

## **HEAVY EQUIPMENT MECHANIC**

**DISTINGUISHING FEATURES OF THE CLASS:** The employee in this position is responsible for repairing heavy equipment and automobiles. Duties involve the overhaul, repair and maintenance of a variety of equipment, gasoline, electric and diesel powered. The work requires thorough knowledge of the trade and the ability to work on heavy and complex equipment with moderate independence. The work is performed under general supervision of the Automotive Repair Foreman or other higher level supervisor. The incumbent does related work as required.

### **TYPICAL WORK ACTIVITIES:**

Repairs and maintains all town owned equipment including, but not limited to automobiles, trucks, machines, construction equipment, grounds maintenance equipment, atv's, carts, on road/off road and all types of support and ancillary equipment;

Analyze and diagnose the root cause of equipment failure using repair manuals and computer programs;

Overhauls ignition and fuel systems;

Rebuilds defective or damaged subassemblies;

Repairs or overhauls engines, transmissions, brake systems, cooling systems, differentials and axle assemblies;

Uses welding equipment to repair various types of equipment;

Repairs or replaces body or frame parts on all types of equipment;

Overhauls steering and wheel mechanisms including replacement of king pin, ball joint, rack and pinion and electrical steering type systems. Performs wheel alignments;

Repairs small gasoline engines and power tools;

Operates lathes, drill presses and other machine shop equipment in making repairs;

Tunes and times engines;

Incumbent must be available to work overtime for maintenance/repairs during snowplowing, road salting and other emergencies;

Incumbent shall operate snowplowing and sanding equipment;

Works as a Motor Equipment Operator when directed.

**FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:** Thorough knowledge of standard repair methods for heavy automotive equipment and of terminology and tools of the trade of the most current design; demonstrated ability to make difficult repairs to heavy automotive and other mechanical equipment using modern diagnostic methods; ability to use welding equipment; ability to work from plans and specifications and to follow draft sketches and oral instructions; manual dexterity; physical condition commensurate with the demands of the position.

**MINIMUM QUALIFICATIONS:** Three (3) years of full time experience as a skilled automotive repairman involving the repair of heavy automotive equipment including at least two (2) years of experience in the repair and maintenance of heavy duty diesel engines AND at least 500 hours of formal diesel training. One year of specialized training in diesel maintenance or repair may be substituted for one half year of diesel experience.

**Special Requirements:** At time of appointment, incumbent must possess a Commercial Drivers' license permit. Prior to completion of the probation period, incumbent must possess a commercial driver's license, class B, and NYS Inspection license for light and heavy vehicles. These licenses must be maintained during employment.

Amended 3/1/95  
Amended 2/05/16  
Amended 3/24/16  
Town of Colonie  
Personnel Officer  
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