

Auto Mechanic I

DEFINITION

This is journeyman level work in the trade of Motor Mechanic.

Work of this class involves the mechanical repair and maintenance of automobiles, light trucks including mounted equipment, light construction and agricultural equipment including tractors, mowers, tampers, snowblowers, pumps, compressors, various power tools and related equipment equipped with spark-ignition or diesel engines. Work of this class is distinguished from that of the Heavy Duty Mechanic I class in that vehicles and equipment repaired and maintained by this class of employees do not include tandem axle vehicles with air brakes or a combination of diesel engine and air brakes. Some positions involve major overhauls and repairs under the direction of a supervisor who outlines procedures and reviews work in progress and upon completion. In other positions, the emphasis is on light maintenance and running repair work where an incumbent is allowed independence in determining repair methods and the work is reviewed through equipment performance evaluations. Assignments are received in the form of oral and written instructions or work orders and frequently involve the independent diagnosis of equipment defects. Incumbents may supervise apprentices or semi-skilled helpers.

TYPICAL DUTIES *

Performs general mechanical overhaul and repair work for automobiles, light trucks, light construction and agricultural equipment and related equipment.

Inspects, adjusts and replaces units and related parts including valves, pistons, main bearing assemblies and cooling, fuel and exhaust systems.

Performs preventive maintenance; checks brakes, lights, doors, steering gear and general motor conditions.

Repairs and overhauls brakes, transmissions, differentials, front and rear axles and ignition systems; repairs and installs minor non-complex hydraulic controls; tunes motors using standard testing equipment.

Dismantles, repairs and reassembles air compressors, pumps and related equipment.

Inspects, repairs, overhauls and assembles automotive electric components such as alternators, distributors and starters.

Performs related duties as required.

KNOWLEDGE, ABILITIES AND SKILLS

Considerable knowledge of the standard methods, materials, tools and equipment of the automotive mechanic trade.

Knowledge of the operating principles of gasoline and diesel engines.

Knowledge of the occupational hazards and safety precautions of the trade.

Ability to locate, diagnose and repair malfunctions in automotive vehicles and related equipment.

Ability to understand and execute oral and written instructions and to interpret plans and sketches.

Skill in the use and care of the tools, equipment and materials of the trade.

TRAINING AND EXPERIENCE REQUIREMENTS

Job Level

Certified Alberta Journeyman in the trade of Motor Mechanic. Possession of a Class 5 Alberta Motor Vehicle Operator's License.

* *This is a class specification and not an individualized job description. A class specification represents and defines the general character, scope of duties and responsibilities of all positions within a specific job classification. It is not intended to describe nor does it necessarily list the essential job functions for a specific position in a classification. Positions may perform some of the duties listed above but this does not necessarily qualify for placement into this classification.*

AUTO_MECHANIC_I_2012.DOC

Salary Plan	<u>10M</u>	<u>10A</u>	<u>10B</u>	<u>10C</u>
Job Code	0099			
Grade	034			

Last Updated:	1990-08 (qualifications updated)
Previous Updates:	1981-02, 1980-09
Originated:	1975-04