



FIRE ENGINEER

DEFINITION

To Operate and maintain fire apparatus, fire fighting, and rescue equipment and hazardous material equipment to respond to fire alarms, medical emergencies, and other activities in the protection of life and property and to participate in fire prevention activities.

SUPERVISION RECEIVED AND EXERCISED

General supervision is provided by a Fire Captain. Responsibilities may include supervision of personnel at emergencies.

EXAMPLES OF DUTIES

The following are typical illustrations of duties encompassed by the job class, not an all-inclusive or limiting list:

ESSENTIAL JOB FUNCTIONS

Respond to fire alarms with assigned company; lay and connect hose lines; maintain pumping apparatus; hold nozzles and direct water streams; raise and climb ladders. Drive and operate fire apparatus and equipment effectively in a safe manner; operate pumps to supply water or foam under pressure to hose lines or appliances from tanks, hydrants, develop water supplies by draft; maintain fire apparatus and other emergency vehicles; inspect equipment, perform lubrication, make minor adjustments and repairs, and maintain fuel and oil supply. Provide basic life support during medical incidents, assessing and initiating patient care until relieved by proper medical personnel. Operate all types of portable fire extinguishers, pike poles, hand lines, smoke ejectors, salvage covers, forcible entry tools, aerial ladder equipment, emergency medical equipment and other rescue equipment. Participate in fire drills; serve as instructor as assigned; attend training sessions. Maintain regular and consistent attendance. Work cooperatively with others. Promote and maintain safety in the workplace.

OTHER JOB FUNCTIONS

Respond to hazardous materials incidents. Participate in fire inspection activities and other fire prevention and public education activities as assigned; ensure that businesses are operating in compliance with the fire code; maintain appropriate records and files. Participate in the Fire Prevention Program providing various public relations services, including facility tours, public education seminars and other public events. Respond to inquiries from the public. Assist in investigating fire origin and cause. Participate as member of the County HazMat Team. Prepare reports with respect to equipment maintenance and work operations. Instruct fire personnel in the operation and maintenance of fire equipment. Perform collateral assignments as requested. May be requested to respond to fire calls during non-duty hours. Maintain fire hydrants and fire hoses. Serve as Acting Fire Captain when certified. Perform related duties as assigned. Assist in overhaul and salvage operations. Operate radio-telephone equipment, power equipment and hand tools. Clean

station quarters and equipment and maintain a clean and orderly condition in and about the fire house; perform minor building maintenance.

QUALIFICATIONS

Knowledge of:

Local geography, types of building construction, major fire hazards, water supply, street system, the physical layout of the City and the location of fire hydrants. Fire fighting methods, techniques, strategies and procedures; operating and mechanical principles involved in the operation of fire apparatus and equipment. Water systems, driving laws, and fire hydraulics. Dangers and disposition of hazardous materials. Fire behavior and fire investigation techniques. Emergency medical technician skills including basic life support, CPR, defibrillation, and blood borne pathogens. Fire prevention codes and ordinances; building construction. Rules, regulations and operational procedures of the Woodland Fire Department.

Skill to:

Retain presence of mind in emergencies; analyze fire and emergency situations, adopt effective courses of action, and report to Officer.

Understand and follow both oral and written instructions quickly and correctly. Maintain fire equipment and apparatus; perform field calculations in hydraulics for proper and safe operations at emergency scenes. Write clear, concise and accurate reports; maintain records. Deal courteously and effectively with the general public. Efficiently operate a personal computer.

Ability to:

Tactfully and effectively interact with all people regardless of race, ethnicity, sex, age or economic status. Act calmly and quickly in emergency situations and make effective decisions in such cases. Perform heavy lifting and physical maneuvering. Meet the physical requirements necessary to safely and effectively perform the assigned duties.

Minimum Education and Experience:

Education:

High school diploma or equivalent. Completion of college level coursework in Fire Science is desirable.

Experience:

Two years of fire fighting experience in a governmental fire department providing services similar to those provided by the City of Woodland Fire Department. City of Woodland fire fighting experience is desirable. Successful completion of the City of Woodland Fire Department Fire Engineer Certification Program may substitute for up to one year of experience.

License or Certificate:

Possession of a valid California Driver's License with a Firefighter endorsement; possession of an Emergency Medical Technician I Certificate (EMT – D); possession of a valid CPR card; successful completion of the City of Woodland Fire Department Fire Engineer Certification Program is required to complete probation.