

## Stephen Healy | Senior Fire Investigator, IAAI-CFI, CFEI, M.S.

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### Professional Summary:

Experience includes 33 years in California professional fire service in all positions including Captain, Battalion Chief, Fire Marshal and Fire Chief. Investigation of over 334 fires spanning a 23-year period, including structural, wildland, vehicle, aircraft, accidental, incendiary, high-dollar loss, injurious and fire-related fatalities.

- Fire Investigations
- Fire Investigations – Failure Analysis
- Fire Investigations – Incendiarism
- Fire Investigations – Liability
- Fire Investigations – Origin and Cause
- Fire Investigations – Subrogation

### Licenses and Certifications:

Certified Fire Investigator (CFI), International Association of Fire Investigators (IAAI), #22-0921110, Expires 9-21-23.

Certified Fire and Explosion Investigator (CFEI), National Association of Fire Investigators (NAFI), #22870, Expires 1-22-23.

Fire Investigator I, California State Fire Marshal's Office, #130-0484

Hazardous Materials Specialist, California State Fire Marshal's Office, #900124

Fire Prevention Officer, California State Fire Marshal's Office, #772963

Public Education Officer, California State Fire Marshal's Office, #661306

Executive Fire Officer (EFO), United States Fire Administration, designation awarded 12-5-16.

Credentialed Chief Fire Officer (CFO), Center for Public Safety Excellence, designation awarded 6-5-12.

Fire Instructor III (Master Instructor), California State Fire Marshal's Office, #320-0484.

Chief Officer, California State Fire Marshal's Office, #250-0484

Fire Officer, California State Fire Marshal's Office, #019741

Firefighter II, California State Fire Marshal's Office, #009207

Firefighter I, California State Fire Marshal's Office, #021927

### Professional Experience:

EFI Global Incorporated, Fire Investigator, 2018 – Present

San Ramon Valley Fire Protection District, Program Manager, 2019 – Present

San Ramon Valley Fire Protection District, Interim Fire Marshal, 2018 – 2019

Moraga-Orinda Fire Protection District, Fire Chief, 2006 – 2017

**Specialized Education:**

- International Association of Arson Investigators (IAAI)
  - Advanced Fire Investigations, 2018, 20 hours (Tested)
    - Expert Witness Testimony
    - Fire-Related Death Investigations
    - Cyber/Internet Topics
- California Conference of Arson Investigators
  - Vehicle and Structural Burn Patterns, 2018, 28 hours (Tested)
    - Field Burn – Vehicle and Structural Burn Patterns
    - Virtual Reality Cameras
    - Use of Area Scanner for Explosion, Accidents, and Fire Scenes
- International Association of Arson Investigators (IAAI)
  - Expert Witness Courtroom Testimony, 2017, 40 hours (Tested)
  - The Scientific Method for Fire and Explosion Investigation, 2017, 3 hours (Tested)
- California State Fire Marshal's Office
  - Fire Investigation 1A (new curriculum), Basic Fire Investigation, 2019, 40 hours (Tested).
  - Fire Investigation 1B (new curriculum), Evidence and Documentation, 2019, 40 hours (Tested).
  - Fire Investigation 1C (new curriculum), Preparation for Legal Proceedings, 2019, 40 hours (Tested).
  - Fire Command 2D, Planning for Large Scale Disasters, 2006, 40 hours (Tested)
  - Fire Command 2E, Wildland Firefighting Tactics, 2006, 40 hours (Tested)
  - Fire Instructor 3, Master Instructor, 2006, 40 hours (Tested)
  - Fire Investigator 1B, Techniques of Fire Investigation, 2006, 40 hours (Tested)
  - Fire Management 2E, Contemporary Issues and Concepts, 2006, 40 hours (Tested)
  - PC-832, Powers of Arrest (CA), 2006, 53 hours (Tested)
  - Fire Command 2A, Command Tactics at Major Fires, 2005, 40 hours (Tested)
  - Fire Command 2B, Management of Hazardous Materials Incidents, 2005, 53 hours, (Tested).
  - Fire Command 2C, High Rise Fire Tactics, 2005, 40 hours (Tested)
  - Fire Control 4-A/B, Flammable Gases and Liquid Firefighting, 12 hours (Tested)
  - Fire Control 4-A/B Instructor, Flammable Gases and Liquid Firefighting, 8 hours (Tested).
  - Fire Instructor 2A, Techniques of Evaluation, 2005, 40 hours (Tested)
  - Fire Command 1B, Hazardous Materials for Company Officers, 2004, 40 hours (Tested).

- Fire Investigation 1A, Fire Origin and Cause Determination, 2004, 40 hours (Tested).
- Fire Prevention 1B, Fire Prevention Practices, 2004, 40 hours (Tested)
- Fire Prevention 1C, Flammable Liquids and Gases, 2004, 40 hours (Tested)
- Fire Public Education 1, Systemic Planning and Communication Skills, 2004, 40 hours (Tested).
- Fire Prevention 1A, Introduction to Fire Prevention, 2003, 40 hours (Tested)
- Cogswell Polytechnical College
  - Fire Science 442, Fire Dynamics, 2005, 53 hours (Tested)
  - Fire Science 446, Incendiary Analysis and Fire Investigation, 2005, 53 hours (Tested).
  - Fire Science 330, Fire Protection Structure and Systems Design, 2005, 53 hours (Tested).
  - Fire Science 482, Political and Legal Foundations of Fire Protection, 2005, 53 hours (Tested).
  - English 498-X, Disasters of the 20th Century, 2004, 53 hours (Tested)
  - Fire Science 355, Advanced Fire Administration, 2004, 53 hours (Tested)
  - Fire Science 357, Fire Prevention Organization and Management, 2004, 53 hours (Tested).
  - Fire Science 415, Fire-Related Human Behavior, 2004, 53 hours (Tested)
  - Fire Science 486, Managerial Issues in Hazardous Materials, 2004, 53 hours (Tested).
  - Fire Science 484, Fire and Community Threat, 2003, 53 hours (Tested)
- U.S. Office for Domestic Preparedness (ODP)
  - WMD Radiological/Nuclear, ODP Course for HazMat Technicians, 2005, 32 hours (Tested).
- U.S. Department of Homeland Security
  - WMD HazMat Technician Course (COBRA), 2006, 24 hours (Tested)
- California Specialized Training Institute
  - HINSTC1-4, WMD/Hazardous Materials Instructor, 2005, 40 hours (Tested)
  - WMD/FRA, WMD/First Resp. Awareness, 2005, 16 hours (Tested)
  - Hazardous Materials 1F, Specialized Mitigation Techniques, 2003, 40 hours (Tested)
  - Hazardous Materials 1G, Practical Field Exercises, 2003, 40 hours (Tested)
- National Wildfire Coordinating Group
  - S-390, Introduction to Fire Calculations, 2008, 24 hours (Tested)
  - S-420, Command and General Staff, 2008, 40 hours (Tested)
  - S-290, Fire Weather Behavior, 2005, 24 hours (Tested)
  - ICS-400, Advanced Incident Command Systems, 2005, 16 hours (Tested)

- ICS-300, Intermediate Incident Command Systems, 2004, 24 hours (Tested)
- ICS-401, Safety Officer, 2004, 24 hours (Tested)
- National Fire Academy
  - R-0125, Executive Leadership, 2016, 80 hours (Tested)
  - R-0306, Emergency Management, 2015, 80 hours (Tested)
  - R-0274, Community Risk Reduction, 2012, 80 hours (Tested)
  - R-0123, Executive Development, 2011, 80 hours (Tested)
  - Q-0123, Applied Research, 2010, 5 hours (Tested)
  - R-243, Hazardous Materials Incident Management, 2004, 44 hours (Tested)
- Federal Emergency Management Agency (FEMA)
  - Planning Section Manager, Urban Search & Rescue Teams, 2010, 32 hours (Tested)
  - Structural Collapse Technician, Urban Search & Rescue Teams, 2008, 24 hours (Tested).
- Mine Safety & Health Administration (MHA)
  - Mine-Tunnel Rescue Technician, 2010, 24 hours (Tested)

#### Education:

Master of Science, Emergency Services Administration, *Magna cum Laude*, California State University Long Beach, CA, 2009

Bachelor of Science, Fire Prevention, *Cum Laude*, Cogswell Polytechnical College National Fire Academy DDP, Sunnyvale, CA

Associate of Science, Fire Technology, Mission College, Santa Clara, CA

#### Affiliations:

International Association of Arson Investigators  
International Association of Firefighters  
National Association of Fire Investigators  
California Conference of Arson Investigators

#### Courses Instructed/ Guest Lecturer:

- Fire Investigation – San Ramon Valley Fire District Investigation Team Training
- 5 Live burns in acquired structure
  - 4 Live burns in acquired vehicles
  - 12 Live burns in dead vegetation
  - 3 Live burns of wood cribbing and miscellaneous materials



- Evidence collection procedures
  - Several case studies including fire fatalities
- Battalion Chief's Academy  
Fire Captain's Academy  
CERT – Advanced ICS  
Command 1A  
Command 1B  
Hazardous Materials First Responder Awareness  
Hazardous Materials First Responder Operations  
Hazardous Materials First Responder Decontamination  
Hazardous Materials First Responder WMD  
ICS – I-200 Basic ICS  
ICS – I-300 Intermediate ICS  
ICS – I-400 Advanced ICS  
Management 1

### Publications and Presentations:

Stephen Healy

*How the Moraga-Orinda Fire District Can Improve its Succession Planning Through its Career Development Guide*, Applied Research Paper, United States Fire Administration/National Fire Academy, 2016.

Stephen Healy

*How the Moraga-Orinda Fire District Can Best Deploy its Resources Following a Major Earthquake*, Applied Research Paper, United States Fire Administration/ National Fire Academy, 2016.

Stephen Healy

*FIREWISE Communities in the Moraga-Orinda Fire District: Are Individual Parcel Inspections a good Partner?* Applied Research Paper, United States Fire Administration/National Fire Academy, 2013.

Stephen Healy

*Confined Space Emergency Response: Assessing Employer and Fire Department Practices*, Applied Research Paper, Publication in the Journal of Occupational and Environmental Hygiene, University of California Center for Occupational and Environmental Health, Co-author, Published: Volume 9, Issue 2, 2012.

Stephen Healy

*Ensuring Validity in Battalion Chief Position Task Books in the Moraga-Orinda Fire District*, Applied Research Paper, United States Fire Administration/National Fire Academy, 2012.

\*\* Court and litigation CV available on request