

## MECHANIC II

### DEFINITION

Under direction, perform a variety of skilled level repair, overhaul and maintenance of buses, passenger vehicles, trucks and a variety of other gasoline and diesel powered motorized equipment; and do other related work as required.

### ESSENTIAL FUNCTIONS

Inspect and diagnose mechanical defects on a variety of gasoline and diesel powered buses, trucks, automobiles, tractors and other motorized equipment; review mechanical repair orders; observe, listen and diagnose mechanical defects and malfunctions; rebuild, replace or overhaul, engines, transmissions, differentials, starters, generators, braking systems, clutches, carburetion systems, electrical systems and other mechanical assemblies; perform engine tune-ups and ignition system adjustments; inspect, adjust and reline brakes; use a variety of hand tools, diagnostic equipment, welding equipment, and mechanical aids in the repair, adjustment and maintenance of motorized equipment; perform road tests and inspect buses and other automotive equipment to ensure that malfunctions have been corrected and that the equipment is functioning properly; estimate time and material costs concerning repair and maintenance functions; may utilize electric and gas welding equipment, lathes and drill presses in repairing and fabricating parts; respond to emergency roadside service needs; maintain a variety of files and records pertaining to motorized equipment repair, overhaul and maintenance.

### EMPLOYMENT STANDARDS

#### KNOWLEDGE AND ABILITIES

##### Knowledge of:

Methods, materials, tools and equipment used in the maintenance and repair of a variety of gasoline and diesel powered motorized vehicles and equipment;  
Principles and theories of the internal combustion engine;  
Legal mandates, policies, regulations and guidelines pertaining to the repair, overhaul and maintenance of transportation and automotive equipment;  
Safe working methods and procedures.

##### Ability to:

Diagnose and locate mechanical and electrical malfunctions and defects;  
Perform skilled gasoline and diesel automotive repair, overhaul and maintenance functions;  
Operate a variety of equipment utilized in the repair and maintenance of gasoline and diesel powered motorized vehicles and equipment;  
Interpret mechanical and electrical schematics and diagrams;  
Maintain simple records and prepare complete and concise reports;  
Understand and carry out oral and written directions;  
Establish and maintain an effective working relationship with those contacted in the course of work;  
Relate effectively with racially and ethnically diverse staff, students and community.

#### EDUCATION AND EXPERIENCE

##### Education:

Equivalent to the completion of the twelfth grade, supplemented by training or coursework in gasoline and diesel powered motorized equipment repair, over-haul and maintenance.

Experience:

Two years of experience as a journeyman level heavy duty, gasoline and diesel powered automotive mechanic.

REQUIRED LICENSES AND/OR CERTIFICATES

Possession of a valid and appropriate California Driver's License (Class B); have an acceptable driving record.

PHYSICAL REQUIREMENTS AND WORKING CONDITIONS

Strength:

Heavy work - lifting, carrying or pulling objects up to 100 pounds. Physical dexterity in limbs and digits necessary to operate a motor vehicle, hand and power tools, and a variety of machinery and equipment used in automotive repair.

CONDITION OF EMPLOYMENT

Insurability by the District liability carrier.

Pre-placement Physical: Class I