

Karl F. Kolodzik | Senior Fire Investigator, IAAI-CFI, CFEI, CCAI-CFI

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Professional Summary:

Mr. Kolodzik has over 46 years of experience conducting fire service and insurance related origin and cause investigations specializing in fires and explosions involving residential/commercial property, hazardous materials investigations, and all types of vehicles. He has conducted in excess of 2,000 fire origin and cause fire and explosion investigations. Mr. Kolodzik has continued his education in fire related programs related to fire investigation and NFPA 921 and 1033 standards throughout his career. Mr. Kolodzik is an IAAI, CFEI, and CCAI Certified Fire Investigator and a Certified Hazardous Materials Specialist since 1987. Mr. Kolodzik has qualified and provided expert witness testimony in California in both civil and criminal cases in the fields of origin and cause fires, explosions, and hazardous materials investigations.

- Origin and cause of commercial and residential structure fires.
- Origin and cause of vehicle fires.

Licenses and Certifications:

Certified Fire Investigator, International Association of Arson Investigators (IAAI-CFI)

September 2009, certification #22-081813

Certified Fire & Explosion Investigators, National Association of Fire

Investigators (NAFI) September 2009, certification #14910-7774

California Conference of Arson Investigators (CCAI – CFI); May 2008, certification #634

Certified Fire/ Arson Investigator, California; March 1982

Project Experience:

Confidential Client, Kailua, Hawaii

Fire Investigation

Conducted an origin and cause investigation of an arson fire in a 6833 square foot, three story home. The fire investigation concluded the use of flammable liquids was used to enhance the spread of the fire. This was a \$3,000,000.00 saving to the insurance company insuring the property.

Confidential Client, Los Angeles, California

Fire Investigation

Conducted an origin and cause fire investigation into a commercial deli in Los Angeles. The investigation included fire dynamic and fire spread as well as restoration of the surveillance video that ultimately identified the business owner as the person that set the business on fire.

Confidential Client, Santa Barbara, California**Fire Investigation**

Conducted an origin and cause fire investigation for a three story college dormitory under construction at the time the fire occurred. The investigation included fire dynamics, fire spread, and analysis of surveillance camera video.

Southern California Gas Company**Fire/explosion investigations**

Conduct origin and cause fire and explosion investigations for the Southern California Gas Company to determine liability of their company with regards to the fire and/or explosion. The investigations include fire dynamics, fire spread, and liability aspects of the loss site.

Professional Experience:

EFI Global, Inc. /Unified Investigations & Sciences, Senior Fire Investigator, 2012 – Present
Rimkus Consulting Group, Inc., Fire Consultant, 2011 – 2012
Unified Investigations & Sciences, Special Investigator, 2006 – 2011
Morongo Fire Department, Banning, California, Fire Chief, 2002 – 2006
California Speedway, Fontana, California, Fire Safety Specialist, 1998 – 2006
Rialto Fire Department, Rialto, California, Fire Captain, 1972 – 2000

Specialized Education:

Marine Fire Investigations, International Association of Marine Investigators, 2018
Asbestos Awareness Refresher class, Safety Compliance Management, Inc., 2018
Appliance Fire Investigations, Fire Findings, 2017
Southern California Fraud Investigators Association (SCFIA) conference, 2017
Electrical Aspects of Fire Investigation & Arc Mapping, IAAI CFI Training Class, 2017
Introduction into Evidence Collection, IAAI CFI Trainer, 2017
Basic Electricity, IAAI CFI Trainer, 2017
Residential Electrical Systems, IAAI CFI Trainer, 2017
Privacy & Security Training, UIS Webinar, complies with ISO 27001 Certification, 2017
Large Loss Scene Investigations, UIS Webinar, 2017
International Association of Marine Investigators (IAMI) Western States Regional Training Seminar, 2017
Engineering Aspects of Vehicle Fire Investigation, 2017
Wildland Fire Investigations, 2017
Large Scale Fire Scene & LODD Investigations, 2017
Do the Right Thing Training, Sedgwick, 2016
Southern California Fraud Investigators Association Certificate of Completion, SCFIA, 2016
Forensic Accounting, 2016
Asbestos awareness Annual Training, 2016

Large Truck Fire Investigations, 2016
Southern California Fraud Investigators Association Certificate of Completion, 2015
Live Burn Training Instructor for Claims Handlers; Costa Mesa FD, 2016
Globally Harmonized System of Classification and Labeling of Chemicals, 2015
Forensic Photography (NFPA 1033 & 921), 2015
Asbestos Awareness Refresher Course, 2015
921 Solid-Fuel & Gas-Burning Appliances, 2015
Fire Modeling/Critical Thinking, CCAI Conference, 2014
Vehicle Fire Training; Anaheim Drill Tower, CCAI, 2014
Asbestos Awareness, Bay Area Governments, 2014
The Changing Severity of Home Fires, 2013
Physical examination with Respirator Clearance, 2013
CCAI Certificate of Training, 2013
Qualitative Fit test, asbestos APR respirator, 2013
HAZWOPER Refresher course, asbestos exposure training, 2012
California Conference of Arson Investigators (CCAI) Certificate of Training, 2012
International Association of Arson Investigators (IAAI) Certificate of Training, 2011
CCAI Certificate of Training, 20 Hours, 2010
International Association of Arson Investigators (IAAI) – CFITrainer.net
ARC Mapping Basics, 2012
Flashover Fires, 2009
Ventilation-Focused Approach to the Impact of Building Structures and Systems on Fire Development, 2009
The Scientific Method for Fire and Explosion Investigation, 2009
Vacant and Abandoned Buildings: Hazards and Solutions, 2009
Managing Complex Fire Scene Investigations, 2009
Investigating Fatal Fires, 2009
Understanding Fire through the Candle Experiments, 2009
Physical Evidence at the Fire Scene, 2009
Critical Thinking Solves Cases, 2009
Introduction to Evidence, 2009
Insurance and the Fire Investigation, 2009
Investigating Motor Vehicle Fires, 2009
Fire Investigator Scene Safety, 2009
An Analysis of the Station Nightclub Fire, 2009
The Scientific Method for Fire and Explosion Investigation, 2009
Digital Photography and the Fire Investigator, 2009
Ethics and the Fire Investigator, 2009
Documenting the Event, 2009
MagneTek: A Case Study in the Daubert Challenge, 2009
Introduction to Fire Dynamics and Modeling, 2009
Fire Dynamics Calculations, 2009



IAAI-CFI Expert Witness class, 2009
CCAI Certificate of Training, 2008

Education:

Bachelor of Science, Communications/Chemistry, Wisconsin State University, Stevens Point, Wisconsin
Labor Negotiations Certificate, Harvard University, Boston, Massachusetts
Chaffey College Fire Science Academy, Alta Loma, California
Fire Science, San Bernardino Valley College, San Bernardino, California
Fire Science Certification, Crafton Hills College, Yucaipa, California

Affiliations:

International Association of Arson Investigators (IAAI)
National Association of Fire Investigators (NAFI)
California Conference of Arson Investigators (CCAI)

**Litigation CV available upon request.