

BUS MECHANIC II

DEFINITION

Under general supervision, performs journey level maintenance and repair on diesel, gasoline and/or alternative fuel City buses and related equipment.

SUPERVISION RECEIVED/EXERCISED

The Bus Mechanic II receives supervision from an Equipment Supervisor. The class does not exercise supervision.

DISTINGUISHING CHARACTERISTICS

Bus Mechanic II is the journey level class in the Bus Mechanic series. Incumbents perform fully skilled maintenance and repairs on diesel, alternative fuel and/or gasoline powered buses and related equipment. This class is distinguished from Bus Mechanic Leadworker in that the latter is the advanced working/lead level class in the series. It is distinguished from Bus Mechanic I in that the latter is the trainee level class in which incumbents work under close supervision while receiving training in maintaining and repairing buses and related equipment in City Transit buses.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

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

Performs skilled tasks in the repair and maintenance on buses and related transit equipment.

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

Inspects, diagnoses, repairs, and maintains diesel, gasoline, 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 buses and related 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 buses and related transit equipment.

The operating principles of heavy duty engine and sub-systems.

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

Troubleshooting and diagnostic practices and techniques for buses and related transit equipment.

Ability to:

Understand and carry out written and oral instructions.

Adapt available tools and repair parts to specific repair problems.

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

Diagnose mechanical and electrical systems and related sub-systems.

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

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

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

Skill in:

Properly use hand and power tools and equipment used in transit maintenance and repair.

Safely operate a motor vehicle.

MINIMUM QUALIFICATIONS

Possession of a High School Diploma or equivalent GED Completion;

AND

Three (3) years of full-time paid heavy mechanic experience preferably in the maintenance and repair of transit bus or school bus;

AND

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

Diesel Engines (H2)
Drive Train (H3)
Brakes (H4)

Special Requirement(s):

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

Compressed Natural Gas (CNG) Engines (H1)
Suspension/Steering (H5)
Electrical/Electronic Systems (H6)
Heating, Ventilation & Air Conditioning (H7)
Preventive Maintenance & Inspection (H8)

Possess a valid California Driver's License at time of appointment. Within thirty (30) days of appointment must obtain a valid Commercial Instructional Permit. Within six (6) months must obtain and maintain a valid Commercial Class B California Driver's License, with required endorsements and without air brake restriction.

A Bus Mechanic I may be promoted to Bus Mechanic II upon recommendation of the appointing authority and after one (1) year of satisfactory experience as a Bus Mechanic I with the City of Fresno, AND possession at time of promotion three (3) ASE certifications as listed in the Bus Mechanic I job specification.

APPROVED: _____
Signature on File
Director of Personnel Services

DATE: 11/30/16