

FIRE EQUIPMENT MECHANIC LEADWORKER**DEFINITION**

Under general supervision, provides leads direction to mechanics and service workers and performs the advance working level maintenance and repair of light and heavy fire vehicles, apparatus, and related equipment.

SUPERVISION RECEIVED/EXERCISED

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

DISTINGUISHING CHARACTERISTICS

Fire Equipment Mechanic Leadworker is the advanced working lead level class in the Fire Equipment Mechanic series. Incumbents provide lead direction to a group of skilled and semi-skilled Fire Equipment Mechanics and service workers who perform skilled tasks in the mechanical repair and maintenance of all fire apparatus and related equipment. This class differs from Fire Equipment Mechanic II, in that incumbents of the latter do not assign work, or provide lead direction. This class differs from Equipment Supervisor in that the latter is the first line supervisory level.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

May include but are not limited to the following:

Provides lead direction to other mechanics and service workers and participates in the general overhaul, maintenance and repair work on Fire Department apparatus 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 the fabrication of parts in connection with apparatus modification work and hydrant maintenance.

Disassembles, repairs and rebuilds parts such as transmission mounts, brackets, pumps and clamps.

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Rebuilds, repairs and maintains heavy duty air brake systems, heavy duty suspension, alternators, transmissions.

Inspects, diagnoses, and repairs electrical equipment systems on fire vehicles and equipment.

Performs fabrication tasks using lathes, shapers, drill presses, and welding equipment.

Fills and repairs Self Contained Breathing Air (SCBA) and air cylinders as needed.

Disassembles, cleans, repairs, and tests pumps, air compressors, and related equipment.

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

May support Fire Department with needed equipment.

Performs related duties as required.

JOB RELATED AND ESSENTIAL QUALIFICATIONS

Knowledge of:

Methods, materials, tools and techniques used in the repair of heavy and light equipment.

Operating principles of gasoline and diesel engines, and of mechanical repair of trucks and firefighting apparatus and equipment.

Occupational hazards and safety precautions of the trade including the handling of hazardous materials.

Troubleshooting and diagnostic practices and techniques for automotive vehicles and equipment and related systems.

Skill/Ability to:

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

Properly use hand and power tools and equipment, other standard tools and equipment of the machinist trade.

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

Diagnose malfunctioning mechanical and electrical systems and related subsystems.

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

Adapt available tools and repair parts to specific repair problems.

Use electronic diagnostic equipment and diagnostic software programs.

Operate standard office equipment including computers, phones, and tablets and applicable software applications for basic data entry necessary for completion of assigned duties.

Operate a motor vehicle safely.

MINIMUM QUALIFICATIONS

Education:

Possession of a High School Diploma or equivalent GED completion.

Experience:

Three (3) years of full-time paid experience performing routine maintenance and simple repairs on diesel and gasoline powered cars, trucks, buses, construction equipment, and other vehicles and equipment.

A certification of completion or Associate's Degree from a recognized vocational, technical, college or university program in automotive or heavy equipment technology or related field 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.

May be required to obtain and maintain a valid Commercial Class A California Driver's License with required endorsements and without air brake restrictions within twelve (12) months of request from department.

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

Possession of a valid California Office of the State Fire Marshal (OSFM) Fire Mechanic II certification or Emergency Vehicle Technician I (EVT I) is required at time of application.

Possession of a valid OSFM EVT II certification within two (2) years of appointment. Failure to obtain the EVT II certification within the specified timeframe shall be cause for termination from this classification.

All required ASE and OSFM Fire Mechanic or EVT Certifications shall be maintained for entire term of assignment.

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 very heavy work which requires occasionally exerting in excess of 100 pounds of force occasionally with assistance, and/or in excess of 50 pounds of force frequently, and/or in excess of 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

Tj:ar: 5/3/14
Revised: TJM:scm: 8/21/15
Revised TJM: scm:kp: 4/5/17
Revised: SM:jts 2/18/2025
Revised: EVG/C&C: 10/20/2025