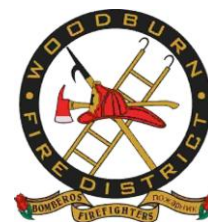
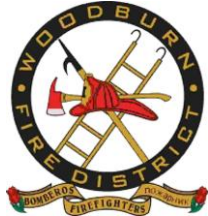


ENGINEER



DIVISION:	EMERGENCY OPERATIONS
DIRECT SUPERVISOR:	COMPANY OFFICER
SUPERVISION EXERCISED:	NONE
SALARY/WAGE STATUS:	EXEMPT, AS PER LABOR CONTRACT
CIVIL SERVICE STATUS:	YES
PERS STATUS:	FIRE & POLICE
BARGAINING UNIT:	IAFF LOCAL 1660
REVISION DATE:	06/26

PRIMARY PURPOSE

Performs firefighting and rescue operations for the combating, extinguishing, and prevention of fires as well as for saving life and property. Performs duties and responsibilities pertaining to hazardous materials response and mitigation. May also perform duties of a paramedic consistent with Oregon EMT Paramedic credentials and District policy.

ESSENTIAL FUNCTIONS

The essential functions of this position include, but are not limited to, the following duties and responsibilities:

ENGINEER DUTIES

1. Responds to alarms; performs duties including, but not limited to, hose line operations, operation of heavy equipment (including hydraulic rescue tools), functions with hand tools necessary in fire suppression including walking on pitched roofs and cutting holes in roofs and/or walls using power or hand tools, life safety activities, rescue operations including forcible entry, property conservation operations, clean-up projects, and all other activities as required.

2. Drives engine apparatus code-3 for emergency response and operates all apparatus equipment, emergency lights and warning devices. Operates engine fire pump at emergency scenes including but not limited to connecting to hydrant or tender for water supply; supplying fire streams and calculating discharge pressures for a variety of hose, nozzle, and master stream appliance configurations; operation of pressure relief valve or pressure governor; drafting and foam operations.
3. Searches, finds, and rescue drags or carries victims (ranging from newborns to adults) to safety.
4. Responds to hazardous materials emergencies and perform necessary mitigation activities per District policies, procedures, guidelines, and safety rules as outlined in federal, state, and local regulations.
5. Functions as an integral component of a team.
6. Participates in fire drills and attends classes on fire techniques and other emergency topics as mandated to maintain necessary skills and proficiency levels that are required by State and District standards.
7. Maintains, checks, tests, and repairs all fire and rescue apparatus, equipment and facilities as assigned. Responsible for equipment and station checks following District policies, procedures, guidelines, and safety rules as outlined in federal, state, and local regulations. Performs general maintenance work in cleaning, storing, and reloading equipment, apparatus, and supplies. Cleans and maintains emergency apparatus and District equipment as well as assists in the maintenance of the fire station and fire station grounds as assigned.
8. Participates in pre-fire familiarization of large buildings, verifies or corrects response aid information, tests hose, and performs all other preparatory and maintenance functions as required.
9. Responds to the general public regarding fire suppression and emergency incidents following District policies and procedures in a courteous and respectful manner.
10. Assists the public in education and fire prevention, including station tours, classroom presentations, and greeting the public at fire stations.
11. Compiles, writes, and submits required reports by computer for emergency and non-emergency activities to various District officers.
12. Provides medical emergency response at certification level, inducing initial patient and situation assessment, cardiopulmonary resuscitation and trauma emergency care; prepares patients and performs advanced life support medical care while remaining within their certified scope of practice.

For engineers assigned as a paramedic and receiving a paramedic incentive, the following additional duties apply:

PARAMEDIC DUTIES:

1. Performs emergency medical services consistent with EMT-P rating and District policy. Responds as part of a team to medical alarms and other emergencies and maintains radio communication with local hospitals for medical consultation.
2. Directs or provides advanced life support care on emergency scenes including triage, EKG interpretation, drug therapy, splinting, bandaging, immobilizing patient, splinting, bandaging, immobilizing patient, extrication and all other related duties involved in on-scene patient care.
3. Completes all reports by computer dealing with patient care as needed to record emergency responses.
4. Provides emergency medical training to other District members as required by the District
5. Maintains required training hours as required by Oregon for EMT-P certification.
6. Responsible for daily checks of controlled substances and maintenance of controlled substance log.

PARAMEDIC FTO DUTIES:

1. Supervises new WFD paramedics (career and volunteer) that have an open paramedic Field Training & Evaluation Program (FTEP) taskbook. The FTEP paramedic performs lead paramedic duties at EMS incidents as described above, and the FTO supervises and mentors the FTEP paramedic.
2. Provides training in ALS skills to career and volunteer FTEP paramedics.
3. Completes daily observation reports (DOR) for career and volunteer FTEP paramedics.
4. Completes a monthly progress summary for career and volunteer FTEP paramedics.

SECONDARY FUNCTIONS

1. Manages administrative assignments and assists 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, and general housekeeping and building maintenance as assigned.
4. Performs fire and life safety code enforcement inspections of selected occupancies within the District.

5. Represents WFD at citizen and community events
6. Performs other duties as assigned.

MINIMUM JOB QUALIFICATIONS

- Must possess State of Oregon EMT-B certification by date of employment and maintain certification to perform the duties of an engineer.
- Must possess State of Oregon EMT-P certification by date of employment and maintain certification to receive an assignment as a paramedic and receive the paramedic incentive as defined in the collective bargaining agreement.
- Must possess a current, valid driver's license and maintain a driving record insurable by the District's insurer to drive a District vehicle.
- Passing score for CPAT for entry and annual maintenance of NFPA 1580 physical fitness requirements for firefighting.
- Minimum Certifications at Entry (Department of Public Safety Standards and Training (DPSST/NFPA) or International Fire Service Accreditation Congress (IFSAC)): Firefighter I.
- Required Certifications within 1 year of employment: Firefighter II; Apparatus Operator for all apparatus types used by the fire district; Either Northwest Coordinating Group (NWCG) or DPSST certification for Wildland Interface Firefighter (FFT2).

REQUIRED KNOWLEDGE SKILLS AND ABILITIES

- Must effectively perform essential job functions under stressful physical and mental conditions.
- Must don and properly adjust personal protective equipment within specified time frames without needing assistance.
- Must advance water filled hose lines up to 1.75 inches in diameter from fire apparatus to occupancy (approximately 150 feet), which may involve negotiating multiple flights of stairs, ladders, and other obstacles.
- Must perform critical, time-sensitive, complex problem solving during physical exertion in stressful, hazardous environments, including hot, dark, enclosed spaces that are further aggravated by fatigue, flashing lights, sirens, and other distractions.
- Must understand a variety of fire suppression and prevention materials and information.
- Must communicate while wearing personal protective ensembles and SCBA under conditions of high background noise, poor visibility, and drenching from hose lines and/or fixed protection systems (sprinklers).

- Must understand a variety of fire suppression and prevention materials and information.
- Must use tools in safe and awkward positions for extended periods of time.
- Must execute full physical exertion and mental activity at all times of the day/night in responding to alarms and emergency situations.
- Must remain calm and maintain composure when confronting stressful and emergency situations.
- Must hear and orally respond to calls for assistance, radio communications, and all other calls as needed under all conditions which may include background noises in emergency operations.
- Must meet National Fire Protection Association (NFPA) standards for health and fitness.

WORKING CONDITIONS

- Under stressful physical and mental conditions, while wearing personal protective ensembles and self-contained breathing apparatus (SCBA), perform all necessary duties as a firefighter.
- Climbing ladders, operating from heights, walking or crawling in the dark along narrow and uneven surfaces, and operating in proximity to electrical power lines and/or other hazards.
- Unpredictable emergency requirements for prolonged periods of extreme physical exertion without benefit of warm-up, scheduled rest periods, meals, access to medications or hydration.
- Must be prepared to report/remain at work during major emergencies, disasters, and some large emergency exercises with little or no notice. Must be able to meet this requirement without substantial delay by taking appropriate steps for individual and family preparedness.
- Functions as an integral component of a team, where sudden incapacitation of a member can result in mission failure or in risk of injury or death to civilians or other team members.
- Repeated exposure to traumatic and otherwise disagreeable situations.
- Must work in both open and confined workspaces as well as in adverse environmental conditions for extended periods of time with little or no rest. Must work under conditions of low visibility.
- Must drive emergency vehicles during both day and night in emergency situations involving speeds in excess of posted limits, in congested traffic, and during unsafe road conditions created by environmental factors.