

DIESEL MECHANIC/DRIVER

DISTINGUISHING FEATURES OF THE CLASS: The work involves performing repairs requiring a high level of skill to diesel and gasoline powered automotive equipment such as bulldozers, loaders, and heavy trucks. In addition, the incumbent may operate a truck, clearing and sanding roads, when assigned to do so. This class differs from Automotive Mechanic by virtue of required knowledge of and skill in maintaining fuel injection and supercharging systems common to diesel power plants, as well as responsibility for driving trucks. Incumbents also repair vehicle drive trains and chassis. General instructions are received regarding tasks to be done, permitting a considerable leeway in planning the details of each assignment. A Diesel Mechanic/Driver does related work as required.

TYPICAL WORK ACTIVITIES:

- Performs skilled operations in repairing and overhauling diesel and large displacement gasoline powered motor equipment including trucks, tractors, loaders, bulldozers, and power shovels;
- Repairs and replaces oil and fuel pumps, alternators, fuel injectors, superchargers, and water pumps;
- Replaces engine block cylinder liners;
- Installs replacement main bearings and crankshafts;
- Adjusts connecting rods and bearings;
- Diagnoses trouble and repairs or overhauls, brakes, transmissions, clutches, electrical and hydraulic systems, front and rear axles;
- Adjusts steering mechanisms and aligns wheels;
- Maintains sand spreaders, snow blowers, arc welders, portable compressors, and other power equipment;
- Drives a pickup truck to reach disabled vehicles;
- Maintains inspection and service records;
- Mounts and dismounts snow plow blades and other auxiliary equipment;
- May operate a snowplow clearing and sanding roads;
- May perform a variety of manual tasks associated with the repair and maintenance of roads and bridges;
- May use an arc welder or acetylene torch to make repairs;
- May instruct others in diesel engine servicing procedures;
- Performs the duties of an Automotive Mechanic and Commercial Driver Class B.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES, AND PERSONAL CHARACTERISTICS:

Good knowledge of diesel and large displacement gasoline engines and methods associated with their maintenance; demonstrated ability to make repairs to diesel power plants; good knowledge of terminology, tools, and safety precautions associated with automotive maintenance; working knowledge of machine shop procedures; ability to diagnose mechanical, electrical, and hydraulic defects in equipment; ability to work from plans and specifications and to follow rough sketches or oral instructions; ability to operate a motor vehicle safely and in accordance with vehicle and traffic laws; possession of a good driving record; ability to maintain alertness and composure during snow removal activities; manual dexterity; mechanical aptitude; physical condition sufficient to perform the essential functions of the position.

MINIMUM QUALIFICATIONS: Two years mechanical experience, which shall have involved the repair and overhaul of automotive diesel engines.

NOTE: Successful completion of a certified training course in diesel engine repair offered by a New York State approved technical training institute may be substituted for one year of experience described above.

SPECIAL REQUIREMENT:

- A. In agencies where required, possession and maintenance of commercial driver license.
- B. In agencies where required, possession and maintenance of New York State Department of Motor Vehicles inspector's certification as issued by the appropriate New York State authorities.

CATTARAUGUS COUNTY CIVIL SERVICE

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