



FIRE ENGINEER Job Specifications

DIVISION:	Operation
FLSA STATUS:	Non-Exempt (Sworn Safety)
REPORTS TO:	On-duty Fire Captain
SUPERVISION:	Receives supervision from a Fire Captain and exercises supervision as a company officer in the absence of a Fire Captain.
LOCATION:	Assigned Fire Station
HOURS:	The position generally works a 56-hour work week. This position may be required to work a 40 hour work week in a staff position and may be forced to work overtime as the need arises.

GENERAL SUMMARY

Under supervision, performs skilled and technical fire suppression and prevention activities. Must be prepared to act up to the next rank as needed and performs other related duties as required.

DISTINGUISHING CHARACTERISTICS

Firefighter Engineer is the technical working level class in the fire service. Assigned to either the Fire Operations or Training Division, and or the Investigative Services Unit. The incumbents may drive and operate fire apparatus; conduct fire prevention inspections; test fire equipment; and conduct fire investigations. This class differs from Fire Captain in that incumbents of the latter have full supervisory responsibility for a fire company on a continuing basis. It differs from Firefighter in that incumbents of the latter perform journey level firefighting duties in the protection of life and property.

ESSENTIAL DUTIES

(May include, but are not limited to, the following:)

Drives fire apparatus to fire incidents and emergency calls; prepares for pumping operations and pumps water to fire at proper pressure; operates aerial trucks and all devices therein.

Inspects pumping and other equipment to ensure that apparatus is in good working condition and notifies Fire Captain of any defects; inspects, cleans, and maintains equipment.

Assists in keeping fire station in a clean and orderly condition; maintains an accurate running log of out-of-service streets and hydrants in the DISTRICT.

Performs fire suppression tasks/responsibilities required during fire suppression, salvage, and overhaul.

Conducts fire prevention inspections of assigned occupancies and tests fire protection equipment; detects hazardous conditions or violations of fire and building ordinances and laws; issues citations and warnings for violations; may conduct training of civilian and Fire personnel in applicable fire code regulations, fire inspection methods and procedures, and fire safety.

Investigates cause and origin of fires, seeking evidence of arson or of fire code violations; prepares follow-up correction notices and letters pertaining to initial inspections; Performs related duties as required.

CORE VALUES

Integrity, Respect, Trust, Commitment, Community Compassion, Professionalism. The employee is one who seeks to be the best, is tolerant of the mistakes of others, is a team-player, treats all others with respect, does not make excuses for his or her own mistakes, and abides by the rules, regulations, policies, and laws which govern our behavior and performance.

PHYSICAL REQUIREMENTS

The physical requirements described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Must continue to be able to meet pre-appointment and subsequent periodic medical examinations to determine fitness for continued performance of the duties of the position.

Must maintain physical capabilities, requirements, duties and responsibilities of all subordinates.

Must be able to participate in District mandated Physical Fitness Program.

SAFETY COMPLIANCE

Safety is an integral part of our business and the responsibility for safety extends to every employee. Your responsibility toward safety at the workplace includes, but is not limited to:

Proactive involvement in the District's Safety Program, including compliance with all rules and regulations.

Use safe work practices while performing all duties.

WORK ENVIRONMENT

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

The position functions both indoors in a controlled office environment and outdoors with exposure to inclement weather.

This position is designated as mission essential during inclement weather, fire, hazardous duty and other emergency operations.

The noise level in the work environment can be excessive and may result in hearing loss and impairment.

Work hours can be irregular, unpredictable and lengthy.

Local travel is required.

Participate in occasional travel for the purpose of obtaining specialized training and other fire and emergency services duties.

MINIMUM QUALIFICATIONS

Education and/or Experience:

College degree in a related field. Additionally, applicants must have: High School/GED.

AND

Currently serving as a Probationary or Permanent appointment as a Firefighter with the DISTRICT.

Certificates:

Incident Command System 100, 200, 700; California State Fire Marshal Driver Operator IA.

Applicants applying after January 1, 2020 must be signed off as a qualified Acting Engineer in accordance with the Administrative Manual Section 101.003 Acting Policy.

Knowledge of:

Operation and maintenance of modern firefighting apparatus and equipment.

Fire inspection and investigation methods and techniques.

Codes and ordinances pertaining to fire prevention.

Fire alarm systems and fire related water delivery systems.

First aid methods and skill in their application.

Geography of the DISTRICT.

Ability to:

React quickly and calmly in emergencies.

Operate firefighting apparatus and equipment.

Maintain effective working relationships with fellow employees and the public.

Write and speak clearly and distinctly.

Successfully complete a probationary period as defined in the District's Administrative Manual;

Probationary Employees: All probationary employees must be evaluated by their supervisor during probation. All 56-hour employees shall complete 2,912 regular time hours of evaluation, complete twelve (12) written probationary evaluation, and successfully complete NCFPD Fire Engineer task book while on probation.

Conditions of Employment:

This position requires the ability to read, write, speak and understand the English language at a level adequate to perform the job.

Must be able to obtain and maintain a current, valid State of California motor vehicle operator license, and firefighter endorsement.

May be required to pass a pre-employment drug screening and/or subsequent screening over the course of employment.

Must remain clean-shaven to insure integrity of mask fit for breathing apparatus.

Must be willing to work 40-hour workweek or 24-hour rotating shifts on a 56-hour workweek.

This position requires that the individual pass a live scan background.

This position requires the individual to wear a Fire District uniform.

This position requires the individual to successfully complete an annual job performance evaluation.

Must possess and maintain a current Emergency Medical Technician (EMT) certification issued by the State of California through the Central California EMS Agency (CCEMSA) throughout this job classification.

Must possess and maintain a current Cardio-Pulmonary Resuscitation (CPR) card - American Heart Association, Healthcare Provider or Red Cross-Professional Rescuer or equivalent that meets American Heart Association Standards.

NOTE: The Fire Chief reserves the right to alter the minimum qualifications (MQs) if it becomes necessary to attain a reasonable applicant pool.

Special Requirements:

Must obtain the following certificate(s) within 6 months of appointment to the position;

- California State Fire Marshal Driver Operator IB.

Must obtain the following certificate(s) within 1 year of appointment to the position;

- California State Fire Marshal Driver Operator I or Fire Apparatus Pump.
- California State Fire Marshal Water Tender Operator.
- California State Fire Marshal Aerial Apparatus Operations

Employees will not smoke, vape (electronic cigarette or similar device), or use any tobacco product while on-duty or representing the District. Employees shall sign an agreement acknowledging that they have read and understood these requirements. Said understanding will be maintained in the employee's personnel file and/or the District's software database.

NOTE: Probationary employees are At-Will employees until which time they become permanent. Permanent appointment means one who has been appointed from an eligible list and has satisfactorily completed the probationary requirements and possess all Minimum Qualifications described above.

ACKNOWLEDGEMENT

I have read and understand and agree to the responsibilities and requirements of the job. I further understand that the duties and responsibilities herein describe the general nature of the job and are subject to change or modification with or without notice by the District as the needs of the District requirements of the job change. My supervisor may add, delete, assign, transfer or alter duties as necessary or deemed appropriate.

Employee Name: _____ Signature _____ Date _____

Supervisor Name: _____ Signature _____ Date _____

APPROVED:  _____ DATE: 01-12-2022
FIRE CHIEF

Original TVH:aaf 10/01/18
Revised TVH:aaf 08/13/19
Revised TVH aaf 04/09/20
Revised TVH:aaf 10/07/20
Revised TVH:aaf 07/15/21
Revised TVH aaf 01/12/22