

Fire Engineer

- Overview
- Respond to fire incidents, emergency medical calls, and other emergencies to protect life, property, and the environment.
 - Participate in fire training, prevention, public education, and maintenance of stations and equipment.
 - Drives and maintains fire apparatus and equipment; operates fire pump.
 - Operates firefighting equipment skillfully under a variety of conditions.
 - Report to the company officer or acting captain.
 - Follow medical direction from Santa Barbara County EMSA protocols and the Department Medical Director.
 - May be required to supervise firefighters.

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- Key Responsibilities
- Emergency Response:**
- Respond to structure fires, wildland fires, and vehicle fires. Place fire hoses, operate fire streams, set ladders, and enter burning structures to conduct rescues and fire control. Perform salvage and overhaul operations during and after fires. Stand fire watch.
 - Provide medical assistance and perform emergency medical procedures as per EMT scope of practice and Santa Barbara County EMSA protocols and document as required.
 - Conduct rescues in various scenarios including vehicle accidents, injuries, trapped persons or animals, hazardous substance releases, and natural disasters. Understands rescue operations and procedures.
 - Understand and apply hazardous materials operations and decontamination procedures in compliance with regulations.
 - Understand and apply fireground and wildland/urban-interface command strategies and tactics.
 - Understands the Incident Command System as it applies to all responses.
- Equipment Operation:**
- Use and maintain personal protective equipment, including Self-Contained Breathing Apparatus (SCBA).
 - Safely and effectively operate fire department equipment, including generators, pumps, power saws, and hydraulic tools.
 - Drive and operate fire department vehicles, including fire apparatus, after proper certification and licensing.
 - Maintains an extensive working knowledge of apparatus and equipment.
 - Know the location of and how to use all medical equipment within the EMT or Paramedic scope of practice.
- Equipment Maintenance:**
- Inspect fire hydrants and perform minor maintenance, clearing of area.
 - Wash, polish, and perform preventive maintenance on fire apparatus, equipment, and tools.
 - Maintain apparatus inventory.
 - Clean and maintain fire stations and grounds.
- Fire Prevention and Public Relations:**
- Perform business and commercial occupancy inspections and be familiar with fire prevention strategies and codes.
 - Present programs and participate in public relations activities.
 - Leads training related to apparatus operation including mechanical systems, troubleshooting, pumping, driving, etc.

Key Responsibilities (cont)	<p>Training, Administrative and Fitness:</p> <ul style="list-style-type: none"> • Engage in training, drills and classes as directed to maintain and enhance firefighting and emergency response skills. • Possesses the basic math skills necessary for fire pump calculations, USAR shoring calculations, and other job functions. • Complete accurate and detailed documentation for all medical interventions and fire incidents. • Adhere to the policies, procedures, rules, and regulations of the Montecito Fire Department. • May be assigned special projects by a chief or company officer. • Maintain physical fitness through a self-directed program. • Maintain a clean professional appearance and comply with Policy 1013 Conduct and Behavior.
Skills and Abilities	<ul style="list-style-type: none"> • Perform competently under extreme pressure. • Make accurate observations and rapid judgments. • Understand and follow procedural instructions. • Give clear oral instructions and deal effectively with the public and co-workers. • Work cooperatively with others and contribute to a successful team. • Prepare clear and accurate reports.
Minimum Qualifications	<ul style="list-style-type: none"> • Must have 3 years of full-time experience with the Montecito Fire Department. • CA State FF-I and Firefighter II certification. • Hazardous Materials First Responder – Operational. • California EMT certification. • CPR for the Professional Rescuer or equivalent. • AED certification. • Valid California Class B or C driver’s license with Firefighter endorsement. • High School Diploma or equivalent. • No felony convictions.
Desired Qualifications	<ul style="list-style-type: none"> • California Urban Search and Rescue “Heavy” qualification. • CA SFM Fire Inspector I certification. • CA State Company Officer certification eligible. • Associate of Science or Art degree.
Other Requirements	<ul style="list-style-type: none"> • Meet insurability requirements of the District’s insurer. • Accept special duty assignments and work varied shifts as needed. • Complete a 12-month probationary period.
Physical Demands and Working Environment	<p>Physical:</p> <ul style="list-style-type: none"> • Frequent neck movement, simple grasping, fine finger dexterity, walking, standing, sitting, kneeling, climbing, balancing, squatting, bending, twisting at the waist, and lifting and carrying objects up to 20 lbs. • Occasional lifting and carrying objects up to 25 lbs., running, and crawling. • Lifting and carrying objects over 100 lbs. rarely, with or without assistance. <p>Environmental:</p> <ul style="list-style-type: none"> • Exposure to extreme temperatures, noise, hazards from fires, hazardous materials, and biological hazards. • Work involves 48-hour shifts with breaks, subject to emergency interruptions. • Off-duty emergency recall. • Work settings include fire stations and field locations.