

South Jordan City

Job Description

Title:	Firefighter Engineer	Effective Date:	8/20/2025
Org:	100620	FLSA:	Non-Exempt
Pay Grade:	F5	Workers Comp:	Fire

GENERAL PURPOSE

Under general supervision, the Firefighter Engineer responds to emergency calls and planned events to protect life, property and the environment; drives, operates, and maintains fire apparatus and equipment; performs specialized technical duties related to firefighting, rescue, hazardous materials response and administration of basic and advanced life support to the sick and injured; participates in fire prevention, community education, community wellness, training and facility maintenance activities.

SUPERVISOR

Fire Captain

POSITION(S) SUPERVISED

None

ESSENTIAL JOB FUNCTIONS

Meet performance standards established with the employee's supervisor.

Job attendance is required, except for authorized leave. This position has been determined to be not eligible for remote work because all or a majority of the essential job duties must be performed onsite.

Respond to and assist at a wide variety of calls for service including but not limited to fires, rescue situations, hazardous materials incidents, medical emergencies, floods, natural and manmade disasters, elderly assists, police assists and motorist assists.

Identify and implement appropriate tactics to evacuate occupants, rescue victims, protect exposures, perform fire control and extinguishment, forcible entry, ventilation, salvage, and overhaul activities; raise and climb ladders; connect, extend and operate hose lines and perform other related duties as needed to protect life, property and the environment at fire, haz-mat, and rescue related incidents.

Respond to emergency medical incidents; triage patients and determine appropriate medical care, provide basic and advanced life support, and transport the sick and injured to definitive care.

Drive department apparatus; operate fire pumps, aerial ladders and other fixed and loose tools and equipment; use hydraulic theory and mathematics to calculate and provide correct pump pressure to ensure required water pressure at appliances; monitor operating systems and make appropriate adjustments as required.

Conduct life safety inspections of commercial, residential, public assemblies and governmental buildings to ensure compliance with applicable life safety regulations, ordinances and standards; inspect and test fire protection systems; inform occupant of findings; make recommendations regarding correction of hazards; develop quick access plans for commercial occupancies; inspect and perform flow tests of fire hydrants.

Provide community education and wellness services including immunizations, station tours and educational classes.

Conduct daily inspection of condition and readiness of division apparatus and equipment; perform minor repairs and preventative maintenance of apparatus and equipment; clean, wash and maintain apparatus and equipment; maintain the fire station and grounds; maintain inventory of equipment and supplies; and participate in periodic testing of ladders, fire hose, SCBA, pumps, and other apparatus and equipment.

Perform a variety of administrative duties including preparing reports and forms, conducting research, and preparing and presenting recommendations.

Participate in City and department training.

Health & Fitness: Must satisfy the medical requirements of National Fire Protection Association (NFPA) Standard 1582 and at all times maintain a fitness level that meets or exceeds the minimum standard of the department physical ability test and the Wildland Firefighter Fitness test.

Perform other duties as assigned.

MINIMUM QUALIFICATIONS

1. Education and Experience:

A. Five (5) years of full-time firefighting experience.

AND

B. A minimum of one (1) year of full-time experienced with the South Jordan Fire Department.

2. Special Requirements:

Valid Utah Class D Driver License

Successful completion of Driver Development Program

Successful completion of Driver Development Program annual training

Utah EMT-Advanced or Paramedic, Firefighter II, Hazardous Materials Operations Certification

Apparatus Driver Operator and Aerial Operator Certification

Fire Officer I Certification

Fire Instructor I Certification

Fire Inspector I or Company Officer Inspector Certification

Advanced Cardiac Life Support and Pediatric Advanced Life Support Certification

Healthcare Provider CPR Certification

Successful completion of ICS 100, 200, 700 & 800. Completion of ICS 300 & 400 is preferred.

3. Knowledge, Skills and Abilities

Knowledge of basic and advanced life support techniques, procedures, and practices; strategy and tactics for fire suppression and related activities; purposes, uses and operating characteristics of apparatus, equipment, and tools used in firefighting, rescue, emergency medical services, and hazardous materials operations; apparatus placement in both emergent and non-emergency operations; the principles of mechanics, hydraulics and mathematics and their application to the operation of fire apparatus; equipment and apparatus maintenance procedures; occupational hazards and standard safety practices; fire hazards and related prevention/abatement methods; principles and procedures of record keeping; safe driving principles and practices; local geography including city streets, major hazards, and water system; and pertinent Federal, State and Local codes, regulations, and laws.

Skill to operate department firefighting, rescue, hazardous materials response, and emergency medical equipment.

Ability to operate a personal computer, Microsoft products, and other department specific software including the EMS records management system.

Ability to operate all department apparatus safety. Must complete initial driver training and annual driver refresher training.

Ability to perform all tasks, duties and responsibilities associated with the certifications, licenses and essential tasks identified herein; respond quickly to changing situations; exercise good judgment, flexibility, creativity, and sensitivity in response to changing situations and needs, communicate clearly and concisely, both orally and in writing; work under extreme mental tension and pressures; work a variety of shifts for long hours; effectively deal with demanding and traumatic situations; work in all weather conditions; develop effective working relationships with supervisors, medical professionals, fellow employees, and the public.

4. Working Conditions:

Response to emergency situations and participation in training activities involves considerable exposure to stressful situations; strenuous and moderately heavy physical activity; required to stand, walk, crawl or sit in uncomfortable positions for extended period of times; involves exposure to dangerous situations under disagreeable conditions such as cold, wet, high temperatures, toxic fumes, smoke, excessive noise, hazardous materials, communicable diseases, vibration, heights, confined spaces, emergency driving, little to no sleep for extended periods, etc. May be subjected to lifting and dragging items weighing up to 181 pounds. Unconventional working hours are required including nights, week-ends, holidays and/or 48 hour shifts. Travel to different sites and stations are required.

The above statements are intended to describe the general nature and level of work being performed by person(s) assigned to this job. They are not intended to and do not infer or create any employment, compensation, or contract rights to any person(s). This job description reflects management's assignment of essential functions; it does not prescribe or restrict the tasks that may be assigned. This updated job description supersedes all prior descriptions for the same position.

Human Resources Use Only

Job Class:	FF Engineer	EEO-4 Class:	PS Worker
Location:	Fire	EEOP Class:	Prot Serv Sworn
Group/BU:	Fire Step Plan	Tech-Net Match:	1685