

City of Rapid City

Job Description

Job Title	Fire Mechanic		
Job Code:	FMEC	Job Family:	
Pay Grade:	NU15	Date Revised:	2/21/2022
FLSA Status:	Non-Exempt		

General Summary: This position is responsible for servicing, repairing, and maintaining vehicles and equipment to ensure overall emergency ready condition of the Fire Department fleet.

Essential Duties and Responsibilities:

The intent of this job description is to provide a representative summary of the major duties and responsibilities performed by incumbents of this job. Incumbents may be requested to perform job-related tasks other than those specifically presented in this description.

- Tests, diagnoses, and repairs gasoline and diesel vehicles and equipment, such as mowers, tractors, light, medium, and heavy trucks, to include suspension systems, tires, hydraulic and air brakes, electrical and ignition systems, drive-train and manual transmissions, clutches and rear axle assemblies, cooling and heating, fuel and exhaust systems, fire engine high volume pumps, multiplexed electronic systems commonly found in fire and emergency apparatus, and other engine components.
- Tunes and repairs diesel engine; fuel injection systems and automatic transmissions; repairs air conditioning systems; tests and overhauls large capacity fire pumps; trains other mechanics.
- Lubricates, changes oil and filter in vehicles, including stationary and diesel-powered equipment components.
- Services and repairs self-contained breathing apparatus and high-pressure breathing air compressor.
- Performs metal fabrication work to include mild steel and aluminum.
- Maintains breathing air test sampling program as per national standard.
- Maintains clean and safe working environment.
- Keeps service maintenance records and orders supplies and documents service and maintenance records to meet National Fire Protection Association (NFPA) standards.
- Travels to represent the Fire Department during apparatus final in sections and during training and education opportunities.
- Acts as a lead in the absence of a supervisor.

Qualifications:

Education and/or Experience:

Associate's degree or equivalent from two-year college or technical school in repair of gasoline-powered vehicles and equipment and diesel engine repair and three years related experience; or, five years experience in repair of gasoline-powered vehicles and equipment, at least three years of which include repair of diesel-powered heavy equipment, hydraulics, welding, and experience in automotive-type air conditioning.

Certificates, Licenses, Registrations:

Must possess a valid South Dakota Class A Commercial Driver's License (CDL) with tanker and air brake endorsements or ability to obtain within 30 days of from date of hire. Ability to be certified in CFC 12 Air Condition Refrigerant and Recycling service procedures within 8 months following date of hire. Must possess

a valid Mine Safety Appliances (MSA) Certified Airmask Repair Education (CARE) Technician (self contained breathing apparatus) certification or ability to obtain within 1 year from date of hire.

Working Conditions:

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is frequently exposed to moving mechanical parts; fumes or airborne particles; outside weather conditions; extreme heat and vibration. The employee is occasionally exposed to wet and/or humid conditions; toxic or caustic chemicals; extreme cold and risk of electrical shock. The noise level in the work environment is usually loud.

Physical Demands:

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel and talk or hear. The employee is frequently required to stand; walk; reach with hands and arms and stoop, kneel, crouch, or crawl. The employee is occasionally required to sit; climb or balance and taste or smell. The employee must frequently lift and/or move up to 50 pounds and occasionally lift and/or move up to 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.

Other Skills and Abilities:

Must be available for 24-hour call out.