

Missouri Department of Transportation

Code: R02017

Title: Equipment Technician

Exemption Status: Non-Exempt

Grade: 8

Job Description

Effective Date 09-01-2014

Replaces (Effective Date) 12-01-2013

General Summary The equipment technician performs entry-level skilled work in the maintenance and repair of light vehicles and heavy construction equipment. Responsibilities are performed under moderate supervision.

Minimum/Required Qualifications Associate's Degree in automotive technology, auto mechanics or diesel mechanics, or Completion of a formal post-secondary technical training program in automobile or heavy equipment-related repair (of at least 30 credit hours and one school year in duration) and one year of experience in automotive or heavy equipment repair
Valid Class A Commercial Driver's License with no air brake restrictions and interstate status (either Excepted Interstate [EI] or Non-Excepted Interstate [NI]).
Valid vehicle inspection license
Successful completion of a work simulation examination and a medical-physical examination.

Supervisory Responsibilities None

Location District Offices - General Services

Special Working Conditions/Job Characteristics Job requires significant physical stamina and endurance.
Job requires exposure to physical hazards, health and safety risks, and/or adverse or otherwise undesirable characteristics in the environment.
Job may require operation of vehicles to plow snow and spread ice control materials.

Examples of Work

- (1) Maintains and performs basic repairs to automobiles, trucks, tractors, loaders, motor graders and other heavy equipment.
- (2) Inspects, services, repairs and overhauls transmissions, engines, clutches, drivelines, differentials, front and rear axle assemblies and ignition systems; repairs and installs hydraulic controls; tunes motors using standard testing equipment; dismantles, repairs and reassembles air compressors, hydraulic jacks, pumps, cylinders and related equipment.
- (3) Inspects, repairs, overhauls and assembles automotive components such as alternators, distributors and starters.

- (4) Completes mandated fleet inspections and ensures all equipment meets OSHA standards and all repairs and modifications are done in accordance with operational specifications and safety standards.
- (5) May weld and modify equipment and fabricate parts.
- (6) Reviews equipment maintenance records and observes employees in the operation of equipment to determine and correct operator error and ensure proper maintenance.
- (7) Gathers computerized diagnostic information to assess vehicle repair needs.
- (8) Requisitions and stores shop supplies.
- (9) Installs vehicle body components, lights, light brackets, mirrors, decals and other accessories.
- (10) Reports out-of-service equipment and estimated time needed for service in order to schedule future work.
- (11) Performs other responsibilities as required or assigned.

The Missouri Department of Transportation promotes an equal opportunity workplace that includes reasonable accommodation of otherwise disabled applicants and employees. Please see your manager should you have any questions about this policy or these job duties.