

LEAD POWER EQUIPMENT MECHANIC

DEFINITION

Under general supervision, to provide lead direction, work coordination, and training for other Power Equipment Mechanics; to assist the Equipment Maintenance Supervisor with the day-to-day supervision of Equipment Maintenance functions; to inspect, diagnose, overhaul and make major and minor mechanical repairs to gasoline and/or diesel-powered automotive and heavy equipment; and to do related work as required.

DISTINGUISHING CHARACTERISTICS

This is the lead supervision class in the Power Equipment Mechanic class series. Positions in this class have responsibility for training subordinates, providing lead direction, and serving as Equipment Maintenance Supervisor in the Supervisor's absence. They also perform the full range of skilled adjustment and repair work on automotive and heavy equipment.

REPORTS TO

Equipment Maintenance Supervisor.

CLASSIFICATIONS DIRECTLY SUPERVISED

Provides lead direction for Power Equipment Mechanic I, II and Equipment Service Worker.

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EXAMPLES OF DUTIES

- Assists with the general supervision of the County Equipment Maintenance functions and activities.
- Provides lead direction, work coordination 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 supervisor.
- Attends and conducts meetings.

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; exposure to smoke, gasses, and fumes; exposure to hazards such as moving machine parts and electrical current; continuous contact with staff and the public.

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DESIRABLE QUALIFICATIONS

Knowledge of:

- 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 lead direction and training.

Ability to:

- Provide lead direction and training for other staff.
- Assists with the general supervision of County Equipment Maintenance functions and activities.
- 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.

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

Two (2) years of skilled heavy equipment repair work at the level of Power Equipment Mechanic II with Plumas County.

Special Requirements: Possession of an appropriate, valid California Driver's License issued by the Department of Motor Vehicles.