

**City of Grass Valley
JOB DESCRIPTION**



FIRE ENGINEER

Department: Fire Department

FSLA Status: Non-exempt

Reports To: Captain, Battalion Chief or Fire Chief

Unit: 8 / Classified Full- Time

Adopted: May 13, 1997

Revised: March 27, 2014

SUMMARY OF JOB PURPOSE

The Fire Engineer is the first line company officer responsible for performing all regular and special duties to include initial incident management, personnel management and other duties as assigned. The Fire Engineer is responsible for maintaining all fire apparatus, fire and rescue equipment and other equipment related to the operation of the fire company. The Fire Engineer reports to the Shift Captain and performs all Engineer and Firefighting duties as required.

Applicants must pass a medical examination to verify the ability to physically perform all required duties.

SUPERVISION RECEIVED AND EXERCISED

The Engineer may be assigned as a supervisor of a fire company and under the provisions of a Joint Operations Agreement may be supervised by supervisors from other signatory agencies or may supervise employees of other signatory agencies. The Engineer may work under the direct supervisor of the Fire Captain, Battalion Chief or designated officer while performing all regular and special duties assigned.

ESSENTIAL FUNCTIONS (includes but is not limited to listed tasks)

1. Operates fire apparatus with safety and efficiency
2. Maintains readiness of fire apparatus and fire rescue equipment.
3. Assists in coordinating the maintenance and repairs of fire suppression equipment, facilities, support equipment and other items related to fire suppression and emergency services.
3. Performs minor maintenance on fire apparatus
4. Performs station maintenance
5. Washes hoses, test and maintains required records
6. Keeps all tools maintained in a condition for emergency operation
7. Maintains hydrants and keeps records
8. Performs public education and inspections as assigned
9. Insures all logs are current and in order
10. Inspects specialized equipment weekly or after use

QUALIFICATIONS

To perform this job successfully, a person must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required.

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JOB DESCRIPTION**



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Knowledge of:

1. Fire hydraulics
2. Incident Command System
3. Modern principles of strategic and tactical firefighting operations and processes
4. Rules, regulations and operational procedures of the City of Grass Valley and the Grass Valley Fire Department
5. Principles and practices of supervision and management of personnel
6. Principles and practices of modern hazardous materials response
7. Principles and practices of Emergency Medical Care and management
8. Principles of hydraulics and chemistry as applied to firefighting
9. Operation and basic maintenance of fire and rescue apparatus and equipment
10. Principles and practices of modern Fire Prevention, Public Education and Safety.
11. Modern office practices, methods and procedures

Skills In:

1. Modern all risk emergency incident operations.
2. Management practices
3. Inner personal relationship building
4. Team building
5. Cooperating with multiple agencies including State and Federal Fire Agencies, Law Enforcement and Emergency Medical Services Agencies

Ability to:

1. Supervise personnel and equipment under emergency conditions
2. Assess emergency incidents, set priorities, implement an action plan, and request needed resources following the best practices of the fire service while under potentially adverse and stressful conditions.
3. Supervise/lead personnel in fire ground operations
4. Supervise/lead personnel in Emergency Medical Services
5. Read maps, pre fire plans, and other related fire service documents

Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

EDUCATION AND EXPERIENCE

In order to participate in the testing process, candidates must have met the minimum qualifications by the final filing date of the examination, unless otherwise noted.

- Completed the 12th grade with Diploma or GED equivalent
- 3 years full time experience as a firefighter, 2 years with testing agency (probation included)
- California State Fire Marshal Diver Operator 1 A and 1 B
- California State Fire Marshal Command 1 A and 1B
- California Dept. of Motor Vehicles license appropriate for operating all fire apparatus

**City of Grass Valley
JOB DESCRIPTION**



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CERTIFICATES, LICENSES, REGISTRATIONS

Minimally the Engineer will possess:

- California State Firefighter 1 certificate or equivalent as recognized by the California State Fire Marshal.
- Must possess a current EMT and CPR certificate valid in California
- Must possess the appropriate firefighter driver's license from the California Department of Motor vehicles for operation of apparatus.
- Possess California State Fire Marshal Driver Operator 1 A and 1B Certification
- Possess California State Fire Marshal Command 1 A and 1B Certification

LANGUAGE SKILLS

Ability to read, write and communicate in English at a level required for successful job performance.

MATHEMATICAL SKILLS

Ability to use and understand basic mathematical concepts such as: adding, subtracting, multiplying, dividing, simple fractions and percentages.

REASONING ABILITY

Ability to apply common sense understanding to carry out instructions furnished in written, orally or in diagram form; analyze and resolve problems involving circumstances and or events using standardized methods or procedures.

PHYSICAL DEMANDS

Person must pass a medical examination to verify the ability to physically perform all required duties.

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.

The employee must be free from any physical, emotional or mental condition which might adversely affect the ability to perform essential job duties.

Must be able to perform manual tasks and have the ability to lift 100 pounds, also perform those physical activities required for the execution of essential functions, including but not limited to, regular sitting, walking, standing, performing repetitive motions with hands and wrists such as regular keyboarding.

The employee must be able to work in confined spaces for extended periods of time in all climate and weather conditions. Also, have the ability to perform normal communications, including in person, two-way radio or on the telephone.

WORKING ENVIRONMENT

May require exposure to physical hazards such as fumes, chemical and bodily fluids;

May require working in adverse environmental conditions such as inclement weather, extreme temperature, dust, noise, dim lighting, confined spaces and other conditions that may arise while performing essential functions;

**City of Grass Valley
JOB DESCRIPTION**



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May require the ability to wear an air supply / purifying respirator.

BACKGROUND

Candidates offered employment will be required to successfully pass a background investigation that may include psychological examination, polygraph examination and in depth background investigation.

GENERAL

The City reserves the right to revise or change classification duties and responsibilities as the need arises. This description does not constitute a written or implied contract of employment.

I have read and understand the contents of this job description, and I have received a copy of this job description for my records.

Print Name: _____

Signature: _____

Date: _____

This job description indicates in general the nature and levels of work, skills, abilities and other essential functions (as covered under the Americans with Disabilities Act) expected of the incumbent. It is not designed to cover or contain a comprehensive listing of activities, duties, or responsibilities required of the incumbent. Incumbent may be asked to perform other duties as required. The City of Grass Valley is an EQUAL OPPORTUNITY EMPLOYER.

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