

SNOHOMISH COUNTY JOB DESCRIPTION

FIREFIGHTER/MECHANIC II

Spec No. 4071

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 Snohomish County Airport Fire Department and contracted departments apparatus and equipment in proper working condition. To maintain appropriate safety and function records and tests on all assigned apparatus and equipment.

STATEMENT OF ESSENTIAL JOB DUTIES

1. Serves as a lead worker over employees maintaining Fire Department apparatus and equipment; implements and documents a safety and training program for all Airport Firefighter Mechanics to provide a successful mechanic educational program that supplements the concurrent Firefighter Safety and Training Syllabus.
2. Performs general and aircraft fire fighting work through extinguishing or preventing hostile fires. Lays out and connects hose; holds and directs hose streams; raises and climbs ladders.
3. Removes persons from danger; administers first aid to injured persons.
4. Participates in fire prevention programs through building inspections and public education.
5. Oversees, prioritizes, schedules and 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 publicly owned and contracted apparatus that are not part of the county fleet repair and replacement system.
6. Welds both steel and aluminum and manufactures necessary parts utilizing fabricating equipment available to the Airport Fire Shop.
7. Tests and repairs chain saws, rescue saws, rescue jaws, generators and re-couples hose.
8. Tests to National Fire Protection Association (NFPA) Standards, fire hose, ladders and fire pumps.
9. Accurately records, certifies and oversees the administrative processing of records detailing the maintenance, repair, cost accounting, safety functions and testing of all apparatus assigned.
10. Oversees, coordinates and documents the Automotive Standard of Excellence (ASE) and Emergency Vehicle Technician (EVT) training of fire fighter mechanics in the accomplishment of certification and re-certification program requirements.

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STATEMENT OF OTHER JOB DUTIES

11. Performs related duties as required.

MINIMUM QUALIFICATIONS

Three (3) years full-time employment in a public agency fire department including, mechanical repair experience with heavy diesel equipment, on and off road heavy equipment. Certification for repair and maintenance of airport Aircraft Rescue Fire Fighter (ARFF) and Crash/Rescue equipment required within 12 months or as modified by the Public Safety Manager. Must pass job related tests.

SPECIAL REQUIREMENTS

A job offer will be conditioned on satisfactory passing of a physical agility test, criminal history background check, and medical examination meeting the NFPA 1582 Standard on Medical Requirements for Firefighters. After employment, an annual DOT physical will be offered and paid for by the employer.

A Washington State Drive's License is required for employment.

Must pass a finger-print based Criminal History Record Check (CHRC) as required by the TSA.

Possession and maintenance of a valid Washington State Commercial Driver's License that includes a minimum of a Class "B", air brakes, and a Tank Vehicle endorsement is required within 30 days of employment.

You will be a candidate for random drug testing.

Possession of a valid First Aid Card and CPR Certification is required within 60 days of employment.

Graduation from the Washington State Fire Academy is required within 12 months of employment, or as modified by the Public Safety Manager.

Completion of the basic FAA approved Aircraft Rescue and Fire Fighting Class is required within 90 days of employment, or as modified by the Public Safety Manager.

Possession and maintenance of a valid Emergency Medical Technician (EMT) Certification is required within 12 months of employment, or as modified by the Public Safety Manager.

Emergency Vehicle Technician (EVT) Master and ASE Master Certifications are required within 12 months of employment or as modified by the Public Safety Manager.

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KNOWLEDGE AND ABILITIES

Knowledge of:

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

Ability to:

- physically and mentally perform the duties of an Airport Firefighter
- maintain, service and perform major and 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
- cope with emergency situations calmly and effectively
- communication effectively verbally and in writing
- plan, schedule, supervise and evaluate all mechanical work done on fire department apparatus and equipment
- read and understand National Fire Protection Assn, Washington State Labor and Industries, Washington Industrial Safety Health Act, and department rules on apparatus repair, testing and purchase

SUPERVISION

Employee reports to the Public Safety Manager for mechanic administration or Fire Captain as assigned for fire fighting related events. Fire fighting work is performed under close supervision. Specific instructions are usually given for unusual or non-routine tasks. Employee oversees and makes decisions on mechanical repairs and vehicle inspections.

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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, rapid movement and working at heights.

The employee in this position will be based in the Airport fire station. Employee will work a 40-hour workweek as scheduled by the Public Safety Manager. The shift schedule 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: December 1998 as Firefighter / Mechanic
Revised and Retitled: October 2002, January 2003
Revised: December 2004, July 2005 from 553, September 2019
EEO Category: 4 – Protective Service Workers
Pay Grade: 562 – Airport Fire Fighters Pay Plan
Workers Comp: 6904 Firefighters