

## **HEAVY EQUIPMENT MECHANIC**

**DISTINGUISHING FEATURES OF THE CLASS:** This is highly skilled work which involves 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 a higher level supervisor regarding tasks to be performed, allowing for considerable leeway in planning the details of each assignment. May oversee the work of Assistant Heavy 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;  
Straightens frames, fenders and performs alignments;  
Operates various machine shop equipment;  
Performs New York State inspections.

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

Thorough 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 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;  
Dexterity;  
Physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Two years of experience performing heavy equipment mechanical repairs associated with an established mechanical repair business responsible for the repair of automotive and heavy equipment which must have included diesel engines and/or heavy duty snow removal equipment.

SPECIAL REQUIREMENTS WITHIN 1 YEAR OF APPOINTMENT:

- 1) Possession of the appropriate level Commercial Driver's License (CDL).
- 2) Possession of a New York State Inspection License.

**NOTE:** When required by the employer, the incumbent must furnish own hand tools and toolbox.

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PENDING