

## EQUIPMENT MAINTENANCE TECHNICIAN - 2411

### GENERAL DEFINITION AND CONDITIONS OF WORK:

Performs responsible skilled work maintaining and repairing 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, crouching, crawling, 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, 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 arms length, operation of machines, 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, vibration, hazards, atmospheric conditions, and oils.

### ESSENTIAL FUNCTIONS/TYPICAL TASKS:

**Maintaining and repairing automotive and construction equipment; troubleshooting problems; maintaining records and files.**

Performs scheduled preventive maintenance service and diagnoses problems;  
Inspects cooling system, air induction system, ignition systems, fuel delivery systems, exhaust system, suspension, driveline, tires, brakes, etc.;  
Performs repair and replacement work; cleans and replaces spark plugs; installs radiator hoses;  
Changes oil; lubricates vehicle; checks lights, brakes, tires, radiator hoses, fan belts, etc.;  
Diagnoses, adjusts, repairs, and services a wide variety of cars, trucks and heavy equipment with the use of special equipment;  
Overhauls brakes, ignition and fuel systems, hydraulic systems, differentials, axle assemblies;  
Repairs lights and radio equipment; rebuilds, repairs or replaces engines;  
Repairs electrical problems; replaces brake linings;  
Performs a variety of body repair work; paints and stripes cars;  
Repairs and maintains police cars, cars, trucks, and related equipment;  
Changes, repairs and replaces tires and brakes;  
Tunes motors using standard testing equipment; repairs hydraulic systems;  
Does electrical work on automotive equipment such as diagnosing electrical shorts, installing batteries and terminals, repairing and adjusting lights, and repairing generators and starters;  
Fabricates and welds metal objects as needed;  
Maintains reasonable and predictable attendance;  
Performs related tasks as required.

### KNOWLEDGE, SKILLS AND ABILITIES:

General knowledge of the methods, tools and equipment used in the repair and maintenance of automotive passenger cars, trucks, construction and maintenance equipment; general knowledge of necessary safety precautions; skill in the use and operation of tools and machinery used in automotive repair work; ability to detect by inspection worn or broken parts; ability to keep records of repairs and service operations and to prepare reports; ability to adapt available tools and parts to specific repair problems; ability to follow oral and written instructions accurately; ability to lift heavy objects; ability to establish and maintain effective working relationships with associates.

### EDUCATION AND EXPERIENCE:

Any combination of education and experience equivalent to graduation from high school and some experience in repairing automotive equipment.

### SPECIAL REQUIREMENTS:

Possession of an appropriate driver's license valid in the State of North Carolina.