

Specification for Class of

AUTOMOTIVE MECHANIC

Abolished Initially Effective January 13, 2006

Abolished Final Effective February 10, 2006

Definition: Performs skilled work in repairing automobiles and motorized farm and heavy construction equipment.

Distinguishing Characteristics: Incumbents in this class are distinguished from other equipment mechanic classes by being assigned - a majority of their time - to perform mechanical work on automobiles, vans/panel trucks and pickup trucks under 15,000 GVW, rather than motorized farm and heavy construction and industrial and/or commercial equipment, although they may be required to do so for a minor portion of their time.

Typical Work

Inspects, determines needed repairs, and repairs automotive, farm, and heavy construction equipment, including major engine overhauls, tune-ups, relining and adjusting brakes, wheel alignment, transmission and differential replacement and repair, and electrical replacement and repair;

Repairs fenders, bodies, and other parts; prepares surfaces for painting; uses spray and other painting equipment;

Operates shop equipment such as valve grinders, wheel balancers, hoists, drills, drill presses, and automotive testing and diagnostic equipment;

Adjusts and repairs equipment such as food grinders, concrete mixers, engines, pumps, compressors, mowers, and cultivators;

Estimates materials and manpower needed to complete jobs;

Makes field inspections of equipment to determine maintenance or repair needs; advises equipment operators on methods of operations, load limits, and field maintenance;

Supervises and instructs helpers, patients, or inmates;

Performs other work as required.

Knowledge and Abilities

Knowledge of: standard practices, methods, materials, tools, and equipment of automotive mechanic trade; principles of operation of internal combustion engines; use of automotive testing and diagnostic equipment; safety practices.

Ability to: inspect, diagnose trouble, adjust, maintain, and repair automotive, farm, and construction equipment; estimate materials and time needed to complete jobs; use hand and power tools; weld and braze.

Minimum Qualifications

Journey-level standing as an automotive or heavy equipment mechanic as attested by:

a. Completion of a recognized mechanic apprenticeship.

OR

b. Journey-level standing as a mechanic in a labor union.

OR

Four years of experience in State service as a full-time helper to a journey-level automotive mechanic.

OR

Four years' civilian or military experience in which complete vehicle overhaul and repair was required including power plants, brakes, chassis, clutch and transmission, rear axle assembly, electrical systems, fuel systems, etc.

Vocational or military mechanical training may be substituted, year for year, for up to two years of the required experience.

Note: Selective certification of eligibles with specialized experience will be authorized when filling heavy construction equipment maintenance positions.

Effective November 1, 1965
Revises minimum qualifications
Revised September 11, 1981
Revises minimum qualifications
Revised March 15, 1985
Adds distinguishing characteristics

