



## **City of Greenfield**

### **Fire Engineer**

Salary: \$49,977.20 - \$64,394.53

#### **Position Description**

Under direct supervision, responds to both emergency and non-emergency calls for service including fire, rescue, medical, and/or hazardous materials emergencies; operates and maintains a variety of fire apparatus and equipment; participates in both emergency and non-emergency activities, fire prevention activities, public education programs, training, and water distribution system testing and maintenance; performs (minor) mechanical maintenance and repair of vehicles, equipment and department facilities; performs other related duties as assigned.

#### **Class Characteristics**

This sworn safety class performs non-supervisory assignments typical of a municipal fire department. While incumbents are normally assigned to a specific fire station and work shift, incumbents may be required to work other shift schedules and/or at multiple stations as assigned to meet the operational and/or administrative needs of the Department.

#### **Examples of Duties**

Duties may include, but are not limited to:

- Ensuring operational readiness of assigned apparatus and equipment
- Driving and operating all types of fire apparatus and emergency/non-emergency vehicles as assigned
- Responding to emergency and non-emergency requests for assistance to protect life, property, and the environment in accordance with departmental policies and procedures
- Safely deploying and using fire suppression equipment including fire hoses, nozzles, ladders, self-contained breathing apparatus, etc.

- Safely operating power and hand tools and equipment
- Assisting in all phases of emergency operations as directed
- Inspecting Department apparatus, vehicles, and associated equipment, including aerial and pumping apparatus; performing maintenance and minor repairs on fire apparatus and associated equipment; identifying and assisting with repair and maintenance of fire vehicles and equipment; maintaining fire apparatus, vehicle, and equipment records
- Assisting with inspection of commercial, industrial and specified residential facilities in accordance with state and local fire and life safety codes and regulations
- Conducting self-training to maintain required knowledge and skills
- Participating in departmental training
- Attending special schools, conferences and/or seminars as required or assigned
- Acting as Firefighter or Fire Captain as qualified and assigned
- Conducting or participating in presentations to local organizations and groups
- Performing routine maintenance of equipment, tools, vehicles and fire facilities
- Promoting and maintaining a safe workplace
- Performing related duties as assigned.

### **Qualifications**

Education: Equivalent to graduation from high school; some college level course work in Fire Technology or related fields is desirable. If an external candidate, completion of a California Office of the State Fire Marshal-accredited Fire Academy.

Experience: Three years of full-time firefighting experience in a municipal fire department or special district providing fire protection services.

### **Knowledge and Abilities:**

Knowledge of:

- Operation, safe use, and maintenance of fire department apparatus, equipment, water systems, and pre-hospital emergency medical equipment

- Driving laws, first aid, Cardio-Pulmonary Resuscitation (CPR), automatic external defibrillator (AED), fire protection systems, and fire suppression and emergency medical care procedures
- Modern technical firefighting principles and techniques
- Federal, State and local laws and regulations governing fire prevention and life safety
- Geographic layout of City streets, hydrants and other local public safety land marks
- Fire chemistry and hazardous materials including flammable liquids, explosives, gases, toxic and radioactive materials, general mathematics, and elementary physics
- Research techniques and report writing.

Ability to:

- Perform all Fire Fighter duties
- Exercise common sense and practical judgment to learn and perform technical fire suppression, prevention and related duties within a structured group work setting
- Learn Federal, State and local laws and regulations governing fire and life safety and basic medical emergency field treatments
- Learn the correct use of equipment and apparatus used in the performance of assigned duties
- Drive fire apparatus and other Department vehicles with care and safety in accordance with applicable traffic laws, ordinances, and relevant City and Department policies and procedures
- Learn, understand, and apply the principles of hydraulics as they relate to fire department operations
- Learn and apply the City's water system, streets and emergency response routes
- Learn and perform accurate recordkeeping and report writing
- Understand and follow oral and written instructions
- Establish and maintain effective working relationships with co-workers, other City staff, outside agencies/organizations, and the general public

- Promote the mission, values and performance standards of the department, with focus toward providing high quality public service.

**Certification(s), Examination(s), and/or License(s) Required:**

- Possession of a valid California Class C, Class B, or Class A Driver License with a Firefighter Endorsement and satisfactory driving record
- Possession and maintenance of either (1) a current Emergency Medical Technician certification, or (2) an Emergency Medical Technician–Paramedic license as a condition of continued employment
- Proof of Completion of California State Board of Fire Services Firefighter I, Firefighter II, and Fire Apparatus Driver Operator 1A and 1B at time of application; **Candidate must complete the requirements for California State Board of Fire Services Driver/Operator Pump Apparatus Certification within fifteen (15) months of appointment date**
- If an external candidate, possession of a recognized Candidate Physical Agility Testing (CPAT) Certificate dated not more than 120 days prior to the closing date of application for this position classification
- If an external candidate, satisfactory completion of a pre-employment background investigation
- If an external candidate, satisfactory completion of a pre-employment medical examination.

**Working Conditions:**

Required to wear protective clothing and equipment, carry tools, and wear self-contained respiratory equipment often with an aggregate combined weight of 100 pounds or more while performing emergency tasks; work in environments from very cold to very hot, and also potentially very wet; respond immediately to alarms from a standstill or sleep; lifting and carrying heavy equipment and/or persons; perform work on ladders, roofs, below grade, in confined spaces, on uneven ground, and conditions with limited vision.

Must be willing to work evening, night, weekend and holiday shifts, pass a detailed background investigation and pre-employment medical examination, and work in potentially dangerous and life-threatening situations.