

Department: Highway
Classification: Competitive
Grade: 10

SPEC DISK G1
DOCUMENT 24

CONSTRUCTION EQUIPMENT MECHANIC

DISTINGUISHING FEATURES OF THE CLASS: The work involves responsibility for the efficient repair and maintenance for a variety of highway construction and automotive equipment. A mechanic in this class must be able to perform major electrical, electronic, hydraulic and mechanical repairs including but not limited to engines, clutches, torque converters, drive lines, chassis, brakes, steering assemblies and accessories on self-propelled and non self-propelled vehicles and equipment. General instructions are received regarding the tasks to be performed permitting leeway for planning the details of each assignment. The incumbent does related work as required.

TYPICAL WORK ACTIVITIES: (Illustrative only)

Repairs bulldozers, tractors, cranes, rollers, graders, and snow plowing equipment;
Straightens and welds frames and fenders;
Performs skilled operations in making general repairs on gasoline and diesel construction equipment both in the garage and in the field;
Operates acetylene cutting and welding equipment;
Uses a variety of machine tools such as lathes and drill presses;
Mounts and dismounts snow plow blades and auxiliary equipment;
Inspects machinery and equipment for needed repairs, overhauling, adjustment or replacement of parts;
May perform motor vehicle inspections.

FULL PERFORMANCE KNOWLEDGE, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS:

Thorough knowledge of standard automotive repair methods and of the terminology, tools and safety precautions of the trade; demonstrated ability to make difficult repairs to automotive equipment; ability to operate acetylene cutting and welding equipment; ability to work from plans and specifications; ability to understand written and oral instructions; good motor, hand and eye coordination; manual dexterity; physical condition commensurate with the demands of the position.

MINIMUM QUALIFICATIONS:

- (a) Three years of experience as a heavy duty or diesel mechanic maintaining and repairing heavy duty construction equipment; or
- (b) Five years of experience as an automotive mechanic maintaining automotive equipment; or
- (c) An equivalent combination of training and experience as defined by the limits of (a) and (b).

NOTE: Completion of a heavy equipment or diesel mechanic repair course may be substituted for the required automotive repair experience on a year for year basis up to a maximum of two years.

PROMOTIONAL QUALIFICATIONS:

Five years of experience as an Automotive Mechanic or Heavy Equipment Operator with the Essex County Department of Public Works.

SPECIAL REQUIREMENTS FOR ACCEPTANCE OF APPLICATION:

Possession of a New York State Class B CDL License at the time of appointment. Possession of a New York State Group 2 Inspector's License Certificate for Heavy Duty and Trailer vehicle group or higher at the time of appointment.

Revised: 12/17/2015

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