



FLSA: COVERED
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POWER EQUIPMENT MECHANIC-LEAD

DEFINITION

Under general supervision, to inspect, diagnose, overhaul and make major and minor mechanical repairs to gasoline and/or diesel-powered automotive and heavy equipment; to supervise and provide training for staff; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

This is the advanced journey level and lead class in the Power Equipment Mechanic series. Positions in this class diagnose a wide variety of mechanical problems and perform the full range of adjustment and repair work on automotive and heavy equipment. They are expected to perform assignments with a high degree of skill and independence. The class is distinguished from Power Equipment Mechanic II by the responsibility for supervising and training staff.

REPORTS TO

General Service Director and/or Public Works Maintenance Superintendent.

CLASSIFICATIONS SUPERVISED

Provides lead direction for Power Equipment Mechanic I, Power Equipment Mechanic II and some temporary staff.

EXAMPLES OF DUTIES

The following are the duties performed by employees in this classification. However, employees may perform other related duties at an equivalent level. Each individual in the classification does not necessarily perform all the duties listed.

- Performs supervision of the Equipment Shop
- Provides direction and training for employees engaged in the maintenance and repair of a wide variety of automotive and diesel-powered equipment, including graders, dozers, rollers, trucks, and backhoes
- Makes decisions as to the extent and type of repairs to be done on individual pieces of equipment
- Estimates the costs of automotive and equipment repairs
- Requisitions automotive and diesel-powered equipment parts
- May assign and train mechanics in inspecting, diagnosing, repairing, replacing,

adjusting, and tuning up all types of vehicles and equipment, components, engines, transmissions, brakes, and electrical systems; performs major and minor mechanical repairs including engine tune-ups, brake relining, electrical system repairs, and radio installations

- Disassembles, repairs, grinds, or replaces worn parts
- Fits new parts and adjusts engines, water and fuel pumps, carburetors and fuel injectors, governors, starters, clutches, transmissions, differentials, brakes, and steering mechanisms
- Demonstrates the best methods of doing repair work on heavy automotive equipment
- Inspects all shop work
- Keeps records of repairs and maintenance work done
- Prepares reports
- Requests supplies and materials needed
- Implements shop safety practices and procedures
- Discusses work progress with General Services Administration Director
- Attends and conducts meetings, schedules repairs and maintenance, and is responsible for the inventory of shop equipment, tools, parts, and supplies.

ESSENTIAL QUALIFICATIONS

Knowledge of:

- Principles of supervision
- Methods, materials, tools, and equipment used in the testing, adjustment, repair, and overhaul of gas and diesel-powered equipment.
- Theory and operation of gasoline and diesel engines.
- Principles and methods of gas and electrical welding and painting techniques.
- Safe work practices and Federal and State safety regulations.
- Principles and methods used in a program of preventive maintenance.
- Hydraulic valves and controls, hydraulic and air brake systems and electronic ignition systems.
- Tools, methods, materials and equipment used in automotive and body repair work.
- Principles and techniques of direction and training.
- Inventory Methods.

Ability to:

- Provide direction and training for other staff.
- Inspect and accurately diagnose mechanical defects.
- Skillfully use a variety of hand and power tools in the repair of automotive and heavy equipment.
- Perform highly skilled testing, adjustment, repair, and overhaul work on gasoline and diesel powered automotive and heavy equipment.

- Estimate time and materials for repair jobs.
- Operate a variety of automotive and heavy equipment.
- Design and fabricate tools and equipment.
- Prepare, clear, concise and accurate records and reports.
- Establish and maintain cooperative working relationships.

TYPICAL PHYSICAL REQUIREMENTS

Sit for extended periods; frequently stand, walk, stoop, kneel, and crouch; physical ability to lift and carry objects weighing up to 50 pounds unassisted; normal manual dexterity and eye-hand coordination; corrected hearing and vision to normal range; verbal communication; use of equipment including hand and power tools, electrical testing equipment, telephones.

TYPICAL WORKING CONDITIONS

Work is performed in office and shop environments; occasionally works outside; some exposure to smoke, gasses, and fumes; exposure to hazards such as moving machine parts and electrical current; continuous contact with staff and the public.

TRAINING AND EXPERIENCE

Any combination of training which would likely provide the required knowledge and experience is qualifying. A typical way to obtain the required knowledge and abilities would be:

Education and Experience

Two (2) years of skilled heavy equipment repair work at the level of Power Equipment Mechanic II with Amador County, and/or two (2) years of supervision of Power Equipment Mechanic I and/or II.

SPECIAL REQUIREMENTS

Possession of a valid and current California Driver's License issued by the Department of Motor Vehicles.

This position, in the Public Works Agency, requires a valid Class A Commercial License with no restrictions and the following endorsements:

- Air Brake
- Tanker