

## **ASSISTANT EQUIPMENT MECHANIC**

**DISTINGUISHING FEATURES OF THE CLASS:** The work involves assisting the Equipment Mechanic in the repair of automotive equipment and heavy equipment including diesel engines. Direct supervision is received from the Equipment Mechanic, with some repairs being performed independently. The incumbent also performs tasks requiring a working knowledge of the machinist trade. This position differs from that of Automotive Mechanic in that the Assistant Equipment Mechanic receives concentrated training in the repair of heavy equipment. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Receives training in the repair and maintenance of diesel engines and peripheral accessories;  
Completes moderately difficult repairs on motor equipment such as automobiles, trucks, tractors, sweepers, lawnmowers, power saws, and other equipment;  
Grinds valves and fits new bearings, pistons and rings;  
Installs connecting rods and bearings;  
Assists in repairs and overhauls of brake systems, differentials, transmissions, and front and rear axles of heavy or diesel equipment;  
Assists in State inspections on County owned vehicles;  
Assists in wheel alignments and in the straightening of frames and fenders;  
Operates machine shop equipment including lathes, welders, grinders and power saws;  
Operates the fuel and lubrication truck during field maintenance and performs repair work in the field;  
Conducts electrical diagnosis in the repair of suspension systems, steering systems, hydraulic systems and electrical systems.

### **FULL PERFORMANCE, KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:**

Good knowledge of standard automotive repair methods, terminology and tools of the trade;  
Working knowledge of the machinist trade;  
Skill in the use and care of automotive and heavy equipment servicing tools such as drill presses, wrenches, welders, torches, lathes and valve grinders;  
Ability to work from plans, specifications, rough sketches and oral instructions;  
Ability to lift heavy objects;  
Ability to perform work involving strenuous effort;  
Ability to adhere to safety precautions when using potentially harmful equipment, tools and machines;  
Mechanical aptitude;

Willingness to respond to emergencies as well as work overtime;  
Willingness to work outside in adverse weather conditions;  
Manual dexterity;  
Physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:**

Two years of experience assisting with heavy equipment mechanical repairs, including diesel engines and heavy duty construction and/or snow removal equipment.

SPECIAL REQUIREMENT: Possession of an appropriate New York State Motor Vehicle Operator's License.

NOTE:

- 1) Completion of an approved Automotive Mechanic Apprenticeship program or education in automotive mechanics beyond high school at a regionally accredited or New York State registered college, university or technical institute may be substituted for the required experience on a year-for-year basis.
- 2) When required by the employer, the incumbent must furnish own hand tools and tool box.