

HEAVY MOTOR EQUIPEMENT OPERATOR/ MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: The work combines the responsibilities of Heavy Motor Equipment Operator and Automotive Mechanic and involves the operation of various types of heavy and/ or complex motor equipment, the performance of manual work normally associated with highway construction and maintenance, and the skilled maintenance and repair of a variety of automotive equipment. The work is carried out in accordance with established procedures and involves the safe and economical operation of heavy and/ or complex equipment normally related to highway construction and maintenance, although an incumbent may be assigned to another department. In addition, the incumbent performs maintenance and repair work on vehicles such as, but not limited to, automobiles, trucks, and heavy equipment such as bulldozers, cranes, graders and backhoes. The class differs from that of Heavy Motor Equipment Operator in that Heavy Motor Equipment Operator does not normally perform skilled automotive maintenance and repair work. The class differs from that of Automotive Mechanic in that Automotive Mechanic does not normally operate heavy and/ or complex motor equipment with the exception of test drives. Work is performed under the general supervision of a higher level employee with leeway allowed to exercise independent judgment in the details of the work. Supervision may be exercised over the work of subordinates. Does related work as required.

TYPICAL WORK ACTIVITIES: The typical work activities listed below, while providing representative examples of the variety of work assignments in the title, do not describe any individual position. Incumbents in this title may perform some or all of the following, as well as other related activities not described.

Operates a tractor trailer, grader, power shovel, bulldozer, crane, backhoe, sweeper, or ditcher in highway construction and maintenance, and may perform preventive maintenance on vehicles;

Operates a truck in connection with the removal of snow and in the transportation of stone, gravel, and supplies;

Operates a tractor or truck with snow loader, snow plow, or other attachment;

Performs manual labor, such as loading and unloading trucks, digging ditches, cutting trees and brush, cleaning culverts and raking blacktop;

May supervise a small group of subordinates as specific tasks require;

Performs skilled operations such as repairing and overhauling gasoline and diesel motor equipment such as automobiles, trucks, tractors, power shovels, graders, grade-alls, sweepers, bulldozers, school buses and compressors;

Grinds valves and fits new bearings, pistons and rings;

Repairs and replaces motor pumps, fuel pumps, generators, carburetors, and shock absorbers;

Assembles and times engines;

Mounts and dismounts snow plow blades and other auxiliary equipment;

Repairs and overhauls ignition systems, transmissions, brake systems, clutches, differentials, and front and rear axles;

Welds and solders equipment;

Repairs and paints truck equipment and bodies;

Installs door windows and windshields;

Adjusts steering mechanisms and aligns wheels;

Repairs and maintains auxiliary equipment on trucks, graders and rollers;

Makes estimates and prepares requisitions for materials;

May supervise the work of a helper.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL

CHARACTERISTICS: Thorough knowledge of the modern automotive repair methods and of the terminology and tools of the trade; good knowledge of the operating principles of both diesel and gasoline engines; good knowledge of the operation of tractors, trucks, tractor trailers, backhoes, rollers, graders, bulldozers and other automotive equipment; good knowledge of the geography of the area; ability to make difficult repairs to automotive and other mechanical equipment; ability to work from plans and specifications and to follow rough sketches and oral or written instructions; ability to lay out work for self and others; mechanical aptitude; good hand and eye coordination; manual dexterity; willingness to respond to emergencies and to work outside under adverse weather conditions; dependability; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Six (6) months of experience in a position which is substantially similar to that of Motor Equipment Operator and two (2) years experience as a journey level automotive mechanic in an automotive repair shop, or comparable work.

Special Requirement: Possession of a valid New York State Driver's License appropriate to the vehicle(s) being operated.

ULSTER COUNTY
3480 HMEO/MECH
Classification: Non-Competitive
OA

Adopted: July 17, 1990
Revised: November 21, 1994