

**City of San Rafael
Job Class Specification**

Job Title: Fire Mechanic

SUMMARY

Repairs and maintains fire apparatus at a high standard of function and operational reliability.

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.

- Maintains and repairs gas and diesel powered fire apparatus.
- Maintains and repairs utility cars and trucks.
- Diagnoses valves, hydraulic cylinders and swivels.
- Diagnoses, repairs and overhauls manual and automatic transmissions.
- Diagnoses and repairs differentials, air and hydraulic brakes, hydraulic systems, clutch systems; and related components.
- Diagnoses and repairs steering, electrical and radio systems.
- Inspects fire apparatus to meet acceptable state requirements.
- Tests and repairs a variety of non-vehicular equipment including hoses, nozzles, generators, pumps electrical cords and headsets.
- Repairs, maintains and upgrades SCBAs and maintains records.
- Fabricates parts and apparatus for special use.
- Responds to emergency calls, third alarms or when needed during off duty hours.
- Purchases fluids, parts and stock items.
- Coordinates vehicle and equipment schedules for maintenance.
- Makes road calls both while on and off duty in response to vehicle and equipment problems.
- Maintains vehicle and equipment maintenance repair records.
- Performs related duties as required.

KNOWLEDGE OF:

- California vehicle laws & codes.
- Fire equipment & apparatus operations and repair.
- Record keeping.
- Fire department regulations, polices, procedures and operations.
- Hydraulics, pump aerial ladders, & snorkels.
- Personal computers and related software.

ABILITY TO:

- Use hand, bench and machine tools and equipment.
- Design and fabricate equipment parts.
- Work from broken parts, blue prints and sketches in preparing or making new pieces of apparatus.
- Make cost estimates.
- Maintain records and write reports.
- Operate all fire apparatus.
- Provide own tools.

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 and at least five years journey level experience in heavy diesel and gasoline engines. SBFS Certified Fire Mechanic within one year of hire.

Smog, brake and lamp certification from the Sate of California is preferred.

Valid drivers license**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; and talk or hear. The employee frequently is required to reach with hands and arms and climb or balance. The employee is occasionally required to stoop, kneel, crouch, or crawl and taste or smell. The employee must regularly lift and/or move up to 10 pounds and occasionally lift and/or move up to 200 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 frequently exposed to outside weather conditions and frequently works in evenings or on weekends and indoor conditions and frequently works near video display.

Prepared by: Nash & Co.
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