

MILPITAS UNIFIED SCHOOL DISTRICT

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**TITLE: JOURNEYMAN – DIESEL MECHANIC**

**REPORTS TO: Operations Supervisor**

**DEPARTMENT: Maintenance/Operations/Transportation**

**CLASSIFICATION: Classified**

**WORK YEAR: 12 Months**

**SALARY: RANGE 31**

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**BASIC FUNCTION:**

Diagnoses and performs skilled mechanical repairs and maintenance on large and small gasoline and diesel powered school buses, trucks and other mechanical equipment.

**ESSENTIAL FUNCTIONS AND REPRESENTATIVE DUTIES:**

Diagnoses mechanical, electrical and safety defects and performs complex mechanical repairs on gasoline and diesel powered school buses, trucks, automobiles and similar mechanical equipment.**E**

Inspects district mechanical equipment and vehicles and carries out a preventative maintenance program.**E**

Major and minor engine overhauls.**E**

Adjusts and rebuilds transmissions; adjusts carburetors and tunes-up ignition systems.**E**

Relines and adjusts brakes.**E**

Repairs, installs and adjusts clutches.**E**

Rebuilds bus air compressors.**E**

Repairs electrical and safety systems on vehicles.**E**

Determines needs and replaces or adjusts/repairs all engine parts.**E**

Uses contract services for boiling out radiators, carburetors and similar equipment.**E**

Does welding as required.**E**

Lubricates and services vehicle and other mechanical equipment.**E**

Maintains logs and records of repair, inventory and other records.**E**

Cooperates with Highway Patrol inspectors and corrects mechanical and safety equipment.**E**

Performs related duties as required.

*QUALIFICATION REQUIREMENTS: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

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**ENTRANCE QUALIFICATIONS:**

Any combination equivalent to: Graduation from high school, preferably having completed the high school course in auto mechanics; and skilled journeyman auto mechanic with completion of apprenticeship training, and three (3) years of journeyman level shop experience in maintenance and repair of all mechanical and electrical vehicle components consisting of direct repair of diesel-powered units. Completion of two (2) years training with diesel-powered units at a trade school may substitute for one year of the required and recent experience. Ability to pass the District Proficiency Examination at the level appropriate to the job classification.

**KNOWLEDGE AND ABILITIES:****KNOWLEDGE OF:**

Tools, equipment and procedures used in the repair and the overhaul of heavy duty vehicle mechanical components.

Principles and methods used in a program of preventative maintenance of pupil transportation vehicles and other mechanical equipment.

Required safety devices on school buses and other vehicles.

Proper testing of equipment to use on overhauling and electrical repairs.

Proper procedures for repairing ignitions, electrical systems, carburetors, and air/hydraulic and mechanical brake systems.

Proper and safe procedures for electrical and acetylene welding.

Requisitioning parts, supplies and equipment

Correct English usage.

Inventory record keeping.

**ABILITY TO:**

Skillfully and efficiently repair and overhaul automotive equipment.

Perform preventative maintenance on automotive and mechanical equipment.

Diagnose mechanical difficulties and make appropriate repairs.

Carry out oral and written directions, read, write and speak at a level sufficient to fulfill the duties to be performed.

Use standard tools and garage equipment.

Perform safety repairs on buses and vehicles.

Overhaul motors, transmissions, differentials and similar equipment on both gasoline and diesel powered buses.

Overhaul air, hydraulic and mechanical braking systems;

Maintain cooperative working relationships with those contacted during the performance of required duties.

Change and repair tires on vehicles.

Interpret technical materials and diagrams.

**WORKING CONDITIONS:****ENVIRONMENT:**

*The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

Outside environment; work around loud noise.

**PHYSICAL ABILITIES:**

*The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.*

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**WORKING CONDITIONS (continued):**

PHYSICAL ABILITIES: (continued)

Mobility to stand, stoop, reach and bend; mobility of arms to reach and dexterity of hands to grasp and manipulate small objects; stand for long periods; walk long distances; frequent lifting, pushing and/or pulling of objects which may approximate 50 pounds and may occasionally weigh up to 100 pounds.

HAZARDS:

Wear protective apparel including goggles, face protectors, aprons, shoes and oxygen breathing apparatus; work around moving mechanical parts; work around electrical current.

**LICENSES:**

Possess and maintain a valid California Motor Vehicle Operator=s license.  
Proof of Journeyman level qualifications.

*The information contained in this job description is for compliance with the American with Disabilities Act (A.D.A.) and is not an exhaustive list of the duties performed for this position. Additional related duties are performed by the individuals currently holding this position and additional duties may be assigned.*