



Tahoe Douglas Fire Protection District

JOB DESCRIPTION

JOB TITLE	Fire Engineer/Paramedic
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DIVISION	Operations
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FLSA STATUS	Non-exempt
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SAFETY SENSITIVE	Yes
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DEFINITION

Under general supervision of the Fire Captain/Paramedic, the Fire Engineer/Paramedic engages directly in apparatus operations, firefighting, fire ground and theoretic hydraulic calculations, pumping, driving, fire prevention, emergency medical services, and other public safety activities. Additional responsibilities include the maintenance of stations, vehicles, and equipment.

DISTINGUISHING CHARACTERISTICS

The Fire Engineer/Paramedic/Tier III All-Risk is distinguished from the Firefighter/Paramedic in that the former has primary responsibility to drive to emergency situations, and provide maintenance to a variety of fire apparatus, firefighting, and rescue equipment along with participating in fire suppression and fire prevention activities.

REPORTS TO: Fire Captain/Paramedic

ESSENTIAL FUNCTIONS

The functions listed below are examples of the work typically performed by an employee in this position. An employee may not be assigned all functions listed and may be assigned functions which are not listed below.

1. Responds to fires and other alarms using emergency lights and sirens safely while obeying all traffic laws of the State of Nevada.
 2. Drives all District apparatus and a Type I engine, Type III engine, Water Tender or aerial ladder truck and other vehicles as assigned: taking the best route to emergencies, using emergency lights and sirens as directed and safely obeying all traffic laws of that State of Nevada.
 3. Operates apparatus and all equipment at the emergency scene.
 4. Directs hose connections at pump; operate pumps making sure proper pressure and water flow are maintained.
 5. Performs emergency alarms, such as fire, medical, hazardous material, public assist, and other rescues.
 6. Assists in cleanup after emergencies are mitigated.
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7. Reports mechanical failures or difficulties to mechanic and/or superior.
8. Performs general maintenance work in the upkeep of fire/EMS facilities and equipment; cleans and washes walls and floors; cares for grounds around station; makes minor repairs; maintains hose; washes, cleans, polishes, maintains, and tests fire/EMS apparatus and equipment.
9. Participates in fire drills and attends regular classes in firefighting and other emergency techniques and in the operation and care of apparatus and equipment.
10. Assists in evaluating results of apparatus/equipment training and makes recommendations for improvement to his/her Captain.
11. Trains firefighters in safe driving and proper operation of apparatus and equipment.
12. Operates radio and other communication equipment, accurately receiving and relaying radio messages.
13. Maintains a positive working relationship with the public and other Tahoe Douglas Fire Protection District personnel.
14. Ensures all daily, weekly, and monthly apparatus and equipment inspections, test records, and logs are properly filled out and submitted in a timely manner.
15. Writes reports accurately and in a timely manner, documenting incident data, patient assessment, and patient treatment.
16. Performs salvage operations such as throwing salvage covers, sweeping water, and removing debris.
17. Interacts with, supports, and assists Tahoe Douglas Fire District operational employees as directed within the chain of command.
18. Assists in training new employees, as assigned.
19. May participate in developing apparatus specifications, as assigned.
20. Participates in emergency preparedness planning with an emphasis on water supply, vehicle access, power lines, and fire department connections.
21. Assists in developing plans for special assignments such as training programs, firefighting, hazardous materials, and EMS activities.
22. Assists in fire prevention and public education activities.
23. When qualified, performs the duties of Firefighter, Advanced EMT or Paramedic as needed.
24. Serves as a member of various Fire District committees, as assigned.
25. Assumes duties of Acting Captain/Paramedic, as assigned.

QUALIFICATIONS FOR EMPLOYMENT

Knowledge of

- Fire behavior and characteristics of structural, wild land and various other types of fire.
- Hydraulics, practices and procedures of fire suppression, and rescue operations.
- streets and geography; including the location of water mains, water tank capacities, hydrants, and the major target hazards of the Fire District.
- State of Nevada driving laws for emergency and non-emergency vehicles.
- Safe operation and limitations of assigned apparatus.
- Principles, procedures, and applications for fire prevention.



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- All departmental vehicles, equipment, power tool mechanics and operation.
- Emergency medical and resuscitation techniques in relation to certification level.
- Fire District Best Practices, policies and procedures and other department related materials.
- Personal protection equipment use, care, and maintenance.

Skill to

- Apply standard firefighting and emergency medical techniques to specific situations
- Safely drive, operate, adjust, and repair ambulance vehicle under both emergency and non-emergency conditions
- Safely operate the following tools and equipment: Fire apparatus: fire pumps, hoses, ladders and other standard firefighting equipment, ambulance, and associated emergency medical service equipment

Ability to

- Drive, operate, adjust, and repair various types of fire apparatus under both emergency and nonemergency conditions.
- Apply standard firefighting and emergency medical techniques to specific situations.
- Follow verbal and written instructions.
- Handle stressful situations.
- Communicate effectively, both verbally and in writing.
- Establish effective working relationships with employees, other agencies, and the public.
- Prepare and maintain accurate and orderly reports and records and safely operate the listed tools and equipment.

Experience and Training:

Any combination of training, education, and experience that would provide the required knowledge, skills, and abilities. A typical way to gain the required knowledge, skills, and abilities is:

- High school diploma or equivalent and
- Three (3) years of experience as an All-Risk Firefighter.

Required Certifications and Licenses:

All required certifications and licenses must be maintained and current through the duration of employment. Additionally, the highest level of EMS certification received must be maintained throughout the duration of employment.

- Possess and maintain Nevada Advanced EMT certification and/or
- Possess and maintain Nevada Paramedic Certification.
- Possess and maintain current ACLS, PALS, ITLS and or PHTLS.



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- Possess and maintain current Nevada Ambulance Attendant License.
- Possess and maintain current BLS Provider CPR certification.
- Possess and maintain Nevada Driver's License-Class B with F endorsement or an equivalent from state of residency.

Job Related Requirements:

In addition to all job related requirements listed in the Firefighter AEMT Tier III or Firefighter/Paramedic Tier III job descriptions must have the following certifications:

- Firefighter II - National Fire Protection Association (NFPA)
- ICS 300 - Intermediate ICS for Expanding Incidents
- Driver Operator 1A/1B or Nevada Driver Operator Certification
- Complete Engineer Task Book

Completion of Engineer 12 month probationary period:

- 6 month - Engineer Skills Test
- 12 month - Engineer Skills Test

Special Requirements:

Additional Coursework required within 24 months of appointment:

- Complete Section I of Company Officer Task Book
- Complete the Marine 24 Co-Pilot Task Book
- S-231 - Engine Boss (Initiate ENGB Task Book)
- S-219 - Firing Operations
- S-131 - NWCG Firefighter Type 1/ ICT5 (with Task Book completed)

PHYSICAL AND MENTAL REQUIREMENTS

The physical and mental requirements described here are representative of those that must be met by an employee to successfully perform the essential functions of the job.

Strength, stamina, and agility to frequently sit, lie on back, and perform repair tasks; to be in awkward and confined positions for periods of time; to stoop, squat, bend, kneel, crouch, crawl, climb, or balance. Strength and stamina to carry, lift, loosen, push, and pull various mechanical and automotive parts and equipment, and use hands to finger, handle, reach, tighten, feel, or operate objects, hand and power tools, or controls. Frequent lifting and/or moving of objects up to 50 pounds and occasional moving of objects up to 175 pounds.



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Specific vision abilities required include close vision, color vision, and the ability to adjust focus. Hearing acuity to sufficiently be able to differentiate subtle changes in engine sounds. Position must be able to communicate over the noise of engines, motors, and machinery. Ability to appropriately handle stress and interact with others including supervisors, coworkers, members of the public, and others. The ability to interact professionally, communicate effectively, and exchange information accurately. Maintain regular and consistent punctuality and attendance.

In compliance with applicable disability laws, reasonable accommodations may be provided for qualified individuals with a disability who require and request such accommodations. Incumbents and individuals who have been offered employment are encouraged to discuss potential accommodations with a qualified Tahoe Douglas Fire Protection District representative

WORKING CONDITIONS

Work is performed under the following conditions:

Field duties take place in urban and wildland environments with steep, uneven, rocky terrain and may be conducted during periods of snow, extreme heat, rain, wind, or other inclement weather conditions. Employees may be exposed to dust, loud noises, and general outdoor conditions while performing field duties. Frequent interruptions to planned work activities occur. The noise level in the work environment varies from quiet office settings, to moderate during daily work routine, and to extremely loud on fire assignments. There is a risk of death or injury from falling trees and natural hazards.

ACKNOWLEDGEMENT

I have reviewed this job description, along with any attachments, and find it to be an accurate description of the demands of the job.

PRINT NAME

SIGNATURE

DATE