

FLEET MAINTENANCE TECHNICIAN

DEFINITION OF WORK

Under general direction, the purpose of this position is to perform skilled mechanical work in the repair and maintenance of diversified fleet equipment. Employees diagnose and troubleshoot malfunctions; repair and service automobiles and other motorized equipment; assist and advise less experienced mechanics; and perform related work as required.

EXAMPLES OF WORK

Employees operate motor vehicles; perform preventive maintenance on a variety of vehicles as scheduled and inspect for problems; repair brakes; change fan belts; replace or charge batteries; replace spark plugs; change oil; replace mufflers; replace or cleans filters; etc. Employees use computers for electronic manuals, vehicle history, and research vehicle information; diagnose and troubleshoot malfunctions in automotive equipment; assume responsibility for more complex repair projects; assist and advise other mechanics in complex repair projects; diagnose, repair, rebuild or replace engines, drive-trains, fuel systems, steering and suspension systems, electrical systems, brake systems, coolant systems, and air conditioning systems. Work also includes diagnosing, repairing or adjusting hydraulic and vacuum operated systems. Examples include hydraulic motors, hoses; fittings and power take-off units. Employees perform State Division of Motor Vehicles automobile inspections and federal inspections as required for the vehicle; install department specific specialized equipment in vehicles and fabricate mounts, protective covers, etc. for safe operation; remove and replace damaged or worn tires, repairs inner tubes and mounts tires; test repaired vehicles/equipment; make service and wrecker calls for disabled County and sheriff's impounded vehicles; provide recovery operations for the County's fleet; and serve as on call employee for wrecker operations as scheduled.

EMPLOYMENT STANDARDS

Education and Experience:

High school or General Educational Development diploma and three years of experience in general automotive/related repair or service work; or an equivalent combination of education and experience.

Knowledge, Skills, and Abilities:

Considerable knowledge of the standard practices, tools, materials and equipment used in the repair and maintenance of a variety of gasoline and diesel powered vehicles. General knowledge of the operating principles of gasoline and diesel engines, and of the standard mechanical components of automotive and related equipment. General knowledge of the occupational hazards and safety precautions of equipment repair work and shop operations. Ability to use and care for tools, equipment, and materials used in the maintenance and repair of automotive and related equipment; exercise independent judgment in detecting malfunctions in mechanical equipment; understand and follow oral and written instructions; assist and advise less-experienced mechanics; perform the manual labor associated with mechanical repair work; and establish and maintain effective working relationships as necessitated by work assignments.

SPECIAL REQUIREMENTS

Background check with local law enforcement agency required. Must have and maintain a valid North Carolina Class A driver's license with Hazmat endorsement with an acceptable driving record. Possession of Automotive Service Excellent (ASE) certification. Licensed as a vehicle inspector by the State Division of Motor Vehicles. Must be certified in CFC recovery. Must supply and maintain a general mechanics tool set at the work site. Requires drug-screening test and receipt of negative results for the use of drugs specified in the County policy.

ADA REQUIREMENTS

Employees are subject to hazards while working inside the shop, in confined spaces, while exposed to heavy machinery and during times working in an outside environment. Work requires the ability to perform simple to complex movements requiring moderate coordination, such as use of switches, levers, handles, power and hand tools, etc. Some tasks require the ability to perceive and discriminate sounds. Some tasks require visual perception and discrimination. Some tasks require oral communication ability. Tasks are regularly performed with exposure to adverse environmental conditions, such as dirt, dust, pollen, odors, or wetness. Work may subject employee to compliance with final OSHA standards on bloodborne pathogens.

PHYSICAL REQUIREMENTS

Some duties require the ability to exert heavy physical effort in heavy work, sometimes within very confined spaces. Must be able to physically perform the basic life operational functions of climbing, balancing, stooping, kneeling, crouching, crawling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, talking, hearing, and performing repetitive motions. This is heavy work requiring the exertion of 100 pounds of force occasionally, up to 50 pounds of force frequently, and up to 20 pounds of force constantly to move objects. Vocal communication is required for expressing or exchanging ideas by means of the spoken word; hearing is required to perceive information at normal spoken word levels; visual acuity is required for depth perception, color perception, preparing and analyzing written or computer data, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arm's length, operation of machines, and operation of motor vehicles or equipment; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, vibration, hazards, atmospheric conditions, and oils, various chemicals used in normal shop operations; and use of safety equipment, goggles, shoes, etc. Must possess the visual acuity to perform repair work and to operate vehicles and equipment. Employees may be possibly exposed to blood while inside Sheriff's vehicles where prisoners with blood borne pathogens may be transported; mental health and landscaping vehicles that may have chemicals and/or blood; and impounded vehicles with unknown histories.