

## **EQUIPMENT MECHANIC**

**DISTINGUISHING FEATURES OF THE CLASS:** This is highly skilled work responsible for the efficient and accurate performance of a variety of automotive and heavy equipment repairs including diesel engines and heavy duty snow removal equipment. A working knowledge of machinist tasks associated with the mechanic trade is required. General instructions are received from the Assistant Equipment Service Supervisor regarding tasks to be performed, allowing for considerable leeway in planning the details of each assignment. Immediate supervision may be exercised over the work of the Assistant Equipment Mechanics and Mechanic Helpers. Does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Performs skilled operations in making advanced level repairs on motor equipment including automobiles, trucks, tractors, sweepers, lawn mowers, power saws, graders, bulldozers, paving machines and snow loaders;

Performs skilled mechanical repairs and maintenance on diesel engines and peripheral accessories;

Grinds valves and fits new bearings, pistons and rings;

Installs connecting rods and bearings;

Overhauls and repairs brake systems, differentials, transmissions, and front and rear axles of heavy or diesel equipment;

Straightens frames, fenders and performs alignments;

Operates machine shop equipment including lathes, welders, grinders and power saws;

Performs State inspection on County owned vehicles.

### **WHEN ASSIGNED TO SANITARY LANDFILL:**

Determines when replacement parts are necessary and reports needs to administration;

May operate motor equipment when assigned.

### **FULL PERFORMANCE KNOWLEDGE, 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 duty equipment servicing tools such as drill presses, wrenches, welders, torches, lathes and valve grinders;

Ability to make difficult repairs to heavy duty and other mechanical equipment such as overhauls of hydraulic systems, engines, and transmissions;

Ability to work from plans, specifications, rough sketches and oral instructions;

Ability to lift heavy objects using hoist and levers;

Ability to adhere to safety precautions when using potentially harmful equipment, tools and machines;  
Ability to perform work involving strenuous effort;  
Ability to lay out work;  
Willingness to respond to emergencies and work overtime;  
Willingness to work outside in adverse weather conditions;  
Good coordination;  
Dexterity;  
Physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:**

Three years of experience doing heavy equipment mechanical repairs, including diesel engines and heavy duty construction and/or snow removal equipment.

SPECIAL REQUIREMENTS AT TIME OF APPOINTMENT:

- 1) Possession of the appropriate New York State Motor Vehicle Operator's License.
- 2) Possession of a New York State Inspection License.

**NOTE:** 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 up to two years of the required experience.