

CITY OF GLENDALE

TITLE:	Equipment Mechanic Specialist	CLASS CODE:	885
REPORTS TO:	Shop Supervisor	GRADE:	24
DEPARTMENT:	Field Operations	FLSA:	N
JOB DESCRIPTION DATE: September 16, 2008 RT			

JOB SUMMARY

Performs vehicle and equipment repair in one of the following specialized areas: heavy gasoline and diesel powered equipment repair, electrical systems, transmission repair, industrial and construction equipment repair, or fire fighting and rescue equipment repair.

ESSENTIAL FUNCTIONS

1. Performs work according to service manuals, schematics and hydraulic flow charts.
2. Diagnoses and repairs all types of heavy gasoline and diesel powered equipment including, but not limited to, sanitation trucks, dump trucks, street sweepers, rollers, tractor trailers, fork lifts, paint strippers, buses and equipment trailers.
3. Diagnoses, maintains, repairs, rebuilds or adjusts air, electric, and hydraulic brakes, hydraulic and electrical systems and components, computerized engine and transmission controls, drive trains, gas and diesel engines, cooling systems, air conditioning and steering components.
4. Performs maintenance including preventive maintenance and repairs, removes and replaces hydraulic, electric, drive line, gas and diesel engines, transmission cooling and steering systems and components; and cutting edges ripper teeth and bulldozer blades.
5. Performs maintenance and repairs, including preventive maintenance, on Fire equipment including electrical, brakes, cooling system, suspension, steering components, front-end alignment, drive line, fuel, water and air filters, water valves, plumbing, nozzles, gauges, and hydraulic valves and systems.
6. Prepares fire trucks for the annual certification inspection of pumps and aerial ladder truck; checks/repairs ladder for inspection.
7. Tests vehicles, trucks, and equipment for proper operation by operating/driving and using test equipment.
8. Estimates the cost and time of repairs and determines the most cost-effective methods.
9. Determines if parts will be repaired or replaced.
10. Maintains daily work records on work done, material used and time spent.
11. Uses and disposes of hazardous materials according to established guidelines.
12. Performs minor and major tune-ups.
13. Services standby generators and air compressors at station houses; modifies equipment to fire department needs.
14. Occasionally performs engine overhauls, tests, maintenance and repair on types of equipment outside of the assigned area of responsibility.
15. Fabricates parts, hoses, and tools, electrical and hydraulic systems.

SECONDARY FUNCTIONS

16. Performs other related duties as assigned.

KNOWLEDGE, SKILLS, ABILITIES

Knowledge of:

Principles and practices of equipment repair in the following specialized fields: heavy gasoline and diesel powered equipment repair; transmission repair; industrial and construction equipment repair; or fire and rescue equipment repair

Accepted methods, practices, materials and tools of the specialty field to which assigned

Brake, hydraulic, electrical, drive line, gas and diesel engines, steering, cooling and air conditioning system and components

Proper use and disposal of hazardous materials in accordance with established guidelines

Ability to:

Research information regarding special parts and identifies ways to procure them

Diagnose and repair complex repair problems within accepted guidelines

Adapt tools and materials to special problems

Establish and maintain effective working relationships with staff, vendors, and the public

Communicate effectively verbally and in written work reports

WORKING CONDITIONS

Work involves moderate to heavy lifting of parts and equipment, extensive walking, standing, bending and exposure to seasonal weather conditions, exhaust fumes, chemical fumes, high noise levels, residential and commercial waste, acid, oil, grease and hazardous materials and equipment. Hazards may be reduced through the exercise of safety precautions.

MINIMUM QUALIFICATIONS

High school education and four years experience as a skilled Equipment Mechanic in a specialized field of equipment repair including tune-ups, heavy gasoline and diesel powered equipment repair, hydraulic systems, electrical systems, industrial and construction equipment repair, fire and rescue equipment repair.

Any equivalent combination of training and experience that provides the required knowledge, skills, and abilities, is qualifying.

SPECIAL REQUIREMENTS

Commercial Driver's License and endorsements required within 90 days of hire.

May be required to work evening shift.

May require a valid Arizona State CFD Emissions License.

Air-conditioning repair certification.

Must provide own tools.

Applicants will be required to undergo drug testing prior to employment and will be subject to further drug and alcohol testing throughout their period of employment in accordance with the City of Glendale

Substance Abuse policy.