



JOB TITLE: Equipment Mechanic III
LOCATION: Headquarters – Dover, DE
OPENING DATE: August 29, 2016 CLOSING DATE: September 13, 2016
PAY GRADE: \$31,421 Pay grade 8
CLASS CODE: L26003

NATURE AND SCOPE:

The incumbent in this class is performing at the skilled level complex inspection, maintenance and repair work on a wide variety of the automotive equipment such as automobiles, tractors, trucks and other light and heavy ground maintenance and construction equipment including mechanical and hydraulic systems.

PRINCIPLE ACCOUNTABILITIES:

1. Inspects vehicles to ascertain the cause of the malfunction and determine the extent of the repair work necessary. Road tests automobiles, trucks, tractors or other motor vehicles for diagnostic purposes.
2. Removes and installs complete assemblies such as engines, transmissions and axles, rebuilds components of engines, transmissions and other driveline components.
3. Disassembles and overhauls both gasoline and diesel engines.

4. Inspects, diagnoses, repairs and/or replaces standard components and sub-assemblies such as alternators, oil and fuel pumps, starters, brakes and the front end.
5. Analyzes engine performance by using electronic equipment to test distributor resistance, manifold vacuum, fuel pump vacuum, cylinder compression, etc., performs engine tune-up.
6. Makes minor repairs to vehicle fenders and/or body parts.
7. Performs gas and electrical welding and minor body repairs.
8. Answers emergency road service calls to repair equipment outside the shop or to operate a tow truck/wrecker.
9. Instructs other mechanics in the maintenance and repair of automotive equipment.
10. Performs assigned tasks during emergency operations.
11. Keeps records and prepares written reports.
12. Performs related duties as required.

KNOWLEDGE, SKILLS AND ABILITIES:

- Knowledge of the occupational hazards and safety precautions of the trade.
- Knowledge of the methods, materials, equipment, tools and practices of the automotive trade.
- Knowledge of the principle operation of the internal combustion engine (gasoline and diesel) and the other components such as the brake system, the electrical system, the hydraulic system, etc.
- Skill in the diagnosis of complex repair problems regarding automotive equipment.
- Skill in the care and use of tools, machinery and equipment used in the trade.
- Skill in basic mathematical computation.
- Ability to diagnose and repair mechanical malfunctions of motor vehicles.
- Ability to understand and perform as per verbal and/or written instructions.
- Ability to keep records and prepare written reports.
- Ability to train other mechanics in the repair of automobile equipment.
- Ability to learn the basic principles and techniques of the welding trade.
- Ability to interpret technical automotive manuals.

MINIMUM QUALIFICATIONS:

Experience performing complex maintenance and repair of automotive vehicles and heavy equipment. Experience in gas and electric welding and minor body repairs. Ability to communicate effectively. Possession of a valid driver's license. Applicants must be legally authorized to work in the United States for any employer. Submit to a complete, comprehensive background investigation.

Conditions of Employment:

Direct deposit of paychecks is required as a condition of employment.

- A satisfactory criminal background check is required as a condition of employment.

Benefits: To learn more about the comprehensive benefit package please visit the State Personnel web-site at <http://delawarepersonnel.com/benefits/index.htm>

A labor organization has been elected by employees as their representative for collective bargaining and other work related purposes. The person selected for this position shall as a condition of employment, join and pay dues to the labor organization or may, instead not join but pay a service fee no greater than the dues.

APPLICATIONS:

Please submit a Delaware State Police civilian application to:

DELAWARE STATE POLICE, Human Resources Office, P.O. Box 430, Dover, DE 19903

Applications can be found at our website at:

<http://www.dsp.delaware.gov/employment.shtml>

Applications can also be found at any troop or at our Headquarters at 1441 N. Du Pont Highway, Dover, DE 19903