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**PRIMARY PURPOSE**

Performs all the duties assigned to Firefighter/Paramedic and in addition, drives firefighting equipment and apparatus to the scene of the fire and operates such emergency apparatus.

**DEFINITION**

The Firefighter Engineer is responsible for all firefighting/EMS related duties and operations as assigned. Involves contact with a wide variety of personalities both inside and outside the District. Requires a high degree of independent decision making in emergency situations. Involves complex emergency and maintenance duties that may have a direct impact upon the operations of the Fire District. Employee is exposed to all manners of environmental conditions including inclement weather, extreme temperatures, dust, noise, dim lighting, and all other conditions as present in the performance of essential function. Incumbent may also experience such hazards as fumes, flames, chemicals, blood, other body fluids, and all other hazards as required in performance of essential functions. Requires the operation of various equipment, machinery, apparatus, and rescue vehicles as needed. May require working long hours and for extended periods of time between meals and breaks in some emergency situations.

**SUPERVISION RECEIVED AND EXERCISED**

Under supervision of Chief Officer; receives technical supervision by Fire Shift Commander pertaining to scene emergency management and fire operations.

Under supervision of the Chief Officer; receives supervision by Deputy Chief or Shift Commander pertaining to emergency medical management.

Directs EMT-I, EMT-B medics and ambulance drivers.

Provides oversight for volunteers on emergencies and at the station as authorized by Fire Shift Commander.

Firefighter/Engineers are not supervisory personnel.

**EXAMPLES OF DUTIES**

The essential functions of a Firefighter Engineer include, but are not limited to, the following duties and responsibilities which are listed in no particular order of importance or significance:

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**ENGINEER SPECIFIC DUTIES:**

1. Serves as Apparatus Operator on assigned shift. Drives District apparatus to scene of fire, lays hose, operates pumps and other emergency apparatus, and stands by equipment or may engage in firefighting activities.
2. Keeps assigned apparatus in a constant state of readiness. Makes daily inspections and performs or sees to necessary maintenance and repair.
3. Troubleshoots mechanical problems with fire and rescue equipment. Performs minor repairs on such equipment and makes arrangements for major repairs.

**FIREFIGHTER SPECIFIC DUTIES:**

1. Responds to alarms and performs all necessary duties as a firefighter including, but not limited to, the use of hoses, pumps, equipment, emergency apparatus and tools necessary in fire suppression, life safety, rescue operations, property conservation operations, clean-up projects, and all other activities as required. Follows standard policies, procedures, guidelines, and safety rules as outlined in federal, state, and local regulations as well as by the District for such activities.
2. Performs duties in a manner which positively reflects on the Fire District.
3. Participates in fire drills and attends classes on fire techniques and other emergency topics as required to maintain necessary skills and proficiency levels as required by state and District standards.
4. Maintains, checks, tests and repairs all fire and rescue apparatus, equipment and facilities as assigned. Responsible for equipment and station checks following policies, procedures, guidelines and safety rules as outlined in federal, state, and local regulations as well as by the District. Performs general maintenance work in cleaning, storing, and reloading equipment, apparatus and supplies. Also cleans and maintains emergency apparatus and District equipment as well as assists in the maintenance of station grounds as assigned.
5. Participates in pre-fire familiarization tour of large buildings, tests hose requirements, and all other preparatory and maintenance functions as required.
6. Responds to general public regarding fire suppression and emergency incidents following District policies and procedures in a courteous and respectful manner. Also assists public in education and fire prevention including station tours, classroom presentations, and greeting public at the station.
7. Compiles, writes and submits required reports by computer for emergency and non-emergency activities to various District Officers.

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**EMS SPECIFIC DUTIES:**

(NOTE: The emergency medical service duties listed below are general in nature and are not a detailed description of duties authorized for each certification level.)

1. Performs life saving initial patient assessment and administers medical treatment, either basic or advanced, as determined by the employee's certification level.
2. Assesses, initiates, and documents treatment for injured, ill, or infirmed patients.
3. Performs lifting and moving of patients without causing additional injury.
4. Performs vehicle extrication activities.
5. Checks and maintains medic unit equipment and supplies.
6. Completes various reports of accident scene and patient care, such as pre-hospital medical care report.
7. Operates various equipment such as suction units, cardiac monitor defibrillators, stretchers, medical instruments/supplies and devices, etc.

**SECONDARY FUNCTIONS**

1. May assist in station clerical and record keeping activities as assigned.
2. Drives various vehicles as required.
3. Performs station chores including laundry, floor maintenance, trash removal, kitchen upkeep, landscaping requirements, and general housekeeping and building maintenance as assigned.
4. Performs other duties as assigned.

**POSITION QUALIFICATIONS**

1. Any combination of education, training, or experience that provides the required knowledge, skills and abilities.
2. High School graduate or equivalent required with some post high school education preferred.
3. Must have two (2) years experience as a paid Firefighter with at least one (1) year experience as a paid Firefighter in the District.
4. Must be certified as an EMT P.
5. Must meet the educational requirements or possess either a Department of Public Safety Standards and Training (DPSST) or International Fire Service Accreditation Congress (IFSAC) certification for Firefighter I, Firefighter II, Apparatus Driver,

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Pumper Operator, Mobile Water Supplies Operator, Wildland Apparatus Operator and Wildland Interface Firefighter.

6. Must meet knowledge, health and physical qualifications established by the Fire District and the Civil Service Commission.
7. Continued employment is held contingent upon annual demonstration of the OSHA required competencies of:
  - a. Physical ability: Must demonstrate the ability to perform the physical activities required for the essential functions of an Apparatus Operator as demonstrated by satisfactory completion of the regularly scheduled physical abilities test given by the District.
  - b. HazMat awareness and operations.
  - c. Bloodborne and airborne pathogens awareness.
  - d. Self-contained breathing apparatus operation.
  - e. Personal protective equipment usage.
  - f. Hazardous communication plan implementation as distributed through company officers.
8. Must possess a current driver's license valid in the state of Oregon and have a driving record insurable by the District's insurer.
9. Ability to drive an emergency vehicle during both day and night in emergency situations involving speeds in excess of posted limits, in congested traffic, and in unsafe road conditions as created by environmental factors.

#### KNOWLEDGE OF

1. Modern firefighting and emergency medical principles, practices, techniques and procedures including operation and maintenance requirements of various types of fire apparatus.
2. Appropriate emergency medical service protocols to injured or ill persons.
3. EMT certification limitations.

#### ABILITY TO

1. Learn firefighting techniques, the use of firefighting apparatus, and first aid techniques.
2. Maintain composure, think clearly, and interpret orders and directions under emergency and daily operations.
3. Comprehend a variety of fire suppression and prevention materials and information.

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4. Conduct a standard building fire inspection.
  
  5. Perform a wide variety of mechanical operations including, but not limited to, the use of various emergency apparatus, equipment and tools in both safe and awkward positions. Ability to use these items for extended periods of time.
  6. Respond to alarms and other emergency situations at all times of the day/night that require the execution of full physical and mental activity and exertion.
  7. Provide emergency medical response, remain calm and be exposed to various hazards such as disease, chemicals, fumes and other hazards as necessary for the execution of primary functions.
  8. Maintain composure and confront stressful situations and withstand the effects of repeated exposure to traumatic and otherwise disagreeable situations.
  9. Prepare incident reports, inspection reports and medical reports by computer using proper, detailed descriptions and appropriate grammar.
  10. Communicate in English, both orally and in writing, including understanding and following oral and written instructions. Also the ability to hear and orally respond to calls for assistance, radio communications and all other calls as needed in all conditions, which may include substantial background noises as experienced in emergency operations.
  11. Interview people and to gather relevant information.
  12. Perform the physical abilities required for the essential functions which include, but are not limited to, regular walking, sitting and standing; the ability to intermittently lift, carry, push and/or pull over 150 lbs., occasionally climb ladders and stairs, crawl, bend, stretch, twist, run, balance, crouch, stoop, twist, turn, pivot and otherwise be mobile; and all other physical activities as required in the performance of the essential functions. Ability and willingness to work in both open and confined work spaces as well as in adverse environmental conditions for extended periods of time with little or no rest. (Due to the nature of the job, no specific time requirements are placed on the daily performance of these physical activities as the incumbent may be required to perform them at any given moment during his or her regular work shift. However, a time requirement is placed on the performance of these physical activities while conducting the regularly scheduled physical abilities test as given by the District.)
  13. Work independently as well as establish and maintain harmonious relations with others both inside and outside the organization.