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## **FIRE ENGINEER**

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### **DEFINITION**

Under general supervision, protects public safety, health and welfare by responding to fire and emergency medical calls for service by driving fire vehicles; maintains equipment and facilities.

### **SUPERVISION EXERCISED**

None.

### **EXAMPLES OF ESSENTIAL DUTIES**

Duties may include but are not limited to:

Drive fire vehicles in responding to fire calls for service, lay hose lines, direct water stream, set up ladders.

Perform rescue, clean up and salvage work; ventilate buildings.

Operate pumping engine; compute and regulate water pressure.

Drive fire vehicles in responding to emergency medical calls for service, follow State and local protocols in treatment of sick and injured persons administering First Aid, CPR and other emergency medical procedures.

Maintain inventory of emergency medical supplies and equipment.

Maintain fire facilities, equipment and apparatus assuring pristine condition.

Inspect fire apparatus on scheduled basis.

Perform minor maintenance on equipment and tools.

May be called in on 2<sup>nd</sup> alarm fires when off duty.

Assist and cooperate with other public safety agencies.

Perform related duties as assigned.

## **KNOWLEDGE, ABILITIES AND SKILLS**

Knowledge of:

Federal, State, and local laws and radio communications procedures.

City's geography, water systems, location of hydrants and those of the surrounding area.

Public safety agencies as related to fire and emergency medical services functions.

Basic hydraulics.

Design, operation and maintenance of fire engines, pumps, pumping components.

Fire prevention and inspection methods, fire hazards and educational fire prevention techniques and programs.

Ability and Skill to:

Read and understand technical material, rules and regulations related to firefighting, rescue techniques and emergency medical incidents.

Analyze emergency situations and address with an effective course of action.

Tactfully interact with members of the public.

Safely operate and use fire vehicles and equipment.

Communicate clearly both orally and in writing.

## **QUALIFICATIONS**

Any combination of education and experience that would provide the required knowledge, abilities and skills is qualifying. A typical way to obtain the qualifications would be:

High School diploma and equivalent to two (2) years firefighting experience. Completion of the following programs: Driver/Operator 1A and 1B, ICS 100 and 200. Possession of Fire Hydraulics certificate or equivalent.

**LICENSE OR CERTIFICATE**

Valid Class A, B or Firefighter's Class B California Driver's License with firefighter endorsement and good driving record. Possession of a current EMT-1 in San Bernardino County and a current CPR certification. Possession of a current California State Firefighter 1 certification.

**ESSENTIAL JOB FUNCTIONS/A.D.A.**

Essential job functions and A.D.A. requirements include:

Ability to operate computer, calculator, telephone, portable radio, copying machine and equipment used in fire suppression and emergency medical services.

Ability to understand and respond to the public's and staff's requests for assistance both on the phone and in person.

Ability to prepare reports, perform mathematical calculations and sort/file documents.

Ability to sit, stand, walk for two hours at a time and engage in fire suppression activities.

Ability to work outdoors in all weather conditions including hot with extreme sun exposure, cold and wet.

Ability to lift, drag or pull up to 150 pounds.

Ability to climb, stoop, bend, reach, twist, squat, grasp, run, jump, kneel and lift, drag and pull heavy objects.

Ability to get from one location to another in the course of doing business.