

FORENSIC FIRE INVESTIGATION

Massachusetts, Rhode Island & Connecticut

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RAYMOND SAJDAK

IAAI-CFI & NAFI-CFEI, CVFI

SR. FIRE INVESTIGATOR

QUALIFICATIONS & CURRICULUM VITAE

BIOGRAPHY

Mr. Ray Sajdak is a Fire & Explosion Consultant at Thermalogix with over 20 years of experience in fire prevention, code enforcement, and investigation. He has conducted over 300 structural and motor vehicle fires primarily within the states of Connecticut, Massachusetts, Rhode Island, and New York. Mr. Sajdak's certifications include the NFPA 1033 Pro Board-Certified Fire Investigator, NAFI-Certified Vehicle Fire Investigator, IAAI Certified Fire Investigator, and many more. Mr. Sajdak recently retired from the Bristol, Connecticut Fire Department where he was a Lieutenant, and has held the position of Fire Marshal for the Town of Portland, Connecticut since 2008.

WORK HISTORY

THERMALOGIX, LLC *New Haven, CT*

12/2023 -

FIRE & EXPLOSION CONSULTANT

Conduct forensic investigations to determine origin, causation and responsibility of fire and explosion incidents. Provide written reports of investigation findings to clients for potential subrogation recovery.

FIRE RESEARCH & TECHNOLOGY, LLC *Sodus Point, NY*

07/2016 – 07/2023

SENIOR FIRE & EXPLOSION CONSULTANT

Investigated fire and explosion incidents involving commercial and residential structures to determine origin and causation. Other responsibilities included investigating vehicles and marine vessels, conducting witness interviews, and evidence collection and examination.

CITY OF BRISTOL, FIRE DEPARTMENT *Bristol, CT*

LIEUTENANT

07/2013 – 07/2023

Supervised Firefighters conducting fire suppression, rescue, and hazardous materials incidents.

FIREFIGHTER

09/1998 – 2013

TOWN OF PORTLAND, FIRE MARSHAL'S OFFICE *Portland, CT*

DEPUTY FIRE MARSHAL

07/2008 –

FIRE MARSHAL

09/1992 – 06/2008

Supervised Deputy Fire Marshal and Assistant Fire Marshal. Review new construction plans and inspect buildings to determine compliance with the Connecticut State Fire Safety Code. Investigated and or supervised investigation of fire scenes to determine origin and cause. Participated in fire suppression, rescue and hazardous materials incidents.

ACACIA INVESTIGATIONS *Kensington, CT*

09/2007 – 09/2008

FIRE INVESTIGATOR

S. D. LYONS INC. *Seekonk, MA*

05/2002 – 05/2004

AUTOMOTIVE FIRE INVESTIGATOR

LICENSES & CERTIFICATIONS

IAAI- Certified Fire Investigator Certificate # 49-042629
Pro Board-Certified Fire Investigator #1337104
NAFI- Certified Fire Explosion Investigator #8824
NAFI- Certified Vehicle Fire Investigator #3903V
State of CT Certified Fire Investigator
State of CT Certified Life Safety Code Inspector
State of CT Certified Hazardous Materials Operational
State of CT Certified Fire Service Instructor
State of CT Licensed Property/Casualty Adjuster

PROFESSIONAL ORGANIZATIONS

International Association of Arson Investigators (IAAI)
National Association of Fire Investigators (NAFI)
CT Chapter #49 (IAAI)
CT Fire Marshals Association

COMMITTEES

CT Chapter 49 IAAI Annual Training Seminar Speaker Selection Committee	2015
CT Chapter 49 IAAI Annual Training Seminar Speaker Selection Committee	2016
CT Chapter 49 IAAI Annual Training Seminar Speaker Selection Committee	2017
CT Chapter 49 IAAI Annual Training Seminar Speaker Selection Committee	2018
CT Chapter 49 IAAI Annual Training Seminar Speaker Selection Committee	2019

PROFESSIONAL OFFICES

Fire Lieutenant, Bristol Fire Department	2013- 2023
Fire Marshal, Town of Portland	2008- Present
CT Chapter 49 IAAI Awards Committee Chairman	2006- Present
CT Chapter 49 IAAI Board of Director	2010-2013
CT Chapter 49 IAAI 2 nd Vice President	2014-2015
CT Chapter 49 IAAI 1 st Vice President	2016-2017
CT Chapter 49 IAAI President	2018-2019

AWARDS

Salute to Connecticut's Bravest Award	2013
Portland Fire Department Salvatore Pitruzello Award	2015

CIVIL & CRIMINAL TESTIMONY RECORD

State of Connecticut Hartford- Deposition Carlton vs. BMW of N.A.	1/24/2006
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EDUCATION

<u>University of New Haven</u> , New Haven, Connecticut M.S. – Forensic Science	2000
<u>University of New Haven</u> , New Haven, Connecticut B.S. – Arson Investigation	1990

PROFESSIONAL DEVELOPMENT

Annual Arson Investigators Seminar; CT Chapter IAAI, Hartford, CT	1990
Fire & Arson Detection; National Fire Academy, Emmitsburg, MD	1993
Annual Arson Investigators Seminar; CT Chapter IAAI, Hartford, CT	1994
Electrical Fire Investigation and Fire Dynamics Seminar (Tested) CT Chapter IAAI	1995
Appliance Failure and Fires Seminar (Tested); MA Chapter IAAI, Hyannis, MA	1996
AGM & Training Conference (Tested); IAAI, Atlantic City, NJ	2001
1 st Annual Vehicle Fire Investigation School, Windsor Locks, CT	2001
Annual Arson Investigators Seminar; CT Chapter IAAI, Hartford, CT	2005
Annual Arson Investigators Seminar; CT Chapter IAAI, Hartford, CT	2008
Annual Arson Investigators Seminar; CT Chapter IAAI, Hartford, CT	2010
Annual Arson Investigators Seminar; CT Chapter IAAI, Hartford, CT	2011
Annual Arson Investigators Seminar; CT Chapter IAAI, Hartford, CT	2012
AGM & Training Conference; IAAI, Dover, DE	2012
Conference; CT Fire Marshal's Association	2013
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2013
Writing & Defending Your Expert Report (Tested); PATC Training, S. Windsor	2014
Conference; CT Fire Marshal's Association	2014
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2014
Fundamentals of Fire Investigation (Tested); AGM & Training Conference; IAAI, Chicago, IL	2015
Documenting the Event (Tested); CFITrainer.net	2015
Writing the Initial Origin & Cause Report (Tested); CFITrainer.net	2015
20 th Annual Advanced Fire Investigation School; Windsor Locks, CT	
Tested to meet requirements for IAAI Expert Testimony	2015
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2015
AGM & Training Conference; IAAI Orlando, FL	2016
Live Fire Burn Training; CT Chapter IAAI, Old Saybrook	2016
Annual Arson Investigators Seminar (Test); CT Chapter IAAI, Hartford, CT	2016
Alternative Fuel Vehicle Safety; NFPA East Hartford, CT	2017
AGM & Training Conference; IAAI Las Vegas, NV	2017
Digital Photography and the Fire Investigator (Tested); CFITrainer.net	2017
Basic Electricity (Tested); CFITrainer.net	2017
Introduction to Evidence (Tested); CFITrainer.net	2017
Residential Electrical Systems (Tested); CFITrainer.net	2017
Electrical Safety (Tested); CFITrainer.net	2017
Arc Mapping (Tested); CFITrainer.net	2017
Forensic Photography (Basic) [Tested]; IAAI, New Haven, CT	2017
Electrical Aspects of Fire Investigation (Tested); IAAI, Reading, PA	2017
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2017
AGM & Training Conference (Tested); IAAI Frisco, TX	2018
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2018

PROFESSIONAL DEVELOPMENT (cont.)

AGM & Training Conference (Tested); IAAI Jacksonville, FL	2019
Annual Training Conference (Tested); Oregon Chapter IAAI, Newport OR	2019
Annual Arson Investigators Seminar (Virtual) [Tested]; CT Chapter IAAI, Hartford, CT	2020
Spring Conference (Tested); NY IAAI, Saratoga Springs, NY	2021
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2021
Seminar (Tested); NY IAAI, Hicksville, NY	2022
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2022
Lithium-Ion Battery Fires (Tested); CFITrainer.net	2023
Photovoltaic Cells & Systems (Tested); CFITrainer.net	2023
CT IAAI Conference (Tested) Fuel Gas System Fires; Fire Pattern Analysis & Complex Inv	2023
Annual Arson Investigators Seminar (Tested); CT Chapter IAAI, Hartford, CT	2023
Fire Marshal's Certification (Continue Education) [Topics available upon request]	