

MODESTO CITY SCHOOLS

Job Description

JC# 1765

EQUIPMENT MECHANIC

OVERALL RESPONSIBILITY

Under general supervision, do skilled mechanical and/or fabrication work.

SPECIFIC RESPONSIBILITIES

1. Inspect for safety and diagnose mechanical defects in school buses, trucks, mowers, tractors and other mechanical equipment.
2. Grind valves, recondition and overhaul automatic and standard transmissions and differentials.
3. Lubricate, change oil, maintain batteries, change tires and service equipment.
4. Make service calls for emergency repairs using tow truck or auxiliary vehicle.
5. Prepare and paint vehicles, bus bodies and other equipment.
6. Troubleshoot, disassemble, recondition, repair, replace, and/or adjust motors, diesel engines and brakes systems, hydraulic systems, generators, starters, lighting systems, wheel bearings, fuel pumps, vehicle windows and window frames, body panels, vehicle floors, and ignition and fuel systems.
7. Operate and maintain welding units, power tools, hand tools and fabrication equipment.
8. Keep necessary records (e.g. time, labor, materials expended per job, requisition materials needed for jobs, budget documents, etc.).
9. Lead the work of helper(s).
10. Adhere to State, County and District safety standards codes and procedures.
11. Understand and implement oral directions and directions written in English.
12. Perform basic arithmetic calculations and read calipers, micrometers and related test equipment with speed and accuracy.
13. Wear breathing apparatus, face protector, shoes, eye goggles, rubberized jacket, pants and boots, welding hood and face shield, welding gloves, and hearing protectors as directed.
14. Maintain a valid California Commercial Driver's License - Class B with Air Brake Certificate.
15. Maintain participation in CA DMV Assessment System/Automatic Pull Program.
16. Obtain Department of Transportation Power Industrial Truck Operator's Permit within sixty (60) days of employment and maintain the permit thereafter.
17. Effectively communicate and maintain cooperative relationships with those contacted in the course of work.
18. Perform other related duties as assigned.

EQUIPMENT MECHANIC (continued)

SALARY

Classified Unit Salary Schedule

QUALIFICATIONS

Knowledge/Ability

Minimum Requirements:

- Knowledge of principles of internal combustion engines.
- Knowledge of electrical and electronic systems.
- Knowledge of and ability to diagnose and repair mechanical difficulties.
- Knowledge of equipment safety practices and procedures.
- Knowledge of the use of materials, tools and methods used in the repair and maintenance of motorized equipment.
- Knowledge of and ability to perform data entry functions.
- Ability to operate a wide variety of equipment (e.g. tow truck, man lift, fork lift, school bus, etc.).
- Ability to understand and implement oral directions and directions written in English.
- Ability to read calipers, micrometers and related test equipment with speed and accuracy.
- Ability to perform mechanical work on different makes and models of transportation equipment.
- Ability to repair and maintain hydraulic systems.
- Ability to make time and material estimates.

Experience

Minimum Requirement:

- Four (4) years experience as a general automotive repair person or forty-eight (48) months experience as a general automotive repair person acquired through an accredited apprenticeship program, skill training program or general equipment mechanic.

Education

Minimum Requirement:

- Graduation from high school or General Education Development (GED) Certificate or California High School Proficiency Examination (CHSPE) Certificate.

Tools

- Individual must provide basic hand tools necessary to perform the duties and responsibilities of this position.

Physical Characteristics

With or Without the Use of Aids:

- Sufficient vision to read printed material, read diagrams and blueprints, and drive and operate equipment.
- Sufficient depth perception. Sufficient color acuity to identify color-coded wiring.
- Sufficient hearing to detect air/gas leaks and diagnose equipment malfunctions. Sufficient hearing to hear work area noise and normal conversation in person and on the telephone.
- Ability to speak in a normal voice to be able to be heard and understood on the telephone and at the work site.
- Ability to reach horizontally and vertically with arms. Sufficient dexterity to operate hand and power tools requiring strength and coordination, manipulate small objects, print or write legibly, operate precision tools, and make minute repairs.
- Sufficient physical ability, strength, mobility, and stamina to drive a vehicle, climb ladders, bend, stretch, stand, kneel, walk, stoop, crawl, and extend legs. Sufficient physical ability, strength, mobility, and stamina to perform heavy physical labor in hot, cold and inclement weather conditions. Sufficient physical ability, strength, balance, mobility and stamina to tolerate working at heights up to 25 feet, sometimes in precarious positions. Sufficient physical ability, strength, mobility and stamina to lift, carry, push or pull objects which may frequently exceed 75 pounds in a series of functional tests which clearly simulates the work environment. Sufficient physical ability, mobility and stamina to work in small spaces with arms extended.
- Physical tolerance to chemical odors, paint spray, and chemicals.

EQUIPMENT MECHANIC (continued)

License(s)/Certificate(s)/Permit(s)

Possession and maintenance of:

Valid California Commercial Driver's License - Class B with Air Brake Certificate.

Valid medical examiner's certificate issued in accordance with the motor carrier safety regulations of the Department of Motor Vehicles.

Department of Transportation Power Industrial Truck Operator's Permit to be obtained within the first sixty (60) days of employment.

Must provide a DMV printout within five (5) work days of offer of employment.

Pre-Employment Physical Examination

A physical and tuberculosis examination is required as a condition of employment.

Examinations shall be administered by a District provider and be at the District's expense.

Individuals must evidence ability to perform physical requirements of position and test negative for drugs, alcohol and tuberculosis.

REPORTS TO:

Supervisor of Transportation

Revised: 5/22/96

Cabinet Approved: 6/4/96

Unit Approved: 6/5/96

Board Approved: 7/1/96

Revised: 10/30/03