

FIRE ENGINEER

DEFINITION

To drive and maintain specialized fire and emergency equipment and response vehicles; to perform technical Firefighter duties including to respond to and assist with fire suppression, prevention, rescue, emergency medical assistance and other emergencies; and to provide highly responsible technical support to assigned supervisor.

DISTINGUISHING CHARACTERISTICS

This is the advanced journey level in the technical Firefighter/Fire Engineer series. Positions at this level are distinguished from other classes within the series by the level of responsibility assumed, complexity of duties assigned, independence of action taken, and by the amount of time spent performing the duties. Employees perform the most difficult and responsible types of duties assigned to classes within this series, including driving and operating specialized fire and emergency response vehicles and equipment. Employees at this level are required to be fully trained in all procedures related to assigned areas of responsibility.

SUPERVISION RECEIVED AND EXERCISED

Receives direction from an assigned supervisor.

EXAMPLES OF ESSENTIAL DUTIES - Duties may include, but are not limited to, the following:

Respond immediately to emergency and non-emergency calls when dispatched; perform fire suppression, and prevention activities including to drive and operate fire apparatus, vehicles and equipment.

Respond to rescue calls as part of an engine company; operate engine pumping equipment; serve as a hose operator.

Respond to medical emergency calls as part of an engine or truck company; administer first aid medical care; assist paramedics.

Respond to and perform rescue operations including rope rescue, water rescue and vehicle extrication.

Operate a variety of apparatus, power and hand tools, medical equipment and equipment related to fire suppression, communications, rescue and other emergency activities including the handling of hazardous materials.

Inspect, troubleshoot and perform routine maintenance and repair on rescue equipment, fire apparatus, and related support equipment; assist in the maintenance of clean and orderly conditions in and about the fire house.

Build and maintain positive working relationships with co-workers, other City employees and the public using principles of good customer service.

Foster an environment that embraces diversity, integrity, trust, and respect.

Be an integral team player, which involves flexibility, cooperation, and communication.

Perform related duties as assigned.

### MINIMUM QUALIFICATIONS

#### Knowledge of:

Principles and practices of emergency response, fire suppression, and prevention including driving specialized vehicles in emergency situations.

Principles and practices of technical rescue techniques, including rope rescue, water rescue and vehicle extrication.

Methods and procedures of emergency medical and life support skills.

Methods and procedures of the operation, maintenance and mechanics of a variety of power and hand tools, medical and communications equipment, fire pumps, hydrants, and other firefighting equipment.

Geography of the local area including the location of hydrants, mains and major traffic and fire hazards.

Relevant local, State, and Federal laws, rules and regulations related to area of assignment.

#### Ability to:

Perform the most complex duties related to fire prevention, suppression, emergency response activities; drive specialized fire and emergency response vehicles; respond to and perform rescue operations and provide medical assistance.

On a continuous basis, know and understand specialized fire and emergency equipment and response vehicles and observe safety rules; intermittently, analyze problem equipment; identify safety hazards; locate and operate equipment; interpret fire safety issues; and remember how to operate equipment.

Intermittently, sit while driving a piece of equipment; stand and walk while performing fire suppression activities; bend and twist to adjust equipment; kneel and squat to perform work; climb ladders; climb up on to fire equipment to begin operations; perform simple and power grasping, pushing, pulling, and fine manipulation; and lift or carry weight of 50 pounds or less.

Apply fire prevention, suppression and emergency response protocols, rules, regulations policies and procedures of the Fire Department in a variety of situations requiring quick thinking and action.

Inspect, troubleshoot, maintain and repair a variety of apparatus and equipment related to fire services.

Successfully complete the required physical examination prior to hire.

Use, maintain and understand the operating and mechanical principles of the full range of apparatus, tools and equipment related to fire suppression, rescue and hazardous materials emergency activities.

Use sound judgment in recognizing scope of authority.

Operate and use modern office equipment including computers and applicable software.

Maintain regular attendance and adhere to prescribed work schedule to conduct job responsibilities.

Utilize appropriate safety procedures and practices for assigned duties.

Establish and maintain effective working relationships with those contacted in the course of work.

Work with various cultural and ethnic groups in a tactful and effective manner.

Communicate clearly and concisely, both orally and in writing.

### Experience and Training

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

#### Experience:

Two years of responsible advanced journey level experience similar to a Fire Engineer with the City of Healdsburg.

Training:

Equivalent to the completion of the twelfth grade.

License and Certificate

Failure to obtain or maintain such required license(s) may be cause for disciplinary action.

Possession of a valid California Class B Driver License with tank and air brakes endorsement, or valid California Class C Driver License with Fire Fighter endorsements, is required at the time of appointment.

Possession of a Firefighter I certificate issued by the California State Fire Marshal or have successfully completed a California State Fire Marshal approved Firefighter I Academy.

Possession of, or ability to obtain and maintain, Emergency Medical Technician (EMT) certificate through the California EMT Central Registry.