



Kenwood Fire Protection District Job Description for Fire Engineer

Salary
Monthly \$5,380.21 - \$6,539.68

Application Period May 24 2022 – July 5 2022

**Applications available at: kenwoodfire.com or Kenwood Fire District, 9045 Sonoma Hwy.
Kenwood, CA, 707-833-2042**

DEFINITION

The fundamental reason for the existence of this classification is to perform supervisory and technical duties in the areas of fire suppression, emergency medical care, emergency rescue, hazardous materials incidents, fire investigation, fire inspection, fire personnel training, and public education.

DISTINGUISHING CHARACTERISTICS

This is a first-line supervisory, public safety classification for the Kenwood Fire Protection District. Incumbents are expected to exercise a high degree of judgment and initiative while making critical fire and life safety-related decisions under high pressure, adverse conditions, and are responsible for directing both emergency and non-emergency activities of a fire company.

SUPERVISION RECEIVED AND EXERCISED

Immediate supervision is provided by the Fire Captain. General supervision may be provided by other management personnel of the Fire District. Engineers may be required to indirectly supervise the performance of newly assigned personnel.

EXAMPLES OF DUTIES

Essential Duties:

The following duties are considered essential for this job classification:

- Drive and operate all fire apparatus and equipment;
- Operate engine pumping equipment to ensure proper water flow;
- Operate a variety of tools and equipment related to fire suppression, rescue and hazardous materials emergency activities;

- Inspect and perform routine maintenance on rescue equipment, fire apparatus, hydrants, hoses and other support equipment;
- Respond to medical emergency calls as part of an engine or truck company and administer medical care;
- Participate in specialized rescue operations such as aerial and confined space situations, including the use of rigging and shoring;
- Serve as a hose operator in firefighting situations including laying hose lines, pulling working lines, holding the nozzle to direct the stream of water on the fire, placing, raising, lowering and climbing ladders and assisting in overhaul and salvage operations;
- Participate in continuous training in fire suppression, prevention and inspection through both simulated and on-the-job exercises;
- Prepare and instruct training classes;
- Inspect commercial, residential and other occupancies for fire hazards and compliance with fire prevention codes and ordinances;
- Conduct fire prevention inspection and education programs;
- Operate communication equipment.

Additional Duties:

In addition to the duties listed in the Essential Duties section, each employee in this classification may perform the following duties. Any single position may not be assigned all duties listed below, nor do the examples cover all duties which may be assigned.

- Perform a wide variety of general staff work as assigned;
- Assist in coordinating the maintenance and repair of fire suppression equipment and facilities such as apparatus, support equipment and fire stations;
- Obtain and otherwise preserve evidence at an emergency scene;
- Participate in district meetings and volunteer drills as assigned;
- Observe and report violations of laws and ordinances;
- Conduct safety meetings;
- Coordinate activities with those of other fire companies;
- Inspect personnel to ensure compliance with district standards concerning uniforms, emergency gear, tools and equipment, grooming, and other related items;
- Receive and process reports from the public;
- And perform related duties as assigned.

- Prepare reports with respect to work operations;
- Maintain and update District maps, run cards, inventories and equipment records;
- Receive and process reports from citizens;
- Observe and report violations of laws and ordinances;
- Clean and maintain station quarters;
- Serve as Acting Fire Captain;
- Functionally supervise projects;

QUALIFICATIONS

Knowledge of: The operating and mechanical principles of fire apparatus and equipment; field calculations of hydraulics for the proper and effective operations of equipment; operation of firefighting equipment; the physical layout of the District including street location, water distribution system and major traffic and fire hazards; rules, regulations and operational procedures of the Fire District; firefighting methods and techniques; basic life support medical procedures; hazardous material first responder operational level methods and techniques.

Ability to: Drive and operate effectively and safely the full range of fire apparatus and equipment used by the District; remain calm, think clearly, make sound decisions and act quickly in emergency situations; work effectively as a member of a team; understand and follow oral and written directions promptly and accurately; communicate orally effectively to individuals or in a group setting; demonstrate a high degree of mechanical aptitude; learn through structured lectures in a classroom setting and through oral instruction in an on-the-job setting; comprehend and make inferences from written material; operate and enter data into a computer terminal, personal computer or keyboard device; produce written documents using proper grammar and punctuation; deal courteously and effectively with the public; establish and maintain cooperative relationships with those contacted in the course of work; instruct in a classroom setting.

Experience and Education: Any combination equivalent to experience and education that could likely provide the required abilities would be qualifying. A typical way to obtain the abilities would be:

Experience - Three years' experience, with a fire department or district, responding to calls for all risks including structure fires, wildland fires, medical aid, and urban search and rescue.

Education - Equivalent to completion of the twelfth grade, and completion of California State Fire Marshal approved Driver/Operator 1A and 1B courses.

LICENSE OR CERTIFICATE

A valid California Class C with a Firefighter Endorsement or higher level motor vehicle operator's license and a current Health Questionnaire (DL 546).

Current Emergency Medical Technician - 1 (EMT-1) certification, and current Cardio-Pulmonary Resuscitation certification are required and must be maintained throughout employment.

California State Fire Marshal approved Driver/Operator 1A and 1B courses.

California State Fire Marshal Firefighter 1 or a Department Hosted Fire Academy

WORKING CONDITIONS

Incumbents in this classification have a 56-hour per week work schedule, including some holidays, and may be required to work overtime with little or no notice. Due to the varied and unpredictable nature of the work, incumbents may also be required to work under the following conditions:

During a shift, Fire Engineers must function effectively when directing the work of others in emergency situations. While performing many emergency-related duties, a Fire Engineer is required to lift, carry and/or drag objects such as a hose line or smoke ejector weighing up to 80 pounds, wear special protective clothing weighing up to 100 pounds, and wear a self-contained breathing apparatus weighing up to 80 pounds for short or long distances and often in combination. While performing emergency aid, a Fire Engineer may lift and carry victims weighing up to 160 pounds, which requires use of the stomach and lower back muscles to support the body. Incumbents are exposed to a variety of weather conditions and are required to tolerate very hot and very cold temperatures. When responding to emergencies, incumbents also are exposed to other elements, including smoke, heat, flames, hazardous chemicals, and blood and other bodily fluids. In these situations, they must be able to observe or monitor people or objects to ensure compliance with safety standards; stand, sit or walk for extended periods of time, unable to rest at will; use explosive strength, as in sprinting or jumping; walk over rough, uneven or rocky surfaces; use arms above shoulder level; bend or stoop repeatedly or continually over time; and use common hand tools, such as hammers, saws and screw drivers. Incumbents are required to have the ability to hear a variety of warning devices and alarms, gas leaks, and/or calls for help. Some rescue duties require the operation of mechanical rescue equipment and the monitoring of proper safety techniques in the use of such equipment. The tools used by a Fire Engineer require precise arm-hand positioning and movements, such as when operating a chain saw or using emergency medical rescue equipment. The operation of firefighting equipment often requires the coordinated movement of more than one limb simultaneously. Emergency situations may require incumbents to work in small, cramped crawl spaces, areas where vision is limited, and/or at heights, including on roof tops and/or ladders. A Fire Engineer must be able to distinguish among colors, including colors of smoke and flame, color coded equipment, hazardous materials identification placards, and wires, in order to identify or respond to potentially dangerous situations.

In daily activities at a station assignment, incumbents operate office equipment requiring repetitive arm/hand movements, as when they enter data into a terminal, personal computer or keyboard device. In order to keep abreast of developments in their field, incumbents must be able to learn in a classroom setting, and through observation and oral instruction in an on-the-job training setting. In both emergency and non-emergency situations, while performing supervisory responsibilities, incumbents review or check the work product of others.

Incumbents may be assigned to the hazardous materials incidents, and, when so assigned, are required to work with heavy tools, and perform gross decontamination procedures of emergency personnel and the general public.

TEST INFORMATION

Application Period – Opens May 24, 2022; closes July 5, 2022 at 5:00 p.m.

Written Exam – TBD

Assessment Center – TBD

SELECTION PROCESS

Applications must be complete and demonstrate that the applicant meets the minimum qualifications. All statements made on the application are subject to investigation and verification.

Successful candidates shall be placed on a list for future hires and required to:

Pass a written exam

Pass an Assessment Center and Interview process

Pass a thorough background investigation

Pass a pre-employment medical exam, including drug screen.

Successful completion of an 18-month probationary period upon date of hire.

DISCLAIMERS:

There shall be no discrimination of any kind because of race, creed, color, national origin, gender, ancestry, political or religious opinion or activities, sexual orientation or marital status, medical condition or disability (as defined in state and federal law) except where physical strength, ability and agility are bona fide occupational qualifications; activities as described in the Meyers-Milias-Brown Act, and, to the extent prohibited by State and Federal law, A.D.A, age (over 40); provided, however, nothing herein shall be deemed to authorize the conduct of political, religious or activities on Employer time or with Employer equipment or Employer supplies.

BENEFITS

The Kenwood Fire Protection District provides a benefits package including vacation, sick leave, duty uniforms, holiday pay, health insurance, dental insurance, CalPERS retirement.

Established: May 23, 2022

Approved

Daren Bellach, Fire Chief