

MAINTENANCE TECHNICIAN V- WELDER

DEFINITION:

Under the supervision of an assigned supervisor, performs a variety of skilled and semi-skilled welding and general maintenance tasks in connection with the maintenance, repair and improvement to buildings and equipment. Applies specialized knowledge and experience to design, fabricate and accomplish metalwork projects; installs and repairs of chain link and rod iron fencing; inspects and repairs playground and athletic equipment.

DISTINGUISHING CHARACTERISTICS:

The Maintenance Technician V has a higher degree of journey level skills than entry level positions in the series and incumbents have four 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.

- Repairs, alters, fabricates, installs and maintains various types of metal, parts and equipment utilizing oxyacetylene and electric arc welding, soldering and brazing processes; assure compliance with established safety guidelines and regulations.
- Determines and utilizes appropriate metals and materials needed for welding, priming, soldering, cutting, brazing or fabricating.
- Performs and assists in skilled maintenance, installation and repair to buildings and equipment in relation to construction and mechanical trades, including plumbing, painting, carpentry, heating, electrical, masonry, metal work, glazing, tile work, roofing, flooring, ventilating systems, welding and mechanics.
- Performs routine and emergency repairs and adjustments to school buildings and faculties as assigned.
- Applies finishes to various surfaces such as wood, metal, glass, plaster, stucco, wallboard, brick and cement.
- Operates various equipment related to assigned activities including power and hand tools; operates light to medium weight trucks and equipment to pick up or deliver equipment, furniture and other supplies; drives a vehicle to conduct work.
- Operates a variety of maintenance and construction tools and equipment including drills, grinders and impact wrenches; operate and maintain a variety of welding and metal fabrication equipment; drive a vehicle to conduct work.
- Maintains welding tools and equipment.
- Assists with lifting, stacking and moving heavy furniture, equipment and materials as needed.
- Performs various related duties as part of a crew or independently as assigned.
- Responds to and assists with coordinating responses to service calls.

- Prepares and maintains records and reports related to assigned activities; plans and lays out work accordingly.
- Estimates and orders material requirements according to drawings, blueprints or written instructions.
- Maintains shop area and work sites in a safe, clean and orderly environment; adheres to safety standards according to established laws, codes and regulations.
- Performs a variety of related skilled and unskilled tasks in support of the assigned department as required.
- Communicates with personnel to exchange information and resolve issues or concerns.

QUALIFICATIONS GUIDE

Knowledge of:

- General methods, materials, tools, terminology and equipment used in the welding, metal fabrication and building and maintenance trades.
- Proper methods of storing equipment, materials and supplies.
- *Technical aspects of field of specialty.*
- Requirements of maintaining facilities, utilities and equipment in good repair.
- Uniform Building Code.
- Operation of a variety of hand and power tools and equipment.
- Applicable building codes, ordinances, fire regulations and safety precautions.
- Appropriate safety precautions and procedures.
- Record-keeping techniques.
- Interpersonal skills using tact, patience and courtesy.
- Oral and written communication skills.
- Proper lifting techniques.

Ability to:

- Lead and participate in a variety of skilled activities involved in the maintenance and repair of designated facilities and equipment.
- Perform journey-level welding and metal fabrication work in the repair, alteration, fabrication, installation and maintenance of designated equipment and facilities.
- Operate oxyacetylene and electric arc welding equipment.
- Operate grinders and other shop tools related to welding and fabrication.
- Read and interpret blueprint, diagrams and written instructions.
- Perform accurate measurements, and arithmetic calculations.
- Provide estimates on time, materials and repair requirements.
- Understand written and oral instructions.
- Perform heavy manual labor.
- Determine priorities and schedule work effectively.
- Receive and respond to routine maintenance requests.
- Operate a wide variety of hand and power tools and equipment.
- Drive a vehicle to conduct work.
- Work independently with little direction.
- Observe health and safety regulations.
- Maintain routine records related to work performed.

- Interpret and apply applicable building codes, ordinances, fire regulations and safety precautions.
- Establish and maintain cooperative and effective working relationships with others.
- Communicate effectively both orally and in writing.

EDUCATION/EXPERIENCE:

Any combination equivalent to: graduation from high school supplemented by completion of an approved apprenticeship program in the building maintenance trade area and four years increasingly responsible journey-level welding experience.

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 a variety of equipment.
- Bending at the waist, kneeling, stooping or crouching.
- Walking or standing for extended periods of time.
- Reaching overhead, above the shoulders and horizontally.
- Hearing and speaking to exchange information.
- Climbing ladders and working from heights.
- Seeing to perform assigned general maintenance duties.
- Regularly lift and/or move up to 50 pounds; lifting, carrying, pushing or pulling heavy objects up 100 pounds with assistance.

WORK ENVIRONMENT:

Indoor and outdoor work environment. Seasonal heat and cold or adverse weather conditions. Moderate exposure to fumes, dust, odors, oil/grease and gases. 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 is usually high. Hazards include:

- Working around and with machinery having moving parts.
- Working on ladders.
- Chemical fumes.

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