

MECHANICAL EQUIPMENT MECHANIC 1

GENERAL

This is mechanical work at the journeyman level consisting primarily of the overhaul and maintenance of heavy duty highway equipment. The work is performed in accordance with standard trade principles and is subject to inspection while in progress and upon completion. The incumbent works under the supervision of the garage foreman or a senior tradesman.

TYPICAL DUTIES

Under the supervision of a senior mechanic, performs all required tasks in the repair and overhaul of trucks and heavy duty equipment. This includes engine rebuilding, transmission repairing (standard and power shift) and other work allied with mechanical maintenance of heavy duty equipment.

Performs other duties as assigned.

QUALIFICATIONS

Knowledge, Abilities and Skills

A working knowledge of the standard practices, methods, tools and equipment of the trade.

Knowledge of the operating principles of diesel and other internal combustion engines.

Knowledge of occupational hazards and the necessary safety precautions.

Skill in the use of tools and in the operation of equipment employed in motor adjustments and repairs.

Skill in locating and adjusting defects in motor equipment.

Ability to understand and carry out oral and written instructions.

Education, Training and Experience

Grade X education and a certificate of qualification as a Diesel Mechanic and/or Automotive Mechanic.

A minimum of two years' experience as an automotive mechanic and/or heavy duty equipment mechanic.

Physical Standards

Physically capable of performing the duties assigned.

MECHANICAL EQUIPMENT MECHANIC 2

GENERAL

This is skilled mechanical work at the journeyman level involving the more difficult and technical work in the maintenance and repair of highway equipment. The incumbent works under the supervision of the garage foreman or a senior tradesman. Assignments are received orally and in writing and the work is subject to inspection upon completion for compliance with job requirements.

TYPICAL DUTIES

Performs all required tasks in the repair and overhaul of trucks and heavy duty equipment. This includes engine rebuilding, transmission repairing (standard and power shift) and other work allied with mechanical maintenance of heavy duty equipment.

Performs other duties as assigned.

QUALIFICATIONS

Knowledge, Abilities and Skills

A thorough knowledge of the standard practices, methods, tools and equipment of the trade.

Knowledge of the operating principles of diesel and other internal combustion engines.

Knowledge of occupational hazards and the necessary safety precautions.

An elementary knowledge of welding, babbitting and metal work generally.

Ability to diagnose mechanical defects and their causes in all general types of equipment used in highway maintenance.

Ability to repair, adjust or maintain all hydraulic lifting and control devices found on heavy duty equipment.

Education, Training and Experience

Grade X education and a certificate of qualification as a Heavy Duty Equipment Mechanic. A minimum of five years' experience as a journeyman heavy duty equipment mechanic.

Physical Standards

Physically capable of performing the duties assigned.