

SNOHOMISH COUNTY JOB DESCRIPTION

FIREFIGHTER/MECHANIC I

Spec No. 4093

BASIC FUNCTION

To protect the general public from injury or property loss through fire fighting activity, first aid, rescue, hazardous-materials response, and airport security. To maintain Fire Department apparatus and equipment in proper working condition. And, to accurately record appropriate safety and functional test records on all assigned apparatus and equipment.

STATEMENT OF ESSENTIAL JOB DUTIES

1. Performs general and aircraft fire fighting work through extinguishing or preventing hostile fires. Lies out and connects hose; holds and directs hose streams; raises and climbs ladders.
2. Removes persons from danger; administers first aid to injured persons.
3. Participates in fire prevention programs through building inspections and public education.
4. Performs major and minor vehicle repair on fire department apparatus including the complete removal, repair rebuild and replacement of engines, transmissions, pumps, tanks, electrical systems, hydraulic systems, fuel systems, and body components. The work is performed on apparatus that is not part of the county fleet repair and replacement system.
5. Welds both steel and aluminum, and manufactures necessary parts utilizing fabricating equipment to include lathes, vertical mills, metal shears and breaks.
6. Tests and repairs self-contained breathing apparatus, chain saws, rescue saws, rescue jaws, and generators; and re-couples hoses.
7. Tests fire hose, ladders and fire pumps to National Fire Protection Association (NFPA) Standards.
8. Accurately records information detailing the maintenance, repair, cost accounting, safety, functions, and testing of all apparatus assigned.

STATEMENT OF OTHER DUTIES

9. Performs related duties as required.

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MINIMUM QUALIFICATIONS

Six (6) months education in an accredited trade school with major skills in diesel and gas automotive repair and service, welding, and machine shop (lathe and milling machine skills); OR, any equivalent combination of training and/or experience that provides the required knowledge and abilities. Mechanical repair experience with heavy diesel equipment, on and off road heavy equipment, and Airport Aircraft Rescue Fire Fighter (ARFF) and Crash/Rescue equipment preferred. Level B/Commercial Driver's License (B/CDL), Automotive Standard Excellence (ASE), Emergency Vehicle Technician (EVT) qualifications preferred. Must pass job related tests.

SPECIAL REQUIREMENTS

- A job offer will be conditioned on satisfactory passing of a physical agility test, a criminal history background check, and a medical examination meeting the NFPA 1582 *Standard On Medical Requirements for Firefighters*.
- Must pass a fingerprint-based Criminal History Record Check (CHRC) as required by TSA.
- After employment, an annual physical is required.
- A valid Washington State Driver's License is required for employment.
- Possession and maintenance of a valid Washington Commercial Driver's License that includes a minimum of a Class "B", air brakes, and a Tank Vehicle endorsement within thirty (30) days of employment is required. This will require participation in the County's Random Drug and Alcohol Testing Program.
- Possession of a valid First Aid Card and CPR Certification within sixty (60) days of employment is required.
- Completion of the basic FAA approved Aircraft Rescue and Fire Fighting (ARFF) Class within ninety (90) days of employment, or as modified by the Public Safety Manager, is required.
- Graduation from the Washington State Fire Academy within twelve (12) months of employment, or as modified by the Public Safety Manager, is required.
- Possession and maintenance of a valid Emergency Medical Technician (EMT) Certification within thirty-six (36) months of employment, or as modified by the Public Safety Manager, is required.

KNOWLEDGE AND ABILITIES

Knowledge of:

- the equipment, materials, methods, equipment and supplies used in the maintenance, repair and servicing of a variety of gasoline and diesel powered equipment
- the theory and operating principles of internal combustion engines, vehicle systems, and components

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- the operation of and routine maintenance and troubleshooting procedures for a variety of gasoline and diesel powered equipment
- TIG and MIG welding

KNOWLEDGE AND ABILITIES (Continued)

Ability to:

- physically and mentally perform the duties of an Airport Firefighter
- maintain, service and perform minor repairs on a variety of equipment
- read, understand and use a variety of service and parts manuals for a variety of equipment
- inspect vehicles and detect faulty equipment, safety defects and other problems
- use a variety of hand and power tools, grease guns, tire mounting machines and other equipment used in the servicing of equipment
- operate a variety of equipment safely and courteously under a variety of traffic and weather conditions
- mount, dismount, change and repair various types of tires
- read, understand and comply with safety rules and regulations
- follow oral and written instructions
- deal courteously and tactfully with other county employees and with the general public;
- maintain required records
- cope with emergency situations calmly and effectively
- communicate effectively verbally and in writing
- learn to plan, schedule, and evaluate all mechanical work done on fire department apparatus and equipment
- learn to read and understand National Fire Protection Association, Washington State Labor and Industries, Washington Industrial Safety and Health Act, and department rules on apparatus repair, testing and purchase

SUPERVISION

Employee reports to the Airport Firefighter/Mechanic Level II, Public Safety Manager, or Fire Captain as assigned. Fire fighting work is performed under close supervision. Specific instructions are usually given for unusual or non-routine tasks. The Firefighter/Mechanic Level II has the ultimate decision on mechanical repairs and vehicle inspections.

WORKING CONDITIONS

This position requires performing work both indoors and outdoors in all types of weather. The employee would be exposed to a variety of hazards such as working in and around burning buildings and aircraft, fuel, high voltage and chemical exposure. The position requires heavy lifting up to fifty (50) pounds, rapid movement and working at heights.

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The employee in this position will be based in the Airport fire station. Employee will normally work a 40 hour workweek as scheduled by the Public Safety Manager. The shift schedule and duration may be varied to meet airport activity requirements.

Snohomish County is an Equal Employment Opportunity (EEO) employer.

Accommodations for individuals with disabilities are provided upon request.

[EEO policy and ADA notice](#)

Class Established: November 2002

Revised: July 2005, September 2019

EEO Category: 4 – Protective Service Workers

Pay Grade: 561 – Airport Fire Fighters Pay Plan

Workers Comp: 6904 Firefighters