

**CLASS TITLE: DIESEL TRUCK AND HEAVY  
EQUIPMENT MECHANIC**

**Class Code: 02239400  
Pay Grade: 18A  
EO: G**

**CLASS DEFINITION:**

**GENERAL STATEMENT OF DUTIES:** To perform a wide variety of duties involved in the inspection, maintenance and repair of diesel trucks and motorized equipment; and to do related work as required.

**SUPERVISION RECEIVED:** Assignments of inspections to be made and repair work to be done are issued by a superior; work methods are subject to approval, but not constantly supervised; all work is reviewed upon completion for satisfactory results and may be inspected closely for conformity with technical requirements.

**SUPERVISION EXERCISED:** Usually none, although may direct the activities of a subordinate assigned to assist.

**ILLUSTRATIVE EXAMPLES OF WORK PERFORMED:**

To inspect, maintain and repair automobiles, trucks, tractors, snowplows, hydraulic equipment, road maintenance machinery and related mechanical equipment.

To inspect, adjust, repair, rebuild and replace, when necessary, transmission, diesel engines, main bearing assemblies, steering assemblies, front and rear axles, differentials, air and hydraulic braking systems, magnetos, carburetors, starters, generators and distributors.

To perform such tasks as refacing, reseating and grinding valves; honing cylinders, replacing bushings, bearings, and gaskets; timing motor; aligning front wheels; relining brakes; inspecting and repairing alternator systems.

To do automotive body, radiator, electrical and battery work not requiring the work of a specialist.

To adjust and repair sanding equipment.

To perform simple welding tasks; adjust and repair truck body and lifts.

To repair tools and garage equipment.

To make urgent and emergency repairs on the road.

To operate a snowplow, truck or other equipment in an urgent or emergency situation.

To study the construction, operation and maintenance requirements of all newly acquired trucks, equipment and passenger car models.

To test and troubleshoot hydraulic system using meters and gate valves. Adjust and repair hydraulic valves, fabricate hydraulic hoses, test hydraulic pumps and motors.

To generate appropriate documentation for the initiation and tracking of work orders through to completion, both in-house and the general marketplace.

To review invoice documents for work performed by private sector sources for appropriateness or work scope and accuracy.

To do related work as required.

**REQUIRED QUALIFICATIONS FOR APPOINTMENT:**

**KNOWLEDGES, SKILLS AND CAPACITIES:** A thorough knowledge of the tools, equipment and methods employed in diesel truck and motorized equipment repair and adjustments; the ability to locate and correct mechanical defects in diesel trucks and motorized equipment; a skill in the use of tools and equipment employed in the repair of diesel trucks and motorized equipment; the ability to perform a wide variety of tasks in the repair or rebuilding of motorized equipment without detailed instructions or close supervision; capacity to perform work while exposed to extreme weather conditions; to perform heavy lifting as assignments require; to knowledgeable exercise safety precautions and common prudence as applied to work performance in roadway settings, materials and fuels handling and storage, and equipment operation; and related capacities and abilities.

## **EDUCATION AND EXPERIENCE:**

Education: Such as may have been gained through: graduation from a senior high school or a recognized GED equivalency, and completion of a vocational or trade school course in the field of diesel truck repair and maintenance; and

Experience: Such as may have been gained through: employment as a general diesel mechanic for a construction company, trucking fleet operation, or provider of diesel truck equipment repair services.

Or, any combination of education and experience that shall be substantially equivalent to the above education and experience.

**SPECIAL REQUIREMENTS:** Must possess and maintain at least a valid Rhode Island Commercial Driver's License, Class B with airbrakes endorsement as a condition of employment . At the time of appointment must be physically qualified by a physician's certificate.

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