

Fire Engineer Inspector

Overview	<ul style="list-style-type: none">• Conduct fire and life safety occupancy inspections.• Process fire sprinkler plan submissions including plan review and field inspections.• Perform issuance of new/updated Fire District addresses.• Perform hydrant inspection and Knox lock issuance.• Keep updated on relevant software systems such as Accela, Fulcrum, and VIVA.• Function as a fire investigator.• Required to perform all the responsibilities of a Fire Engineer when working in that role.• Report to the Fire Captain – Assistant Fire Marshal; company officer or acting captain.• Follow medical direction from Santa Barbara County EMSA protocols and the Department Medical Director.
Key Responsibilities	<p>In addition to the responsibilities required for a Fire Engineer, the following are typical for this classification. Incumbents may not perform all the listed duties and may be required to perform additional or different tasks to address evolving needs and practices.</p> <p>Fire Prevention and Investigation:</p> <ul style="list-style-type: none">• Know major types of building construction, materials, designs, and methods.• Understand fire protection and detection systems.• Investigate fires to determine cause and origin. <p>Inspections and Compliance:</p> <ul style="list-style-type: none">• Conduct fire and life safety occupancy inspections for compliance with codes, including assembly, residential, educational, hazardous, institutional, and business occupancies.• Inspect fire suppression and detection equipment for proper design, installation, and maintenance.• Interpret, explain and enforce federal, state, and local fire-related laws, codes, and regulations, including the California Fire, Building, and Residential Codes, Title 14, 19, and 24 of the California Code of Regulations, Public Resource, California Government and Penal Codes, and the Montecito Fire Code. <p>Communication and Collaboration:</p> <ul style="list-style-type: none">• Issue Fire Safety Inspection Notices and discuss corrective measures with business and property owners.• Confer with architects, contractors, builders, and the public to explain and interpret requirements and restrictions. <p>Availability and Assistance:</p> <ul style="list-style-type: none">• Be available evenings and weekends for fire investigations and other duties as needed.• May act as Assistant Fire Marshal in the absence of the Assistant Fire Marshal.• Assist Wildland Fire Specialists with assigned duties. <p>Additional Responsibilities:</p> <ul style="list-style-type: none">• Eligible for overtime shifts or other fire suppression assignments, provided there are no conflicts with normally assigned duties as determined by the supervisor.
Skills and Abilities	<ul style="list-style-type: none">• Be proficient in fire prevention principles, practices, and techniques.• Read and interpret building/sprinkler plans and specifications.• Apply technical knowledge and follow proper inspection techniques to examine workmanship, materials used, and detect deviations from plans, regulations, and standard construction practices.• Enforce necessary regulations with firmness and tact.• Be knowledgeable in fire investigation procedures, including arrest, search, and seizure.• Communicate clearly and concisely, both orally and in writing.

Skills and Abilities (cont)	<ul style="list-style-type: none"> • Prepare clear, concise, and accurate written reports. • Establish and maintain effective working relationships. • 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.
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 Investigator certification. • CA SFM Fire Inspector I certification. • CA SFT Plans Examiner 1A and 1B. • NFPA Certified Fire Protection Specialist (CFPS) • 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. • Must obtain CA SFM Fire Investigator certification during the first year of appointment. • Must work one assigned staff workday per quarter in a station fulfilling the role of Fire Engineer. Track in Vector Solutions under “Fire Engineer Inspector – Station”. Working any 24-hour shift as a Fire Engineer fulfills this requirement. • Accept special duty assignments and work varied shifts as needed. • If not previously a Fire Engineer for Montecito Fire Department, must complete a 12-month probationary period. • As an “on call” investigator, a department vehicle may be available to take home.
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 of fires, hazardous materials, and biological hazards. • Work may involve 48-hour shifts with breaks, subject to emergency interruptions. • Possible off-duty call-ins for emergencies. • Work settings include the fire station and field locations.