Town of West Brookfield
Mechanic/Heavy Motor Equipment Operator

Definition
Skilled maintenance and repair work on automotive and certain electrical and mechanical equipment; and light and heavy construction and maintenance equipment; operates heavy equipment and/or trucks for the highway department; all other related work, as required.

Supervision
Works under the general supervision of the Highway Superintendent.

Exercises a considerable degree of independent judgment in repair methods and replacement of parts; work assignments are checked in progress and upon completion.

Job Environment
Work is performed under typical highway department garage and yard conditions with exposure to gasoline, dust, dirt and fumes which may be hazardous to one's health.

Operates various repair equipment, including hand tools and power tools; operates heavy and light motor vehicles and equipment.

Has occasional contact with other town departments, vendors; contacts beyond the highway department are minimal.

Errors could result in damage to costly equipment or in failure of equipment under operating conditions, potentially causing injury to other employees.

Essential Functions
The essential functions or duties listed below are intended only as illustrations of the various types of work that may be performed. The omission of specific statements of duties does not exclude them from the position if the work is similar, related or a logical assignment to the position.

Performs regular maintenance and repair work to all highway department equipment, such as, but not limited to, loaders, graders, backhoes, trucks, heavy and light trucks, sanders, lawn mowers, chain saws, pumps, etc; cleans and maintains shop; drives light and heavy trucks and equipment.

Performs preventive maintenance operations; greases and oils vehicles' changes tires and batteries; does body work including sand blasting and painting.

Replaces brakes, wheel bearings, axle bearings, universal joints, starters, and injectors in diesel engines; packs hydraulic cylinders.

Diagnoses defects and repairs a wide variety of the highway departments equipment, including gas and diesel engines, transmissions, gear cases, etc.

Changes and replaces batteries; checks electrical and heating systems; lubricates equipment; changes oil.

Inspects all equipment and vehicles for inspection stickers.

Repairs chainsaws, weed wackers, pump hoses and other mechanical equipment; repairs and lubricates fences and gates around buildings; repairs garage doors and security light fixtures.

Operates assigned heavy motor equipment in the performance of the particular tasks for which assigned; operates equipment which includes, but is not limited to, riding lawn mowers, dump trucks, snow plows, street sweepers, catch basin cleaner, road roller, front-end loaders, and backhoes; operates associated power and hand tools. Performs all the duties of a Heavy Motor Equipment Operator/Laborer as directed.

Maintains and cleans the repair shop and garage; maintains records relative to all work done on highway department equipment.

Performs similar or related work as required, or as situation dictates.

Recommended Minimum Qualifications

Education and Experience
High school diploma or equivalency; training in mechanic and automotive repair work at the journeyman level; three years experience in the maintenance, repair and operation of varied equipment, as is characteristic of municipal operations; or any equivalent combination of education and experience.

Special Requirements
Class B Massachusetts Commercial Driver's License
Class C Massachusetts Hydraulic License, Air Brake endorsement
Massachusetts Vehicle Inspection License
Massachusetts DOT Physical Card
Certified Brake Inspector

Knowledge, Ability and Skill
Knowledge. Thorough knowledge of the tools, techniques, equipment and procedures used in motor equipment repair and maintenance. Knowledge of repair methods for heavy, diesel and electrical equipment. Knowledge of hydraulic systems. Working knowledge of the hazards and safety precautions of the trade.

Ability. Ability to operate drill press, grinder, torches, saws and a variety of other hand tools.

Skill. Skill in all of the above tools and equipment. Skill in welding, steel fabrication and electrical systems.

Physical Requirements
Continuously strenuous physical effort required to perform functions under shop conditions and various weather conditions. Frequently required to stoop, bend, squat and kneel. Frequently required to lift heavy objects weighing as much as 60 pounds or more. Physical agility to work in small and cramped spaces. Physical ability to operate heavy equipment for long periods of time under various weather conditions. Eyesight and hearing at or correctable to "normal ranges." Requires good close, distant, color and peripheral vision and depth perception.