

New York State Department of Civil Service
Division of Classification & Compensation

Occ. Code 7347130

Service & Repair Mechanic (Motor Equipment), Grade 12

Brief Description of Class

Service & Repair Mechanics (Motor Equipment) perform skilled mechanical work in automotive repair shops in the maintenance, repair, and overhaul of gasoline, diesel-powered, and alternative fuel self-propelled and non-self-propelled motor-driven equipment, and may perform routine maintenance and mechanical repairs on disabled vehicles, construction, and other equipment in the field.

Distinguishing Characteristics

A Service & Repair Mechanic (Motor Equipment), under the direction of a higher-level Maintenance Supervisor and related titles, diagnoses and repairs self-propelled and non-self-propelled vehicles and equipment; may supervise Maintenance Assistants, Facility Operations Assistants 1, Motor Vehicle Operators, and related titles; may also supervise inmates in the performance of automotive maintenance tasks. All positions are in the non-competitive class.

Related Classes

Facility Operations Assistants perform a variety of routine unskilled and semiskilled manual tasks related to the operation and maintenance of State-owned buildings and facilities, the surrounding grounds, and the vehicles and equipment used in maintaining these sites.

Service & Repair Assistants (Motor Equipment) perform semiskilled motor equipment and mechanical maintenance and repair work generally under the supervision of a Maintenance Supervisor 1 (Motor Equipment), Service & Repair Mechanic (Motor Equipment), Trades Generalist, or other journey-level mechanical trades position.

Maintenance Supervisors 1 or 2 (Motor Equipment) supervise Service & Repair Mechanics (Motor Equipment) and other positions in an automotive repair shop engaged in the maintenance, repair, and overhaul of gasoline, alternative fuel, and diesel-powered, self-propelled, and non-self-propelled motor driven vehicles and equipment.

Illustrative Tasks

Diagnoses and performs major and minor mechanical, electrical, and hydraulic repairs on self-propelled and non-self-propelled vehicles and equipment.

Installs body and fender work on self-propelled and non-self-propelled vehicles and equipment.

Maintains gasoline, alternative fuel, and diesel engines; performs preventive maintenance and safety inspections of vehicles and equipment. When licensed by the Department of Motor Vehicles, may perform NYS Motor Vehicle Inspections.

Maintains diesel powered equipment and components such as, hydraulic systems, transmissions and differentials, hydraulic and air brakes, automotive electronics, fuel injection systems, turbochargers and starting systems.

Operates test equipment, hand and power tools, including equipment that assists in the diagnosis and repair of electronic engine control systems.

Welds, cuts, and brazes a variety of materials using electric or oxy-acetylene welding equipment.

May supervise, train, and instruct subordinates.

When supervising inmates, secures tools and equipment used. Incumbent must be aware of and account for the activities of these supervised individuals at all times while on the job and ensure that the rules and regulations of the facilities governing such activities are followed.

Orders, receives, and inventories supplies and parts for vehicle maintenance and repairs.

Operates a variety of self-propelled motor vehicles and non-self-propelled vehicles and equipment to test proper operation.

Minimum Qualifications

Non-competitive: four years of experience as an automotive or diesel mechanic responsible for the diagnosis of faulty vehicle and/or equipment operation and the performance of mechanical repairs covering several aspects of automotive and/or diesel systems OR an associate's degree in automotive or diesel repair technology.

Substitution: Education as detailed below may be substituted for a maximum of two years of experience.

Graduation from a technical or vocational program, such as B.O.C.E.S, in automotive or diesel technology or automotive or diesel repair technology may be substituted for one year of experience.

Graduation from a one-year post high school certificate program in automotive or diesel repair technology may be substituted for up to two years of experience.

When required to operate motor vehicles, candidates must possess a valid New York State driver's license appropriate for the type of vehicle to be operated.

Note: Classification Standards illustrate the nature, extent and scope of duties and responsibilities of the classes they describe. Standards cannot and do not include all of the work that might be appropriately performed by a class. The minimum qualifications above are those which were required for appointment at the time the Classification Standard was written. Please contact the Division of Staffing Services for current information on minimum qualification requirements for appointment or examination.

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