



City of Kansas City, Missouri Job Class Specification

Job Title:	SENIOR FLEET MAINTENANCE TECHNICIAN	Department:	MULTI
Job Code:	5230	Status:	NONEXEMPT
		Grade:	L-8

Summary

This is skilled mechanical work in the repair and maintenance of light duty and/or diversified heavy, earth-moving, construction, automotive, fire and stationary equipment and engines.

Work involves the repair, maintenance and service of a wide variety of conventional, diesel and natural gas powered engines and related equipment. Work requires the use of usual automotive mechanical tools, specialized shop equipment, tools, gauges and machinery required for heavy equipment work. Work assignments are received from a supervisor, both orally or in writing. Work entails diagnosing the type or extent of work to be done. An employee of this class performs any repair and/or maintenance work and any final tests or checks to determine the work has been completed satisfactorily. Provides support for employees of lesser skills in the accomplishment of their tasks. May be called upon to provide training for lesser skilled employees.

Duties and Responsibilities

- Diagnoses, inspects, maintains and repairs a diversified variety of light, medium and heavy equipment. Conducts tests to locate malfunctions in operation and repair completion before returning equipment back into service.
- Repairs, overhauls, and maintains specialized equipment on pumpers, ladders and other motorized fire equipment such as pumps, hydraulic systems, steering mechanisms, brakes, wiring, plumbing, drive shafts, gear reduction units, transmissions, differentials and diesel and gasoline engine overhaul.
- Performs operational tests of repaired equipment to certify for return to service.
- Fabricates parts not available from standard sources. Performs various types of welding in the completion of duties where the welding is to be completed by City employees.
- Operates various types of simple and complex shop equipment to accomplish tasks.
- Maintains work area in safe and organized manner.
- May operate snow removal equipment where required.
- Performs minor body repairs; checks alignment of wheels; corrects body rattles; replaces and repairs door regulators and locks.
- Welds and does machine work incidental to completion of repair assignments; utilizes available shop tools and instruments to diagnose and repair equipment as needed.
- Performs electrical work on automotive electrical wiring systems, such as installing batteries and terminals and correcting other defects; tests and repairs regulators, alternators, generators and starters; repairs electrical systems.
- Performs major repair and replacement work including major and minor engine overhaul; resurfaces valves and seats, grinds, assembles, and makes adjustments; installs rings and bearings and insures proper clearances; overhauls and repairs brakes, clutches, and rebuilds carburetors; overhauls and repairs differentials and transmissions; repairs and/or replaces water pumps and services cooling system.
- Performs related duties as required.

Technical Skills

- Must demonstrate ability to safely operate and interpret complex diagnostic equipment; determine the appropriate repair for equipment based on own knowledge and reference materials.
- Must demonstrate ability to perform calculations using changes in units of measure and in the interpretation of complex gauges and scales. Ability to differentiate between metric and standard units of measure. Perform calculations with liquid flows, pressures, and volumes.
- The level of technical skill required would be similar to those of ASE Certified Master Mechanic.
- This individual has typically completed an apprenticeship program so that the skill level is a master mechanic level.

Education and Experience

Three (3) years of experience as an automotive technician, including one (1) year in the repair and maintenance of heavy duty automotive and construction equipment.

OR

An equivalent combination of education and experience, which may include the successful completion of an automotive repair trade school or the successful completion of a vocational technical program in automotive maintenance or completion of the Automotive Service Excellence (ASE) certification as a master automotive/truck technician.

**Certificates/
Licenses/Special
Requirements**

- Must possess a valid State –issued driver's license in accordance with the City of KCMO policies.
- Possession of a valid CDL (Commercial Driver's License) Class A, B or C issued by the state of Missouri prior to the end of the employee's probationary period (appropriate CDL will be determined by the department).
- Possession of a valid State of Missouri Inspector Mechanic Permit prior to the end of the employee's probationary period.
- Must pass a physical examination as prescribed by the City.
- Will be required to pass a preemployment drug screen.
- Must pass a background check as prescribed by the City.
- May be required to possess additional certifications depending on the specific job assignments.

**Supervisory
Responsibility**

May act as a lead worker.

**Supervision
Received**

Work is performed under general supervision.

Note: This job description should not be construed to imply that these requirements are the exclusive standards of the position. Incumbents will follow any other instructions, and perform any other related duties, as may be required. Reasonable accommodation will be provided to qualified individuals with disabilities. The City of Kansas City has the right to revise this job description at any time. The job description is not to be construed as a contract for employment.

Created

9/06

Revised

1/08, 8/22