

HEAVY EQUIPMENT OPERATOR III

GENERAL DESCRIPTION

Performs advance (senior-level) road construction and maintenance work; Work involves the specialized operation of complex medium and heavy road construction equipment used for repair, maintenance, and construction projects; work may involve some instruction or supervision. Works under general supervision with some latitude for the use of initiative and independent judgment

EXAMPLES OF WORK PERFORMED

In addition to the tasks performed by Heavy Equipment Operators I and II, the Heavy Equipment Operator III also performs the following tasks:

Performs safety inspections to ensure equipment is in proper working order

May act as a crew leader in the field

Provides assistance during emergency situations involving flooding and/or severe weather

Provides knowledge of or the ability to learn the use of surveyor's level to maintain elevation grades on project sites

Sets up work zone to ensure adequate safety of workers; ensures proper warning signs are erected at construction and maintenance project sites

Able to perform road cuts as per engineer's specifications

Employee is expected to grade roads, spread caliche and to assist in the construction and opening of new roads

May clean/clear or build bar ditches according to surrounding ground elevations and availability of drainage

Operates a variety of types of gasoline and diesel equipment and light and heavy equipment involved in construction and maintenance projects, such as graders, backhoes, front-end loaders, forklifts, or related equipment

Prepares daily reports and logs related to quantities of materials used, types of equipment, work hours, and project status

Performs routine and preventive vehicle and equipment maintenance and repair to ensure proper operating conditions

Performs general maintenance/manual labor as required

Loads trucks; hauls dirt, gravel, caliche, water, garbage, and/or other materials and equipment to designated areas and unloads truck

Performs traffic control set up on job sites to ensure safe working environments

Reports and/or repairs malfunctions on light and heavy equipment

May work on the reconstruction or rehabilitation of streets, surface maintenance, traffic control, or drainage zones

Maintains vehicle in ready working condition, including fuel, proper lubrication, and cleaning

May be required to read and interpret blueprints, drawings, and specifications for road or other construction

Ability to work effectively and cooperatively with other crewmembers

May train and/or supervise the work of others

Performs other duties as assigned

GENERAL QUALIFICATION GUIDELINES

Experience and Education

Minimum of three (3) years of experience working with light, medium and heavy construction equipment such as backhoe, paver, motor grader; Must have the knowledge and ability to make minor repairs and adjustments to assigned equipment

Graduation from a high school or equivalent (GED) is required.

Bilingual preferred (English/Spanish)

Certificates, Licenses, Registrations

Texas Commercial Driver's License (CDL- Class A) required; CDL may require specialized endorsements depending on area of assignment

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

Positions requiring a CDL or positions of a safety sensitive nature are subject to drug and alcohol testing in accordance with federal regulations.

Knowledge, Skills, and Abilities

Knowledge of construction maintenance, repair, and operation of light and heavy equipment, including vehicles

Ability to maintain records of materials, supplies, time, and work performed; and to work effectively with the public

Knowledge of the safe operation of the equipment used and of the provisions of the Texas Motor Vehicle Code relating to the operation of equipment/vehicles

Skill in operating heavy equipment effectively and safely

Ability to perform strenuous work in outdoors

Ability to understand and follow oral instructions

Ability to read and interpret documents such as safety rules, operating and maintenance instructions and procedure manuals

Knowledge to perform basic math

Ability to apply common sense understanding to carry out detailed but uninvolved written and/or oral instructions

Ability to deal with problems involving a few concrete variables in standardized situations

Ability read and comprehends simple instructions, short correspondence and memos

Employee may be assigned other duties in addition to those listed; duties may change according to the changing needs of the County

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 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.

While performing the duties of this job, the employee regularly works in various types of outside weather conditions. The employee occasionally works near moving mechanical parts; in high precarious places; with explosives; and is occasionally exposed to fumes or airborne particles, and toxic or caustic chemicals, and risk of electrical shock.

The noise level in the work environment is usually high.

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:

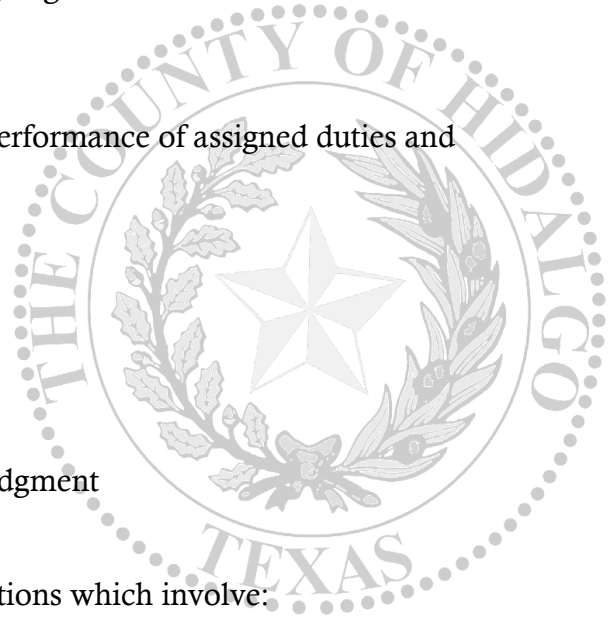
- making sound decisions and using good judgment
- demonstrating intellectual capabilities

Effectively handle a work environment and conditions which involve:

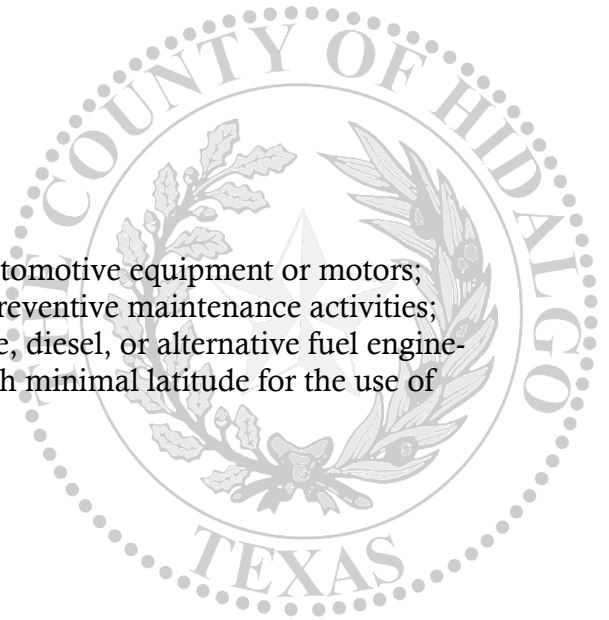
- working closely with others
- working in a multi-task environment

Maintain effective audio-visual discrimination and perception needed for:

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



MECHANIC I



GENERAL DESCRIPTION

Performs entry-level maintenance and repair work on automotive equipment or motors; Work involves repairing mechanical units; performing preventive maintenance activities; and servicing automotive equipment and related gasoline, diesel, or alternative fuel engine-powered equipment; Works under close supervision, with minimal latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Adjusts brakes and carburetors

Installs front wheel bearings, speed heads, radiators, and universal joints

Services, refuels, and changes oil in vehicles

Performs body repair work and touch-up painting

Cleans shop, equipment, and tools

Assists in major repairs, such as overhauling motors and installing clutches

May operate electronic or computerized diagnostic equipment and computer-based technical manuals to identify or verify system and component failures

May inventory parts and equipment

Performs related work as assigned

GENERAL QUALIFICATION GUIDELINES

Experience and Education

One to two (1-2) years experience in motor vehicle repair and maintenance work; Graduation from a standard senior high school or equivalent, supplemented by technical courses in automotive maintenance and repair, is generally preferred. Two (2) years of experience may be substituted for one (1) year of education.

Knowledge, Skills, and Abilities

Knowledge of mechanical techniques used in automotive equipment repair and maintenance and of safety practices and principles

Skill in the use of shop tools and equipment

Ability to follow instructions, to make repairs, and to use shop tools and equipment

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 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 Hidalgo County Accident Prevention Plan and department's safety regulations

