

POWER EQUIPMENT MECHANIC II

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 provide lead direction and training for other 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 I by the responsibility for training subordinates and providing lead direction.

REPORTS TO

GSA Support Services Director and/or Public Works Agency Power Equipment Mechanic III.

CLASSIFICATIONS DIRECTLY SUPERVISED

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

EXAMPLES OF DUTIES

Assists with the supervision of the Equipment Shop; provides lead 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 supervisor; attends and conducts meetings.

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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.

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.
- 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 I with Amador County.

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