 100 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 regularly works near moving mechanical parts and in outside weather conditions and is regularly exposed to risk of electrical shock. The employee frequently works in high, precarious places and is frequently exposed to toxic or caustic chemicals. The employee is occasionally exposed to wet and/or humid conditions and vibration.

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