

Platte County Highway Department
EQUIPMENT MECHANIC

SCOPE OF WORK

This is skilled technical and mechanical work performing maintenance on a variety of light, medium and heavy automotive and road construction/maintenance equipment. Work involves responsibility for diagnosis, repair and preventive maintenance on trucks, tractors, road graders, cranes and other general construction equipment. The employee must be able to inspect, detect and recommend service repair requirement prior to system failures. Supervision is received from the Shop/Equipment Facility Foreman with general supervision received from the Highway Superintendent and/or Assistant Highway Superintendent.

EXAMPLES OF WORK TO BE PERFORMED

Perform diagnostic, preventative and service maintenance on a wide scope of automotive and construction equipment such as trucks, motor graders, dozers, cranes to include changing fluids, oil and belts, repairing steering, suspension, brakes, fuel and ignition systems and hydraulics.

Perform maintenance road calls and field service to vehicles/equipment that is malfunctioning; perform welding; perform tire repair; operate light, medium and heavy equipment to identify needed repairs and to check performance following repairs; support department function by operating field equipment when necessary.

Inspect vehicles, trucks, tractors and other equipment for readiness condition, proper fluid levels, proper tire pressures, and other factors necessary for correct operation before use.

Complete records of vehicle maintenance such as work performed, description of corrective repairs, time spent, parts and materials used and cause of repair.

Maintain a safe and clean shop area as required.

Participate in snow removal.

Perform general related work as required.

KNOWLEDGE, SKILLS AND ABILITIES

Considerable knowledge of the design, construction, assembly, adjustment, repair and maintenance of a variety of light, medium and heavy automotive and construction equipment and machinery.

Considerable knowledge of the principles, practices and techniques of automotive and construction equipment maintenance and repair.

Ability to diagnose defects in all types of automotive and construction equipment.

Ability to determine the necessary procedures and parts required to complete repairs.

Ability to maintain records of repairs and service operations and complete various vehicle/equipment related reports.

Ability to perform manual labor.

Ability to recognize hazardous working conditions and effectively use prescribed safety practices.

Ability to work in variable weather conditions.

Ability to understand and carry out both verbal and written instructions and to work independently in the performance of routine work responsibilities.

Skill in the safe operation of specialized tools and equipment used in automotive and construction equipment repair and maintenance.

Skill in the safe operation of various light, medium and heavy automotive and construction equipment.

Ability to plan and organize work and to keep written records.

Ability to establish and maintain effective working relationships with co-workers, government officials and a diverse general public.

DESIREABLE QUALIFICATIONS

Graduation from a senior high school, or equivalent, supplemented by vocational/technical school training in the field of automotive mechanics and experience in light, medium and heavy automotive and construction equipment maintenance and repair.

MINIMUM QUALIFICATIONS

Graduation from a senior high school, or equivalent, and experience in preventive maintenance and repair of automotive and construction equipment or any equivalent combination of training and experience that provides the desirable knowledge, skill and ability.

Must have a commercial drivers license or the ability to obtain a CDL within a specific time.

WORKING CONDITIONS

Work in a mechanic shop and/or field setting with exposure too industrial noise, exhaust fumes, welding fumes, chemicals and ability to work non-routine schedule. Lifting requirement of up to 75 lbs.

NOTE

This description was prepared to indicate the types of activities and levels of work difficulty required of this position. It is not intended as a complete list of specific duties, responsibilities or assignments.