



## CLASS SPECIFICATION

Class Code: 19351  
Date Est: 7/2023  
Last Rev:  
Last Title Chg:  
FLSA: Non-exempt  
Probation: 12 Months

### WILDLAND ENGINE OPERATOR

#### **DEFINITION**

Under general supervision, operates and maintains apparatus including driving, pump operation, lifting and pulling hose equipment and other related work activities connected with the response to emergency incidents and project work. Serve as a full assistant to the supervisor of a Fire Engine Module and performs related duties as assigned.

#### **EXPERIENCE AND TRAINING REQUIREMENTS**

Graduation from high school or equivalent education and three seasons of firefighting experience, NWCG Firefighter Type I experience; OR an equivalent combination of education and experience as described above.

#### **LICENSE OR CERTIFICATE**

##### **Required at the time of application**

- FEMA ICS100 Introduction to ICS
- FEMA IS-700 An Intro to the Incident Management System
- NWCG S-212 Power Saws

##### **Required at the time of appointment**

- Valid Nevada Class C driver's license, or equivalent, which complies with the Nevada Department of Motor Vehicles' requirement
- Qualified NWCG FFT1

##### **Required within a one year of appointment**

- Valid Nevada Class B driver's license, or equivalent, which complies with the Nevada Department of Motor Vehicles requirement with tanker and air brake endorsement
- NWCG S-131 Advanced Fire Fighter/Squad Boss
- NWCG S-211 Portable Pumps and Water Use
- NWCG L-180 Human Factors
- NWCG S-260 Business Management
- NWCG S-270 Basic Air Operations
- NWCG S-290 Intermediate Wildland Fire Behavior
- Certification NWCG Single Resource Leader (S-230)
- Completion of the TMFPD Resource Task Book
- Completion of the NWCG ENOP Task Book

##### **Required at time specified below:**

CPR certification with hands-on skills assessment within 6 months of appointment.

#### **SUPERVISION EXERCISED**

May lead the work of a crew in the absence of the Squad Boss.

**EXAMPLES OF DUTIES** *(The following is used as a partial description and is not restrictive as to duties)*

*required.)*

Maintain fire apparatus and equipment to maintain constant readiness; make daily inspections and follow preventive maintenance schedules; check, clean, sharpen, adjust, and make minor repairs to equipment; report mechanical problems and arrange for repairs; and replace used equipment and supplies.

Drives fire apparatus and other emergency vehicles used in the transport of equipment and personnel in response to fire, projects, and other emergency incidents.

Manage, lead, and participate in project work, wildland fire suppression; fire prevention and education; equipment and facility maintenance.

Control wildland fires; build hand lines, fall trees, lay hose lines and direct nozzles; lead dozers; set backfires; direct aerial drops; provide structural protection; and mop up and patrol fire areas to safeguard life, natural resources and structures.

Operates pumps and other fire apparatus ensuring that water flows in sufficient quantity and pressure for application at the scene of fires and hazardous material incidents.

Maintain, inventory, and prepare various records, maps, and reports.

Participate in and receive training in fire control and prevention, fire hazards, and firefighting with wildland techniques.

Operate and maintain specialized equipment such as wildland apparatus, chain saws, portable fire pumps, and hydraulics.

Perform various public information and public relations tasks, answer questions from the general public.

Ensure that assigned personnel perform duties and responsibilities in a safe and prudent manner which does not expose them or others to unnecessary harm or risk of on-the-job injury.

Knowledge and ability to operate complex communication hardware including multi-channel two way radios with numerous programmable frequencies and computers/tablets for accessing fire weather and fire modeling programs, and GPS/ mapping apps.

Complete tasks in accordance with applicable laws, rules, procedures, and guidelines.

Work within the NIMS/ICS environment.

Provide Basic Life Support as required.

May act as Squad Boss when assigned.

## **JOB RELATED AND ESSENTIAL QUALIFICATIONS**

**Full Performance** *(These may be acquired on the job and are needed to perform the work assigned.)*

### **Knowledge of:**

Policies and procedures of the District.

Geography of the district, including major streets and landmarks.

Basic tree, brush, and vegetation identification.

Fuels reduction and wildland firefighting methods, tools, and equipment.

Supervisory methods and personnel practices and procedures to carry out responsibilities in the absence of the supervisor and to plan work schedules to meet unit needs.

Basic Life Support medical treatment.

**Ability to:**

Perform a variety of fuels reduction and wildland firefighting assignments.

Provide lead direction for fuels management / fire crew.

Pump operations and hydraulic systems; emergency vehicle and equipment operation.

Provide emergency medical treatment to sick and injured persons.

**Entry Level** *(Applicants will be screened for possession of these through written, oral, performance, or other evaluation methods.)*

**Knowledge of:**

Basic mathematics.

Fire behavior and fire control techniques.

Fire line terminology.

Principles and practices of fuels reduction.

Two-way radio communication and computers/tablets for accessing fire weather and fire modeling programs, and GPS/mapping applications.

**Skills in:**

The use of power and hand tools and equipment.

**Ability to:**

Construct fire line.

Use firefighting tools and equipment.

Use two-way radio equipment and computers/tablets for accessing fire weather and fire modeling programs, and GPS/mapping applications.

Learn a variety of fuels reduction and firefighting duties, methods, tools, and equipment.

Analyze situations quickly and reach logical conclusions in emergencies.

Plan, organize, and prioritize daily activities.

Read and comprehend laws, regulations, policies, and procedures.

Read and follow street maps.

Understand and follow oral and written directions.

Maintain records and prepare reports.

Understand basic arithmetic elements using whole numbers, decimals, percentages, and fractions.

Exercise good judgement and safe work practices.

Exercise emotional control and work under stressful situations.

Communicate effectively, both orally and in writing.

Establish and maintain effective working relationships with departmental personnel, other agencies, the public, and others contacted in the course of work.

### **SPECIAL REQUIREMENTS**

*Essential duties require the following physical skills and work environment.*

Work crews consist of hourly employees. Work hours will normally involve 40-hour work weeks, but are variable and may include weekends, evenings, and/or holidays. Incumbents may work irregular hours, weekends, holidays or evenings.

Duties involve hiking, lifting, bending, and carrying heavy loads in mountainous terrain on steep slopes varying between 30 to 90%. Must be able to regularly lift 65lbs or 1/3 of their total weight unassisted. Ability to frequently stoop, bend, kneel, and climb. Corrected hearing and vision to normal range. Ability to work at considerable heights. May work in extreme weather conditions, from the low teens of winter to summer high desert temperature's over 100 degrees. Must display the ability to show good judgement and safe work practices during shift lengths of 16 to 24 hrs. for a 16-day period. Ability to participate and lead in a daily physical training program consisting of 30 to 45 min. of cardiovascular challenge and 15 to 20 min. of strength training exercises. Ability to tolerate exposure to extreme weather conditions, heat, fumes, smoke, pressurized water, and chemicals.

All licenses and certifications required to be kept current and maintained for continued employment.

Applicants will be required to undergo a background investigation prior to being considered for employment.

Applicants will be required to pass a thorough medical examination which may include, but not be limited to, a physical agility test prior to appointment and for continuing employment.

May work in and around aircraft such as helicopters.

*This class specification is used for classification, recruitment, and examination purposes. It is not to be considered a substitute for work performance standards.*