



# MI-WUK/SUGAR PINE FIRE PROTECTION DISTRICT

*"Providing Quality Emergency Response And Fire Protection For The Public"*

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## JOB DESCRIPTION ENGINEER

Adopted: July 12, 2016

Supervised by: Captain, Chief Officers  
Supervises: None  
Leads: Firefighter

### GENERAL

The Engineer classification is a lead position. Incumbents must set a good example of efficiency, honesty, integrity, work ethic, and a leadership presence in the face of adversity and unexpected events. Engineers must maintain control of the facilities, equipment and personnel that they lead under a variety of circumstances. Engineers are responsible for understanding and applying District policies and procedures that relate to them and those they lead.

### DUTIES

1. When not directly supervised by a Captain, the Engineer is responsible for all actions and activities of the company to which he/she is assigned.
2. Care and maintenance of the fire station, including inspections, repairs, modifications, etc.
3. Drive and operate vehicles and equipment in response to and at the scene of emergency incidents as well as during routine operations.
4. Care, security and maintenance of District vehicles, including oil and other fluid changes, filter changes, lubrication, and minor repairs. Schedule major repairs with appropriate repair facility and/or repairman.
5. Assume command of incidents until relieved by a superior officer.
6. Be familiar with the district and first due response area of the station
7. Exercise good judgment in the performance of their duties, both at emergency incidents and during routine operations.
8. Train employees and volunteers.
9. Write and maintain various records including, Equipment Complements, Incident Reports, Training Records, Hose Testing & Repair Records, Ladder Testing and Repair Records.
10. Coordinate training with allied agencies to facilitate the smooth operations at the scene of emergency incidents.
11. Identify misconduct and/or shortcomings of those he/she leads and report the same to his/her supervisor.

12. Assign and lead the daily work of firefighters.

#### MINIMUM QUALIFICATIONS

1. State Fire Training Driver/Operator 1A and 1B
2. Engine Boss (CICCS ENGB)\*<sup>1</sup>
3. Current Candidate Physical Ability Test (CPAT) or equivalent\*
4. Current Emergency Medical Technician Certificate
5. Current Cardio-Pulmonary Resuscitation Certificate / AED
6. California Driver License with Fire Fighter endorsement, or Class B with appropriate endorsements
7. Hazardous Materials; First Responder Operational\*
8. Confined Space Awareness\*

#### DESIRABLE QUALIFICATIONS

1. S-290 Intermediate Wildland Fire Behavior (FSTEP)
2. State Fire Training Instructor Certificate
3. Fire Command 1A: Command Principles for Company Officers (CFSTES)
4. Incident Management 1 (Cal Fire)
5. Auto Extrication (FSTEP)
6. S-212 Wildland Fire Chain Saws (FSTEP)
7. State Fire Training SFM - Low Angle Rescue
8. State Fire Training SFM – Fire Officer 1 or equivalent
9. Experience as a (paid or unpaid) fire fighter, driver/operator, or engineer

#### ADA WORKING CONDITIONS

The following physical requirements and work environment is characteristic of those that the incumbent will encounter and must successfully meet to perform the essential duties of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions of the position.

1. Physical Requirements: Work is performed in a combination of environments, including: office, vehicle, emergency and nonemergency field conditions. Field command will be necessary in suppression assignments. The incumbent may on occasion be called upon to perform strenuous activity associated with an emergency field response.
2. Mobility: Frequent use of keyboard; frequent sitting for long periods of time; occasional bending or squatting; walking on stable, unstable, sloped and wet surfaces; ascending and descending stairs and ladders.
3. Lifting: Frequently up to 10 pounds; occasionally up to 100 pounds.
4. Vision: Constant use of overall vision; frequent reading and close-up work; occasional color and depth vision.
5. Dexterity: Frequent repetitive motion; frequent writing; frequent grasping, holding, and reaching.
6. Hearing/ Talking: Frequent hearing and talking, in person, on the radio, and on the phone.

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<sup>1</sup> Items marked with an asterisk (\*) may be completed within the probationary period (one year) as a condition of continued employment.

7. Emotional/ Psychological: Frequent decision-making and concentration; frequent public and/or coworker contact; occasional working alone.
8. Environmental: frequent exposure to noise; regularly travel in assigned vehicle to other locations or respond to emergency situations or incidents; exposed to heat, dust, noise, smoke, fumes, gases, oil, grease, wet and slippery surfaces, machinery with moving parts, moving objects and other vehicles while in the field; may work unusual and prolonged schedule during emergencies, seasonally-caused circumstances or special projects; may be exposed to varying climates or hot and cold temperature conditions while in the field.