

## HEAVY EQUIPMENT MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: This is automotive and construction repair work involving the inspection and repair of larger and more complex equipment. Under the general direction of the higher-level highway/vehicle maintenance employee, an incumbent in this class performs safety inspections and repairs, and the most complicated automotive, mechanical and hydraulic assemblies used in construction equipment such as bulldozers, gradalls and cranes, etc. The incumbent, although primarily responsible for the repair of the larger more complicated equipment, repairs any and all equipment owned by the agency as directed. Oversees the work performed by less skilled automotive mechanics, equipment operators, and/or laborers assigned to assist. Does related work as required.

### TYPICAL WORK ACTIVITIES: (Illustrative only)

Inspects a variety of automotive, mechanical and hydraulic equipment for worn, damaged, or defective parts or mechanisms by visual inspections, road tests and uses testing devices and prescribes and performs repairs;

Plans, schedules, grades, and inspects the maintenance and repair of light and heavy trucks, bulldozers, gradalls, crushers, rollers and other equipment;

Leads in making repairs and rebuilding and adjusting engines and subassemblies;

Performs the more difficult troubleshooting adjustments, tune-ups, repair and building jobs;

Instructs less skilled employees in the proper maintenance or repairing and adjusting engines and subassemblies;

Leads in converting standard automotive equipment for special purposes;

Uses computer-based equipment to maintain inventories, prepare and submit activity reports, cost and time records;

Assists in identifying diagnostic tools and equipment needs and informs supervisor;

May be assigned to maintain parts inventory;

May assist in maintaining an inventory of chemicals and solvents needed for repairs and ensures Safety Data Sheets are present for all materials;

Performs a wide variety of related duties in connection with the maintenance of automotive equipment and garage area.

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

Thorough knowledge of the modern practices, terminology, safety precautions and tools used in the maintenance and repair of automotive equipment; ability to diagnose need for and to make repairs on a variety of automotive equipment; ability to oversee the work of others; ability to work from plans, specifically, rough sketches and to understand and carry out oral and written directions; ability to get along well with and secure the cooperation of others; good hand and eye coordination; good judgment; initiative and resourcefulness; reliability; thoroughness; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS: Four (4) years of full-time paid experience, or its part-time equivalent, as a skilled automotive mechanic in a garage or repair shop; two (2) years of which shall have involved the repair of construction equipment.

NOTE: Study in a formal training program in the repair of automotive heavy equipment or farm equipment may be substituted on a year for year basis for the above required general experience.

SPECIAL REQUIREMENT FOR APPOINTMENT: Possession of a valid New York State Operator's license at the time of appointment, and maintenance of such license throughout the tenure of employment in the position.

APPROVED: MAY 7, 1990

REVISED: DECEMBER 3, 2021  
CIVIL SERVICE CLASSIFICATION: NON-COMPETITIVE