

Jurisdictional Class: Pending Jurisdictional Classification (PJC)

Adopted: November 9, 2023

## **SENIOR MOTOR EQUIPMENT OPERATOR MECHANIC**

**DISTINGUISHING FEATURES OF THE CLASS:** This is a highly skilled, technical position involving responsibility for the repair, maintenance, and modification of heavy motorized equipment, heavy and light trucks and automobiles, and as applicable by department, emergency response, snow removal, construction, earthmoving, and/or other specialized vehicles and equipment. In addition to performing preventative maintenance, the incumbent accomplishes skilled diagnostic work on vehicles and equipment to include, but not limited, complete engine and vehicle/equipment system overhauls. The work is performed under general supervision allowing considerable leeway for the exercise of independent judgment in performing the technical aspects of the work. Supervision may be exercised over subordinate employees and may include job planning and scheduling. May assist in other sections of the department as necessary with this duty being performed as needed. The incumbent does related work as required.

### **TYPICAL WORK ACTIVITIES:** (Illustrative only)

Overhaul, repair, and maintain vehicles and equipment that have hydraulic, pneumatic, and mechanical utility systems and controls and features not commonly found on ordinary vehicles; maintain, perform tune-ups, and service vehicle and equipment engines; plows, excavation equipment, tractors, pick-ups, vans, and other vehicles assigned to the department;

Repairs, overhauls, or rebuilds engines and does other major repairs of systems such as diesel, gasoline, and other types of internal combustion engines, automatic and standard transmissions, heavy duty drive line systems, and hydraulic utility systems and controls;

Make changes or modifications to vehicles and equipment in accordance with specifications and guidelines;

May utilize computer diagnostic equipment to diagnose problems with computerized engines and emissions;

Performs skilled operations in the maintenance, repair and overhaul of heavy and light automotive equipment;

May make welding repairs and perform bodywork as required;

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

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

Keeps maintenance and repair records in accordance with established policy and procedures;

Prepares requisitions for parts, oil, grease, tires and other materials required for the maintenance and repairs of vehicles and equipment;

Responsible for documenting parts and purchases orders and the work performed either in writing or in the electronic database;

May supervise the work of subordinate employees;

May operate various pieces of equipment during snow and ice operations.

### **FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES & PERSONAL CHARACTERISTICS:**

Thorough knowledge of standard heavy motorized equipment and automotive repair methods and of the terminology and tools of the trade; thorough knowledge of computerized engine diagnostic and emission testing equipment;

Good knowledge of the operation of various pieces of light or heavy equipment;

Good knowledge of the availability and costs of tools, parts, and materials necessary to the trade;

Working knowledge of electrical wiring and electronic circuitry as they relate to heating, refrigeration, air conditioning, and ventilation systems;

Ability to repair and maintain heating, refrigeration, air conditioning, ventilation, plumbing, and electrical systems;

## Senior MEO Mechanic

Good knowledge of safety procedures;  
Ability to develop and implement a preventative maintenance program;  
Ability to plan, coordinate, and supervise the work of others;  
Ability to read and interpret plans, schematics, blueprints, and specifications  
Ability to maintain accurate records and reports;  
Ability to work under adverse conditions;  
Mechanical aptitude.

**MINIMUM QUALIFICATIONS:** Graduation from high school or possession of a high school equivalency diploma and five (5) years of experience in the repair and maintenance of heavy diesel equipment, three (3) years of which must have specifically involved the repair of trucks or other heavy automotive equipment.

**NOTE:** Diploma of Professional Studies in heavy mechanic/diesel mechanic may be credited for up to one (1) year of the required experience. An Associate's degree from a regionally accredited or New York State registered college or university in Automotive Science and/or Technology may be credited for up to two (2) years of the required experience.

**NOTE:** Your degree must have been awarded by a college or university accredited by a regional, national, or specialized agency recognized as an accrediting agency by the U.S. Department of Education/U.S Secretary of Education. If your degree was awarded by an educational institution outside of the United States and its territories, you must provide independent verification of equivalency. A list of acceptable companies who provide this service can be found on the Internet at <http://www.cs.ny.gov/jobseeker/degrees.cfm>. You must pay the required evaluation fee.

**SPECIAL REQUIREMENTS:** Eligibility for an appropriate level New York State Driver's license at the time of application; possession of license at time of appointment.

**SPECIAL REQUIREMENTS FOR THOSE WORKING AT THE PLATTSBURGH INTERNATIONAL AIRPORT:** Applicants must undergo a fingerprint-based (CHRC) criminal history background check that does not disclose that he or she has a disqualifying criminal offense within the previous ten (10) years