

MECHANIC II - TRANSPORTATION

DEFINITION:

Under supervision of the Director of Transportation, performs skilled work at the journeyman level in the maintenance and repair of school buses, cars, and related equipment.

QUALIFICATIONS:

Experience: A minimum of two years of experience in vehicle maintenance and repair which must include one year in heavy gasoline and diesel-powered vehicles.

Education: Any combination equivalent to graduation from high school supplemented by courses in vehicle repair and equipment technology.

Other: Possession of a current California Commercial Driver's License (CDL) with a passenger endorsement; possession of a standard heavy-duty vehicle mechanic tool set.

ESSENTIAL DUTIES AND RESPONSIBILITIES:

- Inspects and repairs gasoline, diesel, alternative fueled buses and other vehicles
- Changes clutches, transmissions, engines, axles, and other major parts of school buses and other equipment
- Rebuilds carburetors, distributors, brake systems, injectors, and pumps
- Services vehicles with fuel, oil, and grease
- Checks and cleans radiators; steam cleans major components; changes and repairs tires and tubes
- Adjusts and replaces necessary units and related parts including coils, condensers, points, spark plugs, and fuel pumps
- Trouble shoots and repairs electrical systems
- Performs gas and arc welding repair; performs minor body repair; replaces or repairs upholstery; spot paints
- Replaces vehicle glass; periodically inspects vehicles for proper mechanical operation; maintains vehicle service and operation records; maintains records on small stock of fast moving repair parts and supplies; makes service and road calls, and performs minor maintenance on stalled or disabled vehicles
- Certifies smog test compliance of District vehicles
- Performs related duties as required

KNOWLEDGE:

- Standard practices, equipment, and tools of the heavy duty mechanic trade
- Operating principles of automotive equipment and related parts and accessories
- Provisions of the California Motor Vehicle Code and the Education Code, applicable to the operation of vehicles in transporting students
- First aid practices

ABILITY:

- Adapt available tools and repair parts to specific repair problems
- Understand and carry out oral and written instructions
- Establish and maintain effective working relationships with employees and administrators
- Perform gas and arc welding
- Make repairs and adjustments to diesel and gasoline power equipment

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PHYSICAL REQUIREMENTS:

Physical Abilities include the usual and customary methods of performing the job's functions and require the following physical demands: lifting, moving, grasping, carrying, pushing and/or pulling, manipulating heavy objects; climbing and balancing, stooping, kneeling, crouching; reaching, handling, touching and/or feeling; manual dexterity to operate a telephone, enter data into a computer, and operate other tools and equipment. Test drive vehicles.

Significant physical abilities include ability to sit at a desk, conference table, or in meetings of various configurations for extended periods of time; see and read, with or without visual aids, laws and codes, rules, policies and other printed matter, computer screens and printouts; hear and understand speech at normal room levels and hear and understand speech on the telephone; speak in audible tones so that others may understand clearly in normal conversations.

ENVIRONMENTAL CONDITIONS:

Work near hazardous equipment and machinery with moving parts, exposure to chemical fumes and vapors such as gasoline and diesel fuel, dust, noise, odors, seasonal heat and cold or adverse weather conditions.