

CLASSIFICATION SPECIFICATION
ADAMS COUNTY

EQUIPMENT MECHANIC

NATURE OF WORK

This is skilled mechanical repair work.

This classification is responsible for performing duties associated with small engine repair and maintenance of diesel, gasoline, hydraulic, and electrical systems on public works equipment, including cars, trucks, tractors, graders, bulldozers, and backhoes. Applicants are required to have a considerable command of automotive systems and parts and are expected to diagnose mechanical problems using electric and mechanical testing equipment. Work will require employees to work in adverse weather conditions to repair equipment unable to return to the shop for service.

TYPICAL WORK TASKS

Assignments include but are not limited to:

Performs all necessary mechanic work on diesel and gasoline powered equipment and their related systems, transmissions, differentials, front and rear axle assemblies, and ignition systems.

Inspects, adjusts, and repairs valves, pistons, main bearing assemblies, and cooling, fuel and exhaust systems.

Performs a variety of preventative maintenance tasks on all equipment by checking, repairing and replacing brakes, lights, doors, steering gears, fuel pumps, carburetors, generators and alternators.

Documents all work performed; prepares purchase orders, work orders, preventative maintenance schedules and other records.

Operates a service truck equipped with tools and equipment to perform mechanical repairs in the field.

Leads or trains other department employees in maintenance and repair of equipment.

Performs other related duties as assigned.

Assignments are received in the form of written and verbal instructions of work orders identifying the needed repair or service. Work is reviewed by shop supervisor upon completion and by the performance of the equipment serviced for quality and timeliness of work performed.

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SELECTION CRITERIA

Knowledge of the tools, equipment, and technology used in the repair and maintenance of motorized equipment.

Knowledge of the principles governing internal combustion engines.

Knowledge of the hazards and safety precautions of the mechanical trade.

Knowledge of the principles of diesel engines.

Ability to diagnose electrical and mechanical failures.

Ability to comprehend technical instructions in repair manuals.

Ability to weld, fabricate, and modify equipment.

Ability to understand and follow verbal and written instructions and to interpret plans and sketches.

Skilled in the use and care of tools, equipment, and materials of the mechanical trade.

Skilled in locating and repairing defects in automotive equipment.

RECRUITMENT CRITERIA

A valid Washington State Class "A" CDL license.

Two years of experience in automotive mechanical repair work of automotive or diesel equipment; or

Substitute successful completion of a technical school training program or recognized apprenticeship program in mechanical gasoline or diesel repair.