

PERSHING COUNTY CLASS SPECIFICATION

ROAD EQUIPMENT MECHANIC

DEFINITION: Under general supervision, performs a variety of skilled light and heavy manual tasks to repair and maintain automobiles, trucks, and a variety of construction equipment, machines, and tools; and performs other work as assigned.

DISTINGUISHING CHARACTERISTICS: The Road Equipment Mechanic is assigned to maintain and repair a broad range of gasoline and diesel powered equipment both in the shop and in the field. Work is performed on all major systems of automotive and construction equipment. It is distinguished from the Road Equipment Service Worker by the diagnostic and repair of the operating systems of all of the equipment used by Pershing County.

EXAMPLES OF DUTIES: The duties listed below are examples of the work typically performed by employees in this class. An employee may not be assigned all duties listed and may be assigned duties which are not listed below. *Marginal duties* (shown in *italics*) are those which are **least** likely to be essential functions for any single position in this class.

Types Of Equipment serviced, maintained and repaired include but are not limited to automobiles, police, fire and emergency vehicles, pickup trucks, road graders, tractor-trailers (belly dumps, tankers, transport), dump trucks, water trucks, loaders, backhoes, dozers, rollers, sweepers, snowplows, and sanders.

1. Inspects and operates equipment to diagnose and repair diesel and gasoline engines, standard and automatic transmissions, clutch and brake systems, generator and starter systems, differentials and drive systems, pumps, steering systems, hydraulic systems, and other major automotive and equipment systems.
2. Diagnoses and corrects electrical problems and replaces defective electronic components; installs and repairs electrical and communication systems.
3. Performs preventive maintenance following a regular checklist that includes the inspection of brake systems, steering mechanisms, wheel bearings, and other important parts; adjusts or repairs or replaces hose parts which are not working properly.
4. Operates vehicles and equipment repaired to test for operating efficiency and to transport for repairs.
5. Orders necessary parts and supplies and maintains the inventory and stocking of parts.
6. Keeps records of time worked, equipment, parts and supplies used, and conditions observed.
7. Estimates cost of repairs using alternative methods and resources; recommends use of outside shops and the replacement of equipment.

8. Monitors expenditures for parts and outside services to assure compliance with budgets; accounts for variances between projected and actual costs.
9. Drives specially equipped service truck to reach disabled equipment at a construction site to repair or transport for repair.
10. Assists in welding operations to make repairs and to fabricate new parts and equipment, body repair and painting of equipment.
11. Assist the road crews in emergency situations and during peak work periods, as necessary.

QUALIFICATIONS FOR EMPLOYMENT

Knowledge and Ability:

Knowledge of methods, materials, tools, equipment, practices and procedures used in automotive and heavy equipment repair and maintenance of gasoline and diesel engines, electronic controls, electrical systems, fuel systems, hydraulic systems and other components and systems; basic mathematics.

Ability to diagnose, locate and repair automotive and electrical problems; safely operate a variety of equipment and tools; understand oral and written instructions and follow diagrams in technical manuals; maintain records; establish and maintain working relationships with staff and the public.

Special Requirements: Maintain a current Commercial driver's license for the equipment operated.

Experience and Training: Any combination of training, education and experience that would provide the required knowledge and abilities. A typical way to gain the required knowledge and ability is:

Two years of experience maintaining and repairing gas and diesel engines and other components of vehicles and construction equipment of the type used by Pershing County.

PHYSICAL DEMANDS

Strength, dexterity and stamina to stand for long periods, climb onto and into equipment, bend and kneel to work on low parts of vehicles, perform heavy manual tasks using hand tools such as wrenches and mallets, work while lying on back; pull, push and perform fine motor tasks while reaching; fine motor coordination to handle small parts and to adjust controls; strength to lift, pull, push and carry objects of 1 to 75 or more pounds; vision to identify and distinguish small parts in areas with limited light and to distinguish items with limited contrast; color vision to distinguish colors in wiring harnesses and to identify other color coded items; depth perception sufficient to maneuver tools, parts and equipment; and ability to hear changes in operation of motors and other equipment.

WORKING CONDITIONS

Maintenance and repair work are typically completed in the shops at the County Road yard; periodically assignments require making repairs in the field in extreme weather conditions and travel for long distances to transport equipment or pickup parts. Occasionally assigned to work independently in isolated geographic areas. Frequent exposure to petroleum product vapors. Skin contact with petroleum products.

FLSA Status: Non-Exempt

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