

MASON COUNTY ROAD & BRIDGE MECHANIC

This job description does not constitute an employment agreement between the employer and employee, does not necessarily include all the duties which may be required for this position, and may be revised as needed.

Summary of Position

This job involves skilled mechanical work in the maintenance, repair, and overhaul of diesel engines, gas engines, and heavy equipment. Responsibilities include repairing diesel engines, gas engines, cooling systems, air conditioning systems, electrical systems, fuel systems, hydraulic and air brake systems, hydraulic systems, and other miscellaneous repairs and modifications.

Essential Functions

- Test, replace, and repair fuel systems on various makes and models of heavy equipment using hand, electric, or air tools in order to maintain equipment in good working condition
- Test, replace, and repair cooling systems on various makes and models of heavy equipment using hand, electric, or air tools in order to maintain equipment in good working condition
- Test, replace, and repair air conditioning systems on various makes and models of heavy equipment using hand, electric, or air tools in order to maintain equipment in good working condition
- Test, replace, and repair drive trains and transmissions on various makes and models of heavy equipment using hand, electric, or air tools in order to maintain equipment in good working condition
- Test, replace, and repair electrical systems on various makes and models of heavy equipment using hand, electric, or air tools in order to maintain equipment in good working condition
- Test, replace, and repair hydraulic systems on various makes and models of heavy equipment using hand, electric, or air tools in order to maintain equipment in good working condition
- Order parts and keep records of parts and supplies used
- Perform routine maintenance such as oil changes, lubrication, and tire repair and replacement
- Interact with county officials, county employees, county residents, and other county and state organizations in a professional manner
- Arrive/depart work consistently and promptly.

Marginal Functions

- Perform other duties as assigned by supervisor within the scope of the department
- Ability to operate heavy equipment such as motor graders, bulldozers, loaders, and heavy trucks effectively in the construction and maintenance of county roads

Knowledge and Abilities

- Knowledge of departmental policies and procedures
- Knowledge of manufacturer's specifications, recommendations, and manuals for repair and service of heavy equipment
- Knowledge of operation, safety, occupational hazards, capabilities, limitations, and servicing requirements of heavy equipment, and the tools used in repairing them
- Knowledge of proper procedures for isolating and diagnosing problems with heavy equipment
- Ability to operate hand tools, electrical tools, air tools, cutting torches, and welders to make repairs on heavy equipments.
- Ability to perform inspect and service heavy equipment to include fueling, checking engine oil level, coolant level, tire pressure, belts and hoses, hydraulic levels, and lubrication of moving parts as needed to maintain and prevent breakdowns
- Ability to repair or replace hydraulic systems, fuel systems, brake systems, electrical systems, air conditioning systems, drive trains, and transmissions
- Ability to read at a level to comprehend manuals, reports, and handbooks
- Ability to write reports, fill in forms, and keep records
- Ability to perform basic mathematics with the use of a calculator to complete reports
- Ability to communicate orally and with hand signals to relay information to coworkers at jobsites

Minimum Requirements

- High School Diploma or GED with 3 years experience as diesel mechanic at journeyman level
- OR
- High School Diploma and certificate in diesel mechanics from a technical school and 1 year experience as a diesel mechanic

Special Requirements

- Maintain current Class "A" Commercial Driver's License
- Maintain insurable driving record
- Must be able to attend specialized training to maintain or increase skills
- Must be willing to be on call 24 hours for emergency situations

Work Environment and Physical Demands

While performing the duties of this job, the employee is frequently exposed to outside weather conditions including extreme heat and cold. The employee is occasionally exposed to moving mechanical parts, noxious fumes, and dust. The noise level is usually loud.

The employee is regularly required to maintain a stationary position for extended periods of time to operate heavy equipment. The employee is regularly required to move around the shop, yard, and jobsites. The employee is regularly required to position themselves atop or under heavy equipment in order to operate, inspect, and maintain it. The employee is regularly required to perform physical labor for extended periods of time. The employee regularly required to communicate and exchange information with other employees, their supervisor, and members of the community. The employee must regularly move/position 25 pounds, frequently move/position 50 pounds, and occasionally move/position 100 pounds.

The employee must visually inspect engines, engine parts, and heavy equipment. Vision abilities include close vision, distance vision, color vision, peripheral vision, depth perception, and adjusting focus. The employee must regularly discern normal and abnormal engine noises and other noises associated with heavy equipment.

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential function of this job.

Wages and Hours

Wages are based on rates in Employee Handbook. Regular hours are standard Road and Bridge Department hours except during emergencies.

Special Conditions

This position is subject to pre-employment, reasonable suspicion, random, and post-accident drug/alcohol testing per DOT regulations for commercial driver's licenses.