
Daniel Kelly | Fire Investigator/Evidence Technician, IAAI-CFI, CFEI, ECT

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Professional Summary:

Mr. Kelly has more than 30 years of experience in the fire service and in the investigation field as a line Firefighter and a Fire Investigator. During the course of his career, Mr. Kelly has investigated minor to multi-million-dollar losses involving residential and commercial structures, motor vehicles, fatalities and explosions. Mr. Kelly has attended specialized training in fire investigations, Marine Fire Investigation, hazardous materials and evidence handling for both public and private sectors. Mr. Kelly is certified in Hazmat Operations and a Certified Fire Investigator.

Licenses and Certifications:

Certified Fire Investigator, IAAI #005-041349

Certified Fire & Explosion Investigator, NAFI #16599-8979

Certified Evidence Collection Technician, IAAI #206

Fire Fighter 1 & 2

Fire Officer 1, 2 & 3

Project Experience:

**Confidential Client, Michigan
Origin and Cause Investigation**

Investigated a fire involving a commercial property. The fire was determined to be an arson involving the owner. The investigation led to a prison sentence.

**Confidential Client, Michigan
Origin and Cause Investigation**

Investigated a fire involving a commercial property. The fire was determined to be an arson used as a diversion for theft. The investigation led to a prison sentence.

Court Qualifications/ Depositions:

Litigation CV available upon request.

Professional Experience:

EFI Global, Inc., Fire Investigator/Evidence Technician 2012 – Present
Flint Township Fire Dept., Captain, Fire Investigator, Fire Inspector 1995-2020
Gaines Township Fire Department, Firefighter, 1994-1995
Swartz Creek Area Fire Department, Firefighter, 1990-1994

Specialized Education:

Donning and Doffing Personal Protective Equipment, CFITrainer.net, 3/ 2024
Introduction to Fire Dynamics and Modeling, CFITrainer.net, 2/2024
Validate Your Hypothesis, CFITrainer.net,1/2024
Fire Effects Part 1; Heat Effects on Fuel, 3hrs. Tested, CFITrainer.net, 5/2023
Critical Evaluation and Testing of Commonly Reported Accidental Causes, 3hrs. Tested, CFITrainer.net, 2/2023
Critical Evaluation and Testing of Commonly Reported Accidental Causes, 3hrs. Tested, CFITrainer, 2/2023
Fire Effects Part 1; Heat Effects on Fuel, 3hrs. Tested, CFITrainer, 5/2023
Expert Courtroom Testimony Program, IAAI, 2011
Michigan Arson School, IAAI, 2009
6th Arson Follow-Up School, IAAI, 2000
27th Advanced Fire Investigation School, IAAI, 1999
36th Basic Fire Investigations, IAAI, 1997
Marine Fire Investigation, IAAI, 2022
12/5/2022 Impact of Vent. In Bldg. Struct. on Fire Dev., 4hrs. tested CFITrainer.net
10/11/2022 Understanding Fire Through Candle Experiment, 4hrs. tested CFITrainer.net
9/7/2022 Lithium-Ion Battery Fires, 1hrs. tested CFITrainer.net
8/9/2022 Fire Protection Systems, 3hrs. tested CFITrainer.net
6/13/2022 Fire Flow Analysis, 3hrs. tested CFITrainer.net
2/19/19/2022 Marine Fire Investigation, 32hrs. tested CFITrainer.net
1/20/2022 Investigating Natural Gas Systems, 3hrs. tested CFI Trainer.net
1/16/2022 Preperation For Marine Fire Scene, 4hrs. tested CFI Trainer.net
2/7/2020 Charleston Sofa Super Store CFI Trainer,net
2/6/2020 Postflashover Fires CFI Trainer,net
2/6/2020 Introduction To Appliances CFI Trainer.net
10/2018 Fire Inspector I 80hrs. tested NFPA
5/3/2018 Fire Dynamics and Flame Spread, Appliance Failure as a Fire Cause, Fire Investigation Technology, Electrical Myths, 14 hrs. tested... OCAAFI
12/12/17 Evidence Collection Tech., Re-Cert.,.....IAAI
1/30/2020 Scientific Method for Fire and Explosion Investigation CFI Trainer.net
1/30/2020 An Analysis of the Station Nightclub Fire CFI Trainer.net
04/13/17 Certified Fire Investigator, Re-Cert,.....IAAI
04/04/17 Arson and Fire Investigation, 14hrs....OCAAFI/tested
01/30/17 An Analysis of The Station Nightclub Fire, 4hrs.....IAAI/tested
01/30/17 The Scientific Method for Fire and Explosion Investigation, 3hrs....IAAI/tested
09/20/16 NFPA1033/921 Origin and Cause Investigation,1hr....EFI Global/tested
09/21/15 Fire Claim Cases: The Prepared Expert,1hr.....EFI Global/tested
09/11/14 Certified Evidence Collection Technician,.....IAAI/tested
08/06/14 NFPA 1033 and Your Carrer,2hrs.....IAAI/tested
05/29/14 NFPA 921 and 1033 Editions: Important Revisions, 3hrs...IAAI/tested
05/01/14 Arson and Fire Investigation,14hrs.....OCAAFI/tested
11/25/13 Fire and Arson Fatality Fire Scene Invest.,16hrs...PATC/tested
10/03/13 HAZWOPER, 8hrs.New Environment, Inc./tested
05/21/13 Michigan Arson School, 7hrs.IAAI
02/11/13 Arc Mapping Basics, 4hrs.IAAI/tested

12/10/12 The Practical App. Of the Relationship Between NFPA 1033 and 921, 2hrs.....IAAI/tested
 11/28/12 Evidence Exam: What Happens at the Lab, 4hrs. ... IAAI/tested
 11/26/12 Physical Evidence at the Fire Scene, 4hrs. ... IAAI/tested
 11/16/12 Introduction to Evidence, 4hrs.... IAAI/tested
 11/08/12 Documenting the Event, 3hrs...IAAI/tested
 10/30/12 DNA, 3hrs. IAAI/tested
 10/30/12 Ethics and the Fire Investigator, 3hrs.IAAI/tested
 4/12/12 Certified Fire Investigator... IAAI/tested
 9/11/11 Expert Courtroom Testimony Program, 40 hrs. ... IAAI / tested
 9/05/11 Scientific Method for Fire and Explosion Investigation, 3 hrs. ...IAAI tested
 8/03/11 Certified Fire and Explosion Investigator, 14 hrs. ...NAFI / tested
 4/28/11 Trends of Fire Investigation... Oakland Co. Association of Arson & Fire Investigators Inc. / tested
 2/28/11 ICS for Single Resource and Initial Action Incident ... FEMA / tested
 5/12/09 Michigan Arson School, 24 hrs. ...IAAI / tested
 8/02/06 National Incident Management System IS-00700 ... FEMA / tested
 8/02/06 National Response Plan IS-00800 ... FEMA / tested
 9/10/02 Clandestine Drug Lab-Awareness ... MFFTC
 11/7/01 Fire Officer II ... MFFTC
 11/7/01 Fire Officer I ... MFFTC
 03/31/01 Managing Company Tactical Operations-Decision ... MFFTC
 03/17/01 Managing Company Tactical Operations-Preparing ... MFFTC
 03/03/01 Records and Reports ... MFFTC
 10/20/00 Arson Follow-Up School, 33 hrs. ... Michigan State Police / tested
 6/14/99 Fire Investigator-NFPA 1033 ... National Board on Fire Service Professional Qualifications / tested
 3/26/99 Advanced Fire Investigation School, 34 hrs ... Michigan State Police / tested
 2/13/99 Confined Space Awareness, 9 hrs. ... Universal Macomb Ambulance Service
 11/09/99 Confined Space- Operations ... International Association of Fire Fighters
 8/25/98 Terrorism Awareness for the First Responder, 4 hrs. ... Michigan State Police
 3/08/98 Building Construction: Noncombustibles ... MFFTC
 2/22/98 Building Construction: Principles ... MFFTC
 2/08/98 Managing Company Tactile Operations-Tactics ... MFFTC
 9/19/97 Basic Fire Investigations, 68 hrs. ... Michigan State Police / tested
 4/20/97 Conducting Basic Fire Prevention Inspections ... MFFTC
 3/16/97 Fire Fighter Safety & Survival ... MFFTC
 3/02/97 Fire Service Supervision-Team ... MFFTC
 2/02/97 Fire Service Supervision-Personal ... MFFTC
 12/8/96 Fire Fighter I&II Exam ... MFFTC / tested
 9/10/96 The Incident Command System ... MFFTC / tested
 9/26/95 Hazard Materials First Responder-Operations Level ... MFFTC
 5/05/95 Emergency Response to Chlorine Incidents, 4 hrs. ...Michigan State Police
 6/29/92 Fire Fighter I ... MFFTC /tested

Education:

Lake Superior State College, 1984 – 1985
 Northern Michigan University, 1981 – 1983

Affiliations:

International Association of Arson Investigators (IAAI), Chapter, Illinois 2014
International Association of Arson Investigators (IAAI), Chapter, Michigan 1995
National Association of Fire Investigators (NAFI), 2011
International Association of Fire Fighters, 1995

Courses Instructed/ Guest Lecturer:

Origin and Cause Investigation

Honors and Awards:

Michigan IAAI Investigator of the Year, 2018