

## HEAVY EQUIPMENT MECHANIC LEADWORKER

### **DEFINITION**

Under general supervision, provides lead direction to mechanics and service workers; and performs advanced working level maintenance and repair on medium and heavy automotive and construction equipment including City trucks, refuse trucks, trolleys, and other vehicles and equipment.

### **SUPERVISION RECEIVED/EXERCISED**

Receives supervision from an Equipment Supervisor. This class provides lead direction to mechanics and service workers. This class does not exercise supervision.

### **DISTINGUISHING CHARACTERISTICS**

Heavy Equipment Mechanic Leadworker is the advanced working/lead level class in the Heavy Equipment Mechanic series. Incumbents assign work to a group of skilled and semi-skilled mechanics and service workers using independent judgment in deciding methods of repair. This class is distinguished from Heavy Equipment Mechanic II in that incumbents of the latter do not have lead responsibility. The Heavy Equipment Mechanic series differs from the Light Equipment Mechanic series in that the focus of the latter is primarily upon light automotive equipment. Heavy Equipment Mechanic Leadworker is distinguished from Equipment Supervisor in that the latter is the first-line supervisory class.

### **EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES**

*May include, but are not limited to the following:*

Provides lead direction and participates in the maintenance and repair on medium and heavy equipment including City trucks, construction equipment, refuse trucks, trolleys, and other vehicles and equipment.

Assigns and inspects the work of skilled mechanics and other shop employees and provides technical assistance and training on new or unusually complicated installations or repairs.

Requisitions parts, tools, equipment, and materials needed for repair work.

Performs skilled tasks in the repair and maintenance of heavy equipment including City trucks, construction equipment, refuse trucks, trolleys, and related equipment.

Inspects, diagnoses, repairs, and maintains diesel, gas, and alternative engines, drive train, brakes, suspension, steering, electrical including electrical systems, heating,

ventilation and air conditioning and related components of heavy duty vehicles and mechanical equipment.

Performs engine tuneups and adjustments using standard testing and diagnostic equipment.

Responds to road calls to repair heavy duty vehicles and related equipment.

Maintains records of work performed and trains subordinates.

Maintains a clean work area and assists with the cleaning of shop areas and equipment and follows Occupational Safety and Health (OSHA) and other safety standards.

Performs related duties as required.

### **JOB RELATED AND ESSENTIAL QUALIFICATIONS**

#### **Knowledge of:**

The methods, materials, tools and techniques used in the maintenance and repair of medium and heavy-duty vehicles and equipment.

The principles of operation of heavy-duty engines and engine driven sub-systems.

The occupational hazards and safety precautions of the trade, including the handling of hazardous materials

Troubleshooting and diagnostic practices and techniques for heavy duty vehicles and equipment.

#### **Skill/Ability to:**

Properly and safely use hand and power tools and equipment used in medium and heavy equipment maintenance and repair.

Operate a motor vehicle safely.

Provide lead direction to, and plan and assign the activities of skilled mechanics and other shop workers; provide technical assistance and training.

Diagnose heavy-duty vehicles and related equipment.

Adapt available tools and repair parts to specific repair problems.

Interpret and work from manuals, schematics, sketches, diagrams, and work orders.

Establish and maintain effective working relationships with those contacted in the performance of assigned duties.

Read, write and perform shop math at the level required for successful job performance.

Understand and carry out written and oral instructions.

Operate computers and applicable software applications for basic data entry necessary for completion of assigned duties.

Prepare clear, concise, and comprehensive records, reports, correspondence, and other written materials.

## **MINIMUM QUALIFICATIONS**

### **Education:**

Possession of a High School Diploma or equivalent GED Completion.

### **Experience:**

Three (3) years of full-time paid experience maintaining and repairing heavy equipment including trucks, construction equipment, refuse trucks, and other vehicles and equipment. A certification of completion or Associate's Degree from a recognized vocational, technical, college or university in automotive or heavy equipment technology may be substituted for one (1) year of experience.

### **Special Requirement(s):**

Possession of a valid California Commercial Class B Driver's License with required endorsements and without air brake restriction is required at the time of application and continued maintenance throughout the entire term of employment in this classification.

Possession of a valid National Institute for Automotive Service Excellence (ASE) Master Medium-Heavy Truck (T) Technician certification is required at the time of application and continued maintenance throughout the entire term of employment in this classification.

## **PHYSICAL DEMANDS**

The physical demands described here are representative of those that are necessary to safely, effectively, and efficiently perform the essential functions of this job with or without reasonable accommodation.

This classification's physical demands involve heavy work exerting up to 100 pounds of force occasionally with assistance, and/or up to 50 pounds of force frequently, and/or up to 20 pounds of force constantly to move objects. Additionally, the following physical demands may be required: balancing, bending, climbing, crawling, crouching, feeling, manual dexterity, grasping, gripping, handling, hearing, kneeling, lifting, mental acuity, pulling, pushing, repetitive motion, speaking, standing, stooping, talking, twisting, visual acuity, walking.

APPROVED: Signature on File DATE: 10/20/2025  
Director of Personnel Services

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