

TWAIN HARTE COMMUNITY SERVICES DISTRICT **JOB DESCRIPTION**

POSITION: SEASONAL FIRE APPARATUS ENGINEER

UPDATED: JULY 1, 2021

1. General Job Description

Under the direction of the Fire Chief and Fire Captain, the Seasonal Fire Apparatus Engineer's work generally includes firefighting, emergency medical care, public education, fire prevention, response to public service incidents, maintenance of fire apparatus, stations, and other related fire equipment, training (both hands-on and classroom/lecture), and other related duties as assigned by the Fire Captain or Fire Chief.

The position of Seasonal Fire Apparatus Engineer is considered a non-benefited, temporary, full-time position that works for a maximum of five months. Although the position is not benefited, it is eligible for CalPERS retirement per the District's policies.

2. Primary Job Functions and Responsibilities

- Responds to fire and other emergency incidents.
- Serves as the primary driver and operator of District fire apparatus.
- Operates fire equipment and assists in the suppression of fires.
- Assists with fire prevention inspections and public education.
- Administers emergency medical care and rescue.
- Tests and maintains fire equipment.
- Maintains fire station and training grounds.
- Answers telephone and communicates through radio equipment.
- Completes apparatus inspections per DOT specifications.
- Drives and works in inclement weather.

3. Required Qualifications

3.1 Knowledge of:

- Contemporary structural and wildland fire suppression techniques, emergency medical care, vehicle extrication, and rope rescue skills.
- Principles, practices, and skills of emergency medical care, including Cardio Pulmonary Resuscitation (CPR) and Automatic External Defibrillation (AED)
- Basic principles of mechanics.
- Basic concepts of small tools use and identification.

- Ability to read a map and navigate within the District.
- Knowledge of water sources and systems, specifically fire hydrants systems.
- Hydraulics, as they relate to fire.
- Concepts of fire service and emergency incident management.

3.2 Ability to:

- Think and react under stressful situations, follow directions from a Fire Captain or Fire Chief, act quickly and provide helpful direction to firefighters or other adjoining forces under emergency conditions.
- Assist the Fire Captain with collateral duties.
- Quickly perform basic fire hydraulics calculations.
- Perform prolonged strenuous physical activity involving lifting loads in excess of 50 pounds and requiring the full range of lifting, stretching, kneeling, bending, and twisting abilities. These activities are frequently performed in adverse weather and environmental conditions.
- Prepare clear and concise reports.
- Communicate effectively, both orally and in written form.
- Interact with the public and promote a positive public image.
- Work cooperatively with both paid and volunteer firefighters.
- Pass physical testing, background investigations, and medical clearances.

3.3 Experience:

- Minimum of 1 year working as an apparatus operator or equivalent experience.

3.4 Education:

- High school diploma or equivalent.

3.5 Licenses, Certifications and Other Qualifications:

- State certified Firefighter I.
- Apparatus Driver Operator 1-A
- Apparatus Pump Operator 1-B
- Current California EMT-I Certification or NREMT
- California Driver's License: Class A, B, or C with Firefighter endorsement.
- Completion of NIMS 700-800
- LARRO-Low Angle Rope Rescue Operational

4. **Desirable Qualifications**

- Minimum of 2 years working as an apparatus operator or equivalent.
- FSTEP- Vehicle Extrication

- S-290
- Engine Boss
- Company Officer State Fire Training

5. Work Hours: Full-Time, Temporary

- Basic work hours: 48 hours on with 96 hours off.
- May be required to work overtime or fill vacancies on other shifts.
- Temporary position with maximum term of 5 months.

6. Working Conditions

6.1. Physical Demands:

Most of the work day involves doing tasks that require the following physical demands for extended periods of time:

- Standing, balancing, walking and working on uneven, steep and slippery terrain; climbing up and down slopes and stairs.
- Kneeling, stooping, bending and squatting.
- Lifting, pulling and carrying - regularly up to 20 lbs., frequently up to 50 lbs., and infrequently up to 100 lbs.
- Use of hands to handle or feel objects, tools, equipment, controls, electronics, computer appurtenances; to write; and to perform fine and large motor skilled tasks.
- Use of hands, feet, coordination and vision required to drive vehicles and operate equipment in normal and hazardous conditions.
- Hearing clearly and speaking loudly and clearly.
- Utilizing close and distance vision.
- Sitting and use of hands and vision to perform computer and other tasks.

6.2. Mental Demands:

- Reading, writing and mathematics.
- Analysis, problem solving and independent judgement.
- Attention to detail and accuracy.
- Communication and social skills.

6.3. Environmental Demands:

Most of the work day is spent outdoors, working in the following conditions for extended periods of time:

- Extreme cold and hot, typically ranging from 10-105 degrees.
- Extreme weather: snow, rain, wind and heat.

- Work during day and night; bright and dark.
- Exposure to fumes/gases from engines and other equipment, vegetation control and other chemicals, dust and naturally occurring gases in confined spaces.
- Exposure to noise and vibration from tools and equipment.

7. Other Requirements

7.1. Exceptions to Required Qualifications:

- A combination of education and experience in a full-time paid fire department may be accepted in place of the required qualifications. Such education and experience must demonstrate that the candidate can perform the position's essential job functions.
 - Acceptance of education and experience in place of required qualifications is at the sole discretion of the General Manager. It is not guaranteed or appealable.

7.2. Exceptions to Required Qualifications:

- This job description does not constitute an employment agreement between the employer and employee and is subject to change by the employer as the needs of the employer and requirements of the job change.