

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, diesel powered and other motorized equipment; and do other related work as required.

ESSENTIAL FUNCTIONS

Inspect and diagnose mechanical defects on a variety of gasoline, diesel, Electric Vehicle (EV) and alternative fuel powered buses, trucks, automobiles, 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, fuel systems, electrical systems, and other mechanical assemblies; perform engine tune-ups and ignition system diagnosis; 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 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 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 diesel, EV, and alternative fuel powered vehicles and equipment;
Principles and theories of the internal combustion engine and electric drive vehicles;
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, diesel, EV, and alternative fuel powered repair, overhaul, and maintenance functions;
Operate a variety of equipment utilized in the repair and maintenance of gasoline, diesel, EV, and alternative fuel powered 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, diesel, EV, and alternative fuel powered equipment repair, over-haul, and maintenance.

Experience:

Two years of experience as a journeyman level heavy duty, gasoline, diesel, EV, and alternative fuel powered vehicle mechanic.

REQUIRED LICENSES AND/OR CERTIFICATES

Possession of a valid and appropriate California Commercial Driver's License - Class B or must obtain a California Commercial Driver's License – Class B within six (6) months of hire date; 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