

## **HEAVY MOTOR EQUIPMENT OPERATOR/WELDER**

**DISTINGUISHING FEATURES OF THE CLASS:** The work combines the responsibilities of Heavy Motor Equipment Operator and Welder 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 performance of skilled welding. 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; and the performance of welding and cutting using electric arc and oxy-acetylene welding equipment. The class differs from that of Heavy Motor Equipment Operator in that Heavy Motor Equipment Operator does not normally perform skilled welding work. The class differs from that of Welder in that Welder 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;

Welds bumpers, fenders, and motor and gear casings;

Repairs broken castings;

Reinforces weak spots in machinery and apparatus;

Builds up work shafting, teeth, sprockets and other machine parts;

Welds chains and reinforcement steel for concrete bridges;

Welds gasoline tanks, platforms and machinery.

Performs a variety of metal fabrication tasks such as rebuilding plows, truck frames, bumpers, and related automotive equipment;

Cleans and maintains work area and equipment;

Maintains records related to the work performed.

**FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL**

**CHARACTERISTICS:** Thorough knowledge of the common practices, tools, terminology and accident precautions of the welding trade; 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 do brazing and cast iron welding with gas; ability to work from plans and specifications and to follow rough sketches and oral or written instructions; 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 to the demands of the position.

**MINIMUM QUALIFICATIONS:**

- A. One year of experience in a position which is substantially similar to that of Motor Equipment Operator; **AND**
- B. Two (2) years of experience as a skilled welder.

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

ULSTER COUNTY  
3490 HMEO/WELD  
Classification: Non-Competitive  
OA

Adopted: July 17, 1990