

LOS ALAMITOS UNIFIED SCHOOL DISTRICT
Office of the Personnel Commission

CLASS TITLE: MECHANIC

BASIC FUNCTION:

Under general supervision of a Maintenance Supervisor, use journey level skills, maintain and make mechanical repairs to gas, diesel and alternative fuel powered buses, trucks, automobiles and other mechanical equipment.

REPRESENTATIVE DUTIES:

1. Checks gas, alternative fuel, and diesel school buses for conformance to California Highway Patrol standards.
2. Inspects, diagnoses and makes skilled repairs of mechanical defects in school buses, automobiles, trucks and other mechanical equipment.
3. Does all major engine and other mechanical repair work using computerized and non-computerized test equipment.
4. Maintains mechanical equipment and performs general overhauling.
5. Repairs engines, transmissions, suspensions, drive systems, hydraulic systems, hydraulic and air brakes, steering, emission control and exhaust, electrical, cooling, air conditioning, ignition systems, fuel and air systems.
6. Adjusts and relines brakes, turns drums, tunes engines, and installs batteries, wiring, window glass and door handles.
7. Greases and services equipment.
8. Maintains accurate records of repairs made and time worked.
9. Recommends purchase of needed parts and tools.
10. Drives and tests school buses. Drives district vehicle to pick up or deliver goods, parts, or repaired items.
11. Cleans tools and work areas.
12. Provides emergency road service and emergency repairs to disabled buses and other district vehicles as required.
13. Performs body and paint work on District buses and vehicles.

14. Lead the work of others: works overtime to perform emergency repairs.
15. Operate a forklift to load or unload items.
16. Wash and wax vehicles
17. Performs other related duties as needed.

KNOWLEDGES AND ABILITIES:

KNOWLEDGE OF:

The tools, equipment and procedures used in the general overhaul, repair and maintenance of busses and trucks.

Laws governing equipment and vehicle standards for school buses.

Computerized engine management systems.

ABILITY TO:

Diagnose malfunctions, estimate the cost of repairs and make mechanical repair to a variety of gasoline, diesel, alternative fuel engines and any future technology that the district adopts

Perform body repair and painting of buses and other district vehicles.

Skillfully operate a wide variety of equipment and tools used in repairing or servicing motorized equipment.

Maintain accurate related work records.

Follow oral and written instructions.

Maintain harmonious working relationships with school officials, other employees and the public.

Learn new skills to keep current with technology changes.

Lift, bend, stoop and work in awkward positions.

Maintain insurability to drive a District vehicle.

Perform heavy manual labor.

Lift objects weighing up to 100 pounds.

EDUCATION AND EXPERIENCE:

Completion of a recognized heavy equipment mechanic apprenticeship program or equivalent, and one year's experience as a journey level heavy duty mechanic involving work on buses and trucks.

Possession of a valid California Special Driver Certificate for School Bus (DL-45) and ability to drive school bus routes.

LICENSES AND OTHER REQUIREMENTS:

A valid Class A or Class B California Driver's License and remain insurable at the standard insurance market rate; medical examination required every two years. Current H-6 Printout.

WORKING CONDITIONS:

Indoor and outdoor environment; in all kinds of weather to repair vehicles, including buses, trucks, tractors, backhoes, and other heavy duty equipment. Lifts, carries 50 lbs and on occasion up to 100 lbs without assistance, pushes, pulls or moves up to 100 lbs.; stand, walk, sit, kneel, squat, crawl, stoop, bend, climb; use repetitive twisting/pressure involving wrists/hands; work with arms above shoulder level; repetitive use of hand, arm, shoulder; talk and hear normal

conversation; exposed to temperature changes; work in damp or wet areas; frequently have hands in water; close/distance vision and depth perception; regular exposure to hot engines, airborne particles, strong odors, fumes, flammable substances, chemicals, toxic materials; work around moving vehicles; exposed to minor contagious diseases; have direct contact with students, district staff, site administrators, general public; work independently; work with tools, power tools and equipment (e.g. engines, air compressors) with noise levels up to 108dB; wear personal protective equipment such as eye and ear protection as may be required.

RANGE: 78

ADOPTED BY PERSONNEL COMMISSION: December 5, 2018
APPROVED BY BOARD OF EDUCATION: December 11, 2018