



City of Kansas City, Missouri Job Class Specification

Job Title:	Fuel Telematics Technician	Department:	General Services
Job Code:	5233	Status:	NONEXEMPT
		Grade:	L-8

Summary

This is skilled work supporting the fuel, camera, and telematics infrastructure that allows the Kansas City Municipal, KCPD, and KCFD fleets to function optimally.

Work includes installation, testing, maintenance, diagnosis, and repair of fixed fueling equipment such as fixed fuel management systems and fixed fluid dispensing systems, plus vehicle mounted telematics and camera systems. Work requires the use of a wide variety of hand tools, specialty tools, electrical and mechanical monitoring equipment, and diagnostic programs. Work is coordinated between employee, Fleet Services Management, and using departments. Provides Fuel, Camera, and Telematics support to Fleet Services to accomplish the goals and mission of the division.

Duties and Responsibilities

- Diagnosis, repair, testing, and maintenance of all city owned fuel stations including dispensing equipment, monitoring equipment, diesel fuel polishing equipment, fuel storage tank components, CNG compressors, and fixed shop equipment.
- Diagnosis, repair, testing, and maintenance of fixed fuel management equipment at fuel sites.
- Installation, diagnosis, repair, and testing of fluid dispensing systems in shop or at fuel site.
- Contacts vendors to coordinate periodic inspection and testing of equipment; receives information from vendors regarding updated equipment specification sheets and training provided by manufacturers.
- Installation, diagnosis, repair, and testing of vehicle mounted RFID fuel management systems.
- Installation, diagnosis, repair, and testing of vehicle mounted telematics solutions including DriveCam, GeoTab, Rubicon, and FuelMaster.
- Performs electrical work on a wide variety of light, medium, and heavy duty equipment.
- Performs electrical work on 120VAC systems in dispensing and fixed fuel management equipment.
- Performs related duties as required.

Technical Skills

- Must demonstrate knowledge of the methods, materials, tools, and equipment used in the repair of electronic equipment; the principles of electrical theory as applied to electronic circuits; the occupational hazards and the proper safety precautions to be taken; basic computer and software application skills.
- Must demonstrate ability to detect and repair defects and malfunctions in DC and AC electrical systems; understand and interpret electronic circuit diagrams; understand and follow, quickly and accurately, written and oral instruction.
- Must demonstrate ability to perform calculations with liquid flows, pressures, and volume; ability to perform calculations using changes of unit of measure; ability to differentiate metric and standard units of measure.

- Understanding of industry standard methodologies including safety procedures, compliance standards, and emergency response plans.

**Education
and
Experience**

High school graduation and three (3) years of progressively responsible experience performing maintenance and repair in a variety of automotive applications including demonstrated experience with RFID fueling equipment. Or

High school graduation and three (3) years of progressively responsible experience performing electrical and mechanical maintenance and repair work in the petroleum equipment industry including demonstrated experience with RFID fueling equipment. Or

An equivalent combination of education and experience.

**Certificates/
Licenses/Special
Requirements**

- Must possess a valid state issued driver's license in accordance with City 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. CDL class will be determined by the department.
- HAZMAT 24 hour certification 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 pre-employment drug screen.
- Must pass a background check as prescribed by the City.
- May be required to possess additional certifications depending on specific job assignments.
- This position performs functions in office, shop, and field environments and must perform outside functions in inclement weather conditions as required.

**Supervisory
Responsibility**

None.

**Supervision
Required**

Work is performed under the general supervision of an administrative or technical superior. Work carries significant divisional responsibility and as such has significant latitude in decisions related to work process in field situations.

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 and 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

10-2022

Revised