



COUNTY OF HIDALGO

Department of Human Resources

Job Title: **DIESEL MECHANIC**
Grade: 10

The County of Hidalgo Department of Human Resources reserves the right to select candidates considered to be the most highly qualified based on education and experience. The hiring department will interview and select the candidates provided by the Department of Human Resources.

GENERAL DESCRIPTION

The Diesel Mechanic performs skilled mechanical work in the repair and maintenance of diesel and gasoline-powered motor vehicles. This position will also require maintenance and repair of diesel powered generators and diesel power equipment.

Work involves diagnosing malfunctions in light and heavy motorized equipment, removing and replacing or rebuilding worn or broken parts, and maintaining records of work performed. Employee is also responsible for maintaining inventories of replacement parts and supplies.

EXAMPLES OF WORK PERFORMED

Diagnoses, services, installs, and maintains vehicles in the county fleet, including heavy equipment, trucks, and other road equipment

Maintains records of work performed and parts used on all equipment

Examines, troubleshoots electrical and mechanical problems using standard testing procedures and computer equipment

Diagnose, test, adjust and repair systems of diesel powered generators and equipment

Travels to job-sites for emergency repairs when needed

Performs complete tear down and rebuild of diesel and gas engines, transmissions, clutches, brakes, radiators, heating, air conditioner systems, and electrical and hydraulic systems as necessary

Performs after hours duties when needed

Performs motor overhauls on gasoline and diesel-powered engines; performs major and minor engine tune-ups and adjustments

Installs rebuilt motors; adjusts and makes repairs to gasoline and diesel-powered engines

Rebuilds or replaces worn or defective parts

Performs major and minor mechanical repairs and adjustments on power drive, brake, steering, electrical, fuel, cooling, and related systems on light and heavy motorized equipment and vehicles

Repairs and adjusts hydraulic and vacuum-operated systems; replaces hydraulic motors, hoses, and fittings

Replaces alternators, regulators, starters, wires, and gauges as necessary

Maintains replacement parts and supply inventories, preparing purchase requisitions as required

Regular and punctual attendance is required

Performs related work as assigned

EXPERIENCE AND EDUCATION

Graduation from a high school or equivalent (GED)

Three (3) years of experience in diesel engine repair

One (1) year of related experience may be substituted for one (1) year of education

CERTIFICATES, LICENSES AND REGISTRATION

Automotive Service Excellence (ASE) Diesel Certification

Class "A" or "B" Commercial Driver's License with "N" endorsement issued by the State of Texas preferred

Must be able to be insured by the County's insurance carrier

KNOWLEDGE, SKILLS AND ABILITIES

Requires considerable knowledge of the standard practices, tools, materials and equipment used in the repair and maintenance of a variety of gasoline, diesel-powered vehicles, mechanical and electrical systems

Requires general knowledge of the operating principles of diesel engines, and of the standard mechanical components of automotive and related equipment.

Requires general knowledge of the occupational hazards and safety precautions of automotive equipment repair work and large scale shop operations.

Requires working knowledge of the principles of internal combustion engines and hydraulic systems.

Requires the ability to perform tasks requiring heavy physical effort occasionally in inclement weather

Requires the ability to prepare and maintain simple records.

Requires the ability to perform the manual labor associated with major mechanical repair work.

Requires the ability to use small office equipment, including copy machines or multi-line telephone systems.

Requires the ability to use computers for word processing and/or accounting purposes.

Requires the ability to be accountable for inventory/property management.

Requires the ability to use highly technical computer applications.

Requires the ability to use computers for data entry.

Requires the ability to use or repair light, medium, or heavy equipment and machinery, such as vehicles or commercial mowers.

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job.

While performing the duties of this job, the employee is regularly required to talk or hear. The employee frequently is required to stand. The employee is occasionally required to walk; sit; use hands to find, handle, or feel objects, tools or controls; reach with hands and arms; climb or balance; stoop and kneel.

The employee must occasionally lift and/or move over twenty-five (25) pounds. Specific vision abilities required by this job include close vision, depth perception, and the ability to adjust focus.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounter while performing the essential functions of this job.

The noise level in the work environment is usually moderate.

SAFETY REQUIREMENTS

Maintain physical conditions appropriate to the performance of assigned duties and responsibilities which may include the following:

- sitting for extended periods of time
- standing for extended periods of time
- operating assigned equipment

Maintain mental capacity which permits:

- making sound decisions and using good judgment
- demonstrating intellectual capabilities

Effectively handle a work environment and conditions which involve:

- working closely with others
- working in a multi-task environment

Maintain effective audio-visual discrimination and perception needed for:

- making observations
- reading and writing
- operating assigned equipment
- communication with others
- required to follow the County of Hidalgo Accident Prevention Plan and department's safety regulations