



PRINCE GEORGE COUNTY, VIRGINIA

July 2022

APPARATUS TECHNICIAN

FLSA Status: Non-Exempt

GENERAL DEFINITION AND CONDITIONS OF WORK:

This is a specialized technical position performing operations, maintenance and repairs on all systems and equipment on fire apparatus and emergency vehicles in addition to other automobiles, trucks and equipment. This position reports to the Fleet Manager.

Performs work of moderate difficulty in the inspection, maintenance, and repair of a wide variety of fire and rescue vehicles and apparatus; performs 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 for long periods, 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 arm's length, operation of machines, operation of various fire engine pumps, operation of motor vehicles or equipment, determining the accuracy and thoroughness of work, and observing general surroundings and activities; the worker is subject to inside and outside environmental conditions, extreme cold, extreme heat, noise, hazards, atmospheric conditions, and oils.

ESSENTIAL FUNCTIONS/TYPICAL TASKS:

(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.)

Working knowledge of the practices, techniques, materials, tools and equipment used in the maintenance, diagnosis, repair and modification of fire and rescue vehicles and 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.)

Ability to drive fire vehicles and equipment for testing

Inspects, services and repairs all systems and equipment on fire apparatus, automobiles, trucks and other equipment;

Verifies and diagnoses complaints regarding incoming apparatus and emergency vehicles;

Installs water pumps, radiators, batteries, brakes, gauges, valves and other equipment;

Performs diesel and gasoline engine diagnostics and mechanical repair work

Diagnose, repair and overhaul brakes, ignition, fuel systems, water pumps, and valves;

Diagnose, repair and overhaul aerial ladders on fire apparatus

Diagnose, repair and overhaul air compressors, hydraulic systems, various fire engine pumps and related equipment;

Diagnose and repair electrical issues on emergency vehicles and apparatus, such as repairing or replacing defective parts, repairing and adjusting lights and repairing generators and starters;
Performs preventive maintenance services and inspections;
Builds fire and police vehicles; installs lights, sirens, striping and lettering;
Orders parts necessary to repair vehicles; reorders stock items as required;
Drives various county vehicles to include fire and ems, departmental cars, and emergency vehicles to ensure adequately repaired;
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:

General knowledge of the methods, tools and equipment used in the repair of fire apparatus, EMS and emergency vehicles; general knowledge and skill in the use and operation of shop tools and machinery; ability to diagnose the more common defects in the drive trains, chassis, brakes, various fire engine pumps, aerial ladders and other components of emergency vehicle equipment; ability to detect by inspection any worn or broken parts; 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:

High school diploma or GED; five years of experience in the maintenance, repair, and computerized diagnosis of fire apparatus faults at a journeyman technician rating, or an associate degree in automotive technology and two years of hands on emergency vehicle experience; or an equivalent combination of education, training, and experience.

SPECIAL REQUIREMENTS:

Class B CDL or EVOC required without a DCL within 12 months of employment. Possession of a valid class A Virginia State Inspector's License. Refrigerant recovery and recycling certification. EVT and ASE certifications preferred. May work beyond normal schedule; may be assigned routine scheduled coverage responsibilities under on-call policy.