



MAINTENANCE TECHNICIAN IV-VEHICLE/EQUIPMENT REPAIR

DEFINITION:

Under the supervision of the Director, performs major and minor repairs on vehicles and other motorized equipment; diagnoses mechanical and electrical system problems according to established procedures; performs service calls for various grounds equipment and vehicle issues.

DISTINGUISHING CHARACTERISTICS:

Positions in this classification series are distinguished by degrees of expertise, experience and ability to work independently on a variety of increasingly complex maintenance and repair tasks. The Maintenance Technician IV- Vehicle/Equipment Repair classification is considered an entry level journeyman position. The Maintenance Technician V- Vehicle/Equipment Repair classification operates at the journeyman level with up to four years of experience. The Maintenance Technician VI- Vehicle/Equipment Repair may serve as the lead in the series.

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

- Performs major and minor repairs on gasoline, diesel and battery-powered vehicles and other motorized equipment including grounds equipment; diagnoses mechanical and electrical system problems according to established procedures.
- Assists department with servicing vehicles and changing oil, replacing light bulbs, balancing and replacing tires, changing batteries and vehicle inspection as assigned.
- Performs service calls for various grounds equipment and vehicle issues as assigned; picks up and delivers assigned grounds equipment according to established procedures; performs emergency road repairs as needed.
- Assists with vehicle repairs or modifications involving body and frame work; performs repairs requiring welding as needed; sharpens blades on assigned equipment; assists with refurbishing vehicle suspension, transmission and engines as assigned by the position.
- Maintains inventories of assigned shop supplies, tools and equipment according to established procedures.
- Maintains shop area, equipment and tools in a safe, clean and orderly condition.
- Maintains records and reports related to assigned duties including vehicle records and material requisition.
- Communicates with personnel and various outside agencies to exchange information, coordinate activities and resolve issues or concerns related to assigned activities.
- Operates a variety of specialized equipment including drills, grinders, welders and various hand and power tools; drives a vehicle to conduct work.

QUALIFICATIONS GUIDE

Knowledge of:

- Techniques, practices, theories and procedures vehicle and equipment maintenance and repair.
- Methods, equipment, tools and materials used in the repair and maintenance of vehicles.
- Diagnostic procedures for vehicles and equipment.
- Operation of a computer and assigned software.
- Preventative maintenance practices.
- Applicable laws, codes, regulations, policies and procedures.
- Shop math applicable to vehicle maintenance.
- Technical aspects of field of specialty.
- Oral and written communication skills.
- Record-keeping techniques.

- Health and safety regulations.
- Proper lifting techniques.

Ability to:

- Perform major and minor repairs and maintenance of a variety of District vehicles and equipment.
- Operate specialized equipment used in the repair of vehicles.
- Diagnoses and repair mechanical and electrical malfunctions.
- Communicate effectively both orally and in writing.
- Read and interpret shop and other technical manuals.
- Work cooperatively with others.
- Interpret and apply applicable laws, codes, rules and regulations.
- Operate a variety of hand and power tools including welding equipment.
- Maintain a variety records related to work performed.
- Observe health and safety regulations.

EDUCATION/EXPERIENCE:

Any combination equivalent to: graduation from high school supplemented by vocational coursework in automotive and mechanical repair or maintenance and three years of journey-level experience with automobile and small engine repair.

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.

- Regularly lift and/or move up to 50 pounds; lifting, carrying, pushing or pulling heavy objects up 100 pounds with assistance.
- Bending at the waist, kneeling or crouching.
- Reaching overhead, above the shoulders and horizontally.
- Dexterity of hands and fingers to operate power tools and equipment.
- Seeing to observe and perform repairs.
- Hearing and speaking to exchange information.

WORK ENVIRONMENT:

Vehicle and equipment repair shop environment. Seasonal heat and cold or adverse weather conditions. Driving a vehicle to conduct work. Regular exposure to fumes, dust and odors. 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:

- Exposure to chemical fumes and vapors such as gasoline and diesel fuel.
- Working in a cramped or restrictive work chamber.
- Working around or with machinery having moving parts.
- Hazardous materials.

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