

**City of San Rafael  
Job Class Specification**

## **Job Title: Fire Engineer**

### **SUMMARY**

Operates and maintains fire apparatus and related equipment. May be assigned to engine companies, truck companies or support equipment.

**ESSENTIAL DUTIES AND RESPONSIBILITIES** include the following. This list is meant to be representative, not exhaustive. Some incumbents may not perform all the duties listed while in other cases related duties may also be assigned.

- Performs, as firefighters, fire fighting and emergency response (rendering first aid) duties.
- Operates and performs routine checks and minor maintenance on fire apparatus.
- Uses driving skills to operated fire apparatus under normal traffic conditions, as well as responds to emergency incidents.
- Operates and performs routing checks and minor maintenance on a variety of small power tools.
- Performs other related duties of a fire service nature as part of the Fire Station team.
- Performs related duties as required.

### **KNOWLEDGE OF:**

- Essentials of fire fighting.
- Fire apparatus and equipment.
- Hydraulics and pump operation.
- Supervisory and Company operations.
- Water supplies and fire stream practices.
- Emergency vehicle operation and emergency medical services.
- San Rafael Fire Department policy and procedure.
- Community Fire Service activity.
- CA traffic laws and regulations.
- Driving rules and operational procedures of San Rafael Fire Department.

### **ABILITY TO:**

- Drive a Fire Engine.
- Perform related maintenance mechanic duties.
- Maintain effective working relationships with others.
- Follow chain of command.
- Communicate effectively verbally and in writing.
- Supervise others.

### **EDUCATION and/or EXPERIENCE:**

Any combination of education and experience that demonstrates possession of the requisite knowledges, skill and abilities. A typical way to obtain these would be:

High school diploma or equivalent. At least 18 months of experience with the City of San Rafael Fire Department.

Valid California Driver License with necessary endorsements to drive fire apparatus in compliance with the California Vehicle Code.

Current San Rafael Fire Department Engineer Certificate.

**PHYSICAL DEMANDS:**

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly required to stand; walk; sit; use hands to finger, handle, or feel; reach with hands and arms; climb or balance; stoop, kneel, crouch, or crawl; talk or hear; and smell. The employee must frequently lift and/or move up to 100 pounds and occasionally lift and/or move more than 100 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.

**WORK ENVIRONMENT:**

The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee is regularly exposed to outside weather conditions and regularly works in evenings or on weekends. The employee frequently works in indoor conditions. The employee occasionally works near video display. The noise level in the work environment is usually moderate.

Prepared by: Nash & Co.  
Prepared Date: February 2002