



PRINCE GEORGE COUNTY, VIRGINIA

May 2019

MASTER MECHANIC

FLSA Status: Non-Exempt

GENERAL DEFINITION AND CONDITIONS OF WORK:

Performs intermediate skilled mechanical work on a variety of automotive and construction equipment; does related work as required. Work is performed under regular supervision.

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; work requires climbing, balancing, stooping, kneeling, reaching, standing, walking, pushing, pulling, lifting, fingering, grasping, feeling, and repetitive motions; 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, peripheral vision, visual inspection involving small defects and/or small parts, use of measuring devices, assembly or fabrication of parts at or within arms length, operation of machines, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; ability to work at heights. the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, hazards, atmospheric conditions, and oils.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

Performing more complicated maintenance and repair of gas and diesel automotive and construction equipment.

(The following tasks are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is similar, related, or a logical assignment to the position.)

Performs preventive maintenance inspections;

Diagnoses mechanical problems; prioritizes work; determines required repair or replacement of parts and initiates repair on automobiles, trucks, construction equipment and other automotive equipment;

Performs selected repairs and replacement on diesel driven equipment;

Replaces engines and transmissions;

Repairs and overhauls brakes, ignition and fuel systems, transmissions, differentials, front and rear axle assemblies, air conditioning systems, cooling systems and exhaust emission control systems;

Tunes motors using standard testing equipment;

Takes down, repairs and reassembles air compressors, hydraulic systems, pumps and related equipment;

Orders parts necessary to repair vehicles;

Reorders stock items as required;

Performs diversified electrical work on automotive equipment, such as troubleshooting electrical problems and repairing or replacing defective parts, repairing and adjusting lights, and repairing generators and starters;

Performs repairs to generators, small engine equipment, etc.;

Inspects vehicles for compliance to State safety standards;

Builds police and fire vehicles; installs lights, sirens, striping and lettering;

Participates in emergency response operations as required in a declared emergency by County officials; completes required NIMS training as a condition of employment;

Must have a valid Virginia Driver's License;

Performs related tasks as required.

KNOWLEDGE, SKILLS AND ABILITIES:

Thorough knowledge of the methods, tools and equipment used in the repair of light automotive passenger cars, trucks, specialized fire, construction and maintenance equipment; thorough knowledge and skill in the use and operation of shop tools and machinery, such as drills, presses, grinders, micrometers, brake relining and drum grinding machines, welding equipment; ability to diagnose the more common defects in the drive trains, chassis and other components of automotive equipment; ability to detect by inspection any worn or broken automotive parts; ability to keep records of repairs and service operations and to make reports; ability to adapt available tools and repair parts to specific repair problems; ability to interpret and work from sketches, diagrams and installation and repair charts; ability to follow oral

and written instructions accurately.

EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school and considerable experience in repairing automotive and power-driven equipment.

SPECIAL REQUIREMENTS:

Must have a Class B commercial driver's license within 6 (six) months of employment. Possession of a valid Virginia State Inspector's License. Refrigerant recovery and recycling certification, and Forklift operator certification. May work beyond normal schedule; may be assigned routine scheduled coverage responsibilities under call-out policy.