

TRADES 2 - MECHANIC

1. Nature and Scope of Work

This is skilled mechanical work of journeyman level in the maintenance and repair of all types of automotive, heavy duty and miscellaneous mobile and stationary equipment. An employee of this class works under general supervision using independent judgment as necessary regarding the method of repair after receiving oral or written instructions setting forth a work assignment.

2. Illustrative Examples of Work

Mechanical overhaul, repair and preventative maintenance work on a wide variety of construction, light and heavy equipment; performs commercial vehicle inspections; may participate in winter operations to cover fleet maintenance and repairs.

May direct the work of one or more equipment operators assisting in the work.

Maintains vehicle and equipment repair records and makes written reports on the condition of vehicles and equipment with recommendations for maintenance and repairs thereto.

Follows established preventative maintenance schedules.

Performs cutting, brazing and welding of metals as related to the work.

Performs and assists with other public works and related work as required.

Assumes the role of Lead Mechanic as requested or required.

Performs related work as required.

3. Required Knowledge, Abilities, and Skills

Thorough knowledge of the standard practices, materials, tools and equipment used in the maintenance and repair of automotive, heavy duty and miscellaneous mobile and stationary equipment including emergency vehicles.

Thorough knowledge of the principles of repair, overhaul and maintenance of both gasoline and diesel powered engines.

Thorough knowledge of hazards and safety precautions related to the trade.

Knowledge and ability to understand and interpret shop drawings or manuals relating to the types of vehicles and equipment being repaired and maintained.

Knowledge and ability to operate vehicles and equipment to the extent necessary to perform repair and maintenance work and check the sufficiency thereof.

Demonstrated mechanical aptitude and the ability to perform a variety of skilled tasks including the use of specialized tune-up equipment as may be currently common to the trade.

Ability to layout, assign and check the work of others assisting in the performance of unskilled and semi-skilled tasks related to the work.

Ability to understand and effectively carry out general oral and written assignments with a minimum amount of supervision.

Ability to keep and maintain vehicle and equipment maintenance records and the ability to make reports and recommendations related to the preventative maintenance and repair of vehicles and equipment.

Ability to communicate tactfully when dealing with the public, contractors, colleagues and all others.

Ability to respond calmly during stressful situations and prioritize between competing tasks.

Sufficient physical strength, stamina and co-ordination to effectively perform work both indoors and outdoors under all weather conditions.

4. Desirable Training and Experience

Completion of Grade 12 and supplemented with a recognized apprenticeship in the trade program; considerable experience in the repair, overhaul and maintenance of a variety of types of automotive, heavy duty and miscellaneous mobile and stationary equipment; some supervisory experience; five years of general experience applicable to the work; or an equivalent combination of training and experience.

5. Required Licenses, Certificates and Registrations

Heavy Duty Trades and /or Commercial Transport Qualification Certificate.

Motor Vehicle Inspectors Certificate with Air Endorsement.

A valid Class 3 B.C. Driver's License with Air Endorsement.