

AUTO MECHANIC III

DISTINGUISHING FEATURES OF THE CLASS: Under general supervision of a higher level maintenance or administrative position, incumbents perform skilled mechanical repairs and maintenance of heavy equipment (gasoline or diesel self-propelled and non-self-propelled engine equipment); repair hydraulic and anti-lock computerized brake systems, automotive and heavy truck suspension, and charge and repair air-conditioning systems. Incumbents are responsible for a wide variety of repairs and maintenance work on all types of landfill, automotive, diesel and heavy equipment vehicles. This position is not intended to accommodate those who perform maintenance and repair exclusively on "passenger cars". In addition, this class is responsible for carrying out a preventive maintenance program, required maintenance, and mechanical repairs on disabled equipment in the field. This position is distinguished from Auto Mechanic II in that the higher level position requires possession of various licenses (see below). Supervision may be exercised over lower level mechanics in a leadership and training role. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Performs major and minor mechanical, electrical and hydraulic repairs on automotive, landfill and heavy equipment vehicles;

Performs diagnostic and repair work on computer systems pertaining to engine ignition systems, engine fuel systems, brake systems, air conditioning systems, transmissions, solid waste steel ejector trailers, sewage tanker tractor trailers, sewer jet, hi-range trucks, mobile medical unit including plumbing, and mobile diesel generator to insure that equipment functions correctly and to prolong its useful life;

Removes and repairs gasoline or diesel (internal) combustion engines, including crankshaft, pistons, pins, bearings, cylinder heads, valve train, piston sleeves, fuel, cooling and exhaust systems, computerized fuel injection and ignition systems;

Inspects, maintains and repairs computerized electrical and hydraulic systems and accessories;

Removes and repairs brakes, final drives, transmission, torque converters and accessories;

Operates valve grinder, drill press, lathe, welding and burning equipment, oxyacetylene and electric arc welding equipment, air conditioning charge recovery and recycling unit, Allen computerized diagnostic center, Tech I computer analyzer, air conditioning electronic leak detector, computerized wheel balancing unit, heavy equipment truck and diesel computer analyzer and various electronic meters, etc.;

Instructs equipment operators and others in performance of scheduled preventive maintenance on their assigned equipment;

Maintains an equipment parts inventory, orders parts as needed and maintains equipment and inventory records;

EXAMPLES OF WORK: (Cont'd.)

Performs preventive maintenance procedures on all county vehicles including county golf course and parks driving equipment;

Performs New York State Inspections on all county vehicles annually;

Performs front-end alignments;

May tow disabled vehicles to repair site;

Maintains work area in a clean, orderly and safe condition;

Depending on work location, may operate equipment and devices, participate in snow removal, etc., as assigned;

May perform other incidental tasks, as needed;

Uses computer applications or other automated systems such as spreadsheets, word processing, calendar, e-mail and database software in performing work assignments.

FULL PERFORMANCE KNOWLEDGE, SKILLS AND ABILITIES: Thorough knowledge of the tools, techniques and terminology associated with the automotive and heavy equipment and diesel mechanics trade; good knowledge of the accident and safety precautions of the trade; demonstrated ability to perform difficult repairs on all types of automotive equipment, including diesel and heavy equipment vehicles; ability to diagnose mechanical difficulties readily; ability to diagnose and do repairs on computer systems; ability to work from oral or written instructions and without instructions from own diagnosis; ability to get along well with others; ability to use computer applications such as spreadsheets, word processing, e-mail and database software; ability to read, write, speak, understand, and communicate in English sufficiently to perform the essential duties of the position; physical strength and agility; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) Possession of a high school diploma, equivalency diploma or automotive trade school diploma and four of years of experience where the primary responsibility of the position was in automotive diagnostic and repair work, one year of which must have been on heavy motor equipment; or (b) eight years of experience as described in (a), including the one year of specialized experience with heavy motor equipment.

SUBSTITUTION: Satisfactory completion of 30 credits* of post-high school education in the field of automotive repair or maintenance, or closely related field, may be substituted for one year of the above stated general automotive experience.

*SPECIAL NOTE: Education beyond the secondary level must be from an institution recognized or accredited by the Board of Regents of the New York State Department of Education as a post-secondary, degree-granting institution.

SPECIAL REQUIREMENTS:

1. Possession of a valid Commercial Driver's License, Class A, including a Tow Truck Endorsement and Medical Examiner's Certificate for Inter-state driving and;
2. Possession of a New York State Motor Vehicle Inspector License with Light vehicle, Heavy vehicle, and Motorcycles endorsements and;
3. Possession of a valid Air Conditioning Recycling License, issued by an EPA approved organization

Depending on work assignment, must meet standards of OSHA regulation 1910.134 Respiratory Protection, and will be required to meet Federal, State and local standards with respect to health and safety.