

## **LIGHT EQUIPMENT MECHANIC II**

### **DEFINITION**

Under supervision, maintains and repairs gasoline and diesel automotive equipment including City cars, pickups, and other vehicles and equipment.

### **SUPERVISION RECEIVED/EXERCISED**

Receives supervision from an Equipment Supervisor. This class does not exercise supervision.

### **DISTINGUISHING CHARACTERISTICS**

Light Equipment Mechanic II is the journey level class in the Light Equipment Mechanic series. Incumbents diagnose and perform fully skilled maintenance and repair on gasoline and diesel automotive and light mechanical equipment. This class differs from Light Equipment Mechanic Leadworker in that the latter is the advanced working/lead level class in the series. It differs from Light Equipment Mechanic I in that the latter is an entry level class. This series differs from the Heavy Equipment Mechanic series in that the focus of the latter is on heavy equipment maintenance and repair. It differs from the Bus Mechanic series in that the focus of the latter is on the repair of buses and related transit equipment.

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

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

Performs skilled tasks in the repair and maintenance of light automotive equipment including City cars, pickups, and other light equipment.

Performs engine tune-ups and adjustments using standard testing and diagnostic equipment

Inspects, diagnoses, repairs, and maintains diesel, gas and alternative fuel engines, drive train, brakes, suspension, steering, electrical including electrical systems, heating, ventilation and air conditioning and related components of transit vehicles and mechanical equipment.

Maintains records of work performed and assists in the training of subordinates.

Responds to road calls to repair light automotive and mechanical equipment.

Maintains a clean work area and assists with the cleaning of shop areas and equipment.

Performs related duties as required.

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

### **Knowledge of:**

The methods, materials, tools, and techniques used in the repair and maintenance of light automotive equipment.

The principles of operation of automotive 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 automotive vehicles and related systems.

### **Skill to:**

Properly use hand and power tools and equipment used in gasoline and diesel automotive maintenance and repair.

Safely operate a motor vehicle.

### **Ability to:**

Diagnose malfunctioning mechanical and electrical systems and related sub-systems.

Understand and carry out written and oral instructions.

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

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

Adapt available tools and repair parts to specific repair problems.

Use fleet electronic diagnostic tools utilized in assigned area of responsibility.

Establish and maintain effective working relationships with employees and the general public.

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

### **MINIMUM QUALIFICATIONS**

Possession of a High School Diploma or equivalent GED completion;

#### **AND**

Two (2) years of full-time paid light equipment engine mechanical maintenance and repair experience; OR, two (2) years of experience as an Equipment Service Worker II with the City of Fresno.

#### **AND**

Possess the following three (3) valid certifications issued by the National Institute for Automotive Service Excellence (ASE):

Engine Repair (A1)

Brakes (A5)

Electrical/Electronic Systems (A6)

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

Possession and continued maintenance of a valid Class C California Driver's License will be required for entire term of employment in this class.

Capable of acquiring a Commercial Class B Driver's License, depending on assignment. Maintain a valid Commercial Class B Driver's License, depending on assignment, for the entire term of employment.

Within six (6) months of appointment, selected incumbents must obtain, and maintain three (3) additional ASE certifications in the following components:

Automatic Transmission/Transaxle (A2)

Manual Drive Train & Axles (A3)

Suspension & Steering (A4)

Heating & Air Conditioning (A7)

Engine Performance (A8)

Light Vehicle Diesel Engines (A9)

A Light Equipment Mechanic I may be promoted to Light Equipment Mechanic II after one (1) year of experience and upon the recommendation of the appointing authority and possession at time of promotion of three (3) ASE certifications as listed on the Light Equipment Mechanic I job specification.

APPROVED: Signature on File DATE: 11/30/16  
Director of Personnel Services

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