



Richard J. Meier

IAAI-CFI, CFPS, MFireE, CFEI

Principal Expert,

Fire and Explosion Investigator and Analyst



CORPORATE OFFICES & LABORATORIES

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Richard J. Meier is the founder of Meier Fire Investigation, LLC. He is a full time fire and explosion investigator, analyst, researcher, author and teacher. He is a licensed private investigator and court qualified as an expert witness.

Prior to starting his own company, worked full time at John A. Kennedy and Associates, the world's oldest fire investigation company. He also spent 24 years as a design and manufacturing engineer designing, building, and trouble-shooting a wide range of products and equipment. Richard Meier served in the US Army in both Reserve and Active Duty. During all this time, he gained a broad and diverse knowledge of many subjects, which he now brings to bear in his fire and explosion work.

AREAS OF EXPERTISE

- Fire and Explosion Investigation, including Origin, Cause and Responsibility.
- Fire related Codes and Standards, including NFPA, ICC, State Statutes and Local Ordinances.
- Warnings, Labels and Instructions for a variety of Consumer and Industrial Products.

EDUCATION

Richard Meier holds a **Bachelor of Science, Mechanical Engineering Technology** from the University of Akron. He has taken additional college courses at the Universities of Maryland and Wisconsin.

LICENSING AND CERTIFICATIONS

Richard Meier has been licensed as a Private Investigator by the State of Florida, License No. C_1300627.

Richard Meier holds the following internationally recognized certifications:

- **Certified Fire Investigator (IAAI-CFI)**
- **Certified Fire and Explosion Investigator (CFEI)**
- **Fire Investigation Technical (IAAI-FIT)**
- **Certified Fire Investigation Instructor (CFII)**
- **Certified Fire Protection Specialist (CFPS)**
- **Certified Vehicle Fire Investigator (CVFI)**

FIRE SCIENCE AND ANALYSIS RESEARCH

Richard Meier is active in fire science research as it pertains to fire and explosion origin, cause, and responsibility analysis. He has conducted research and hundreds of case specific experiments and tests on many investigations. He maintains a fire science laboratory, and conducts and participates in laboratory experiments, field research projects and live burn exercises delving into the nature of fire development, fire and explosions.

WRITING, PUBLICATIONS AND PUBLIC SPEAKING

Richard Meier conducts and participates in live burn exercises, and conducts research into fire phenomena and material science as it relates to fire investigation. He has written articles and papers on various fire topics ranging from kitchen fires to lithium ion batteries to fire phenomena involving flammable liquids. His articles and papers have been published in various magazines and journals, and he has presented his research at international fire conferences.

TEACHING

Richard Meier has taught for the National Association of Fire Investigators (NAFI), International Association of Fire Investigators (IAFI), Fire Inspectors Association of Broward County (FIABC), Mississippi Defense Lawyers Association (MDLA), National Association of Subrogation Professionals (NASP), and National Aeronautics and Space Administration (NASA).

PROFESSIONAL ORGANIZATIONS

Richard Meier belongs to – and participates in – the following technical organizations:

National Association of Fire Investigators, International (NAFI)

Past positions: Instructor, Treasurer, Member of Board of Governors

- **International Association of Arson Investigators (IAAI)**
- **International Association of Fire Investigators (IAFI) – Member**

Past positions: Instructor

- **Florida Fire Marshals and Inspectors Association (FFMIA)**
- **National Fire Protection Association (NFPA)**

NFPA 901 – Standard Classifications for Incident Reporting and Fire Protection Data –
Principal Committee Member (Special Expert).

NFPA 921 – Guide for Fire and Explosion Investigation –

Tasks Group Member for Fire Patterns, Marine Fire Investigations, Heating Systems
Certified Fire Protection Specialist Board –
Certification Advisory Group.

Member of following Sections:

Fire Science Technology Educator; Research; Industrial Fire Protection Section; Education.

Past positions:

NFPA 1033 – Standard for Professional Qualifications for Fire Investigator, Technical Committee (alt.)

- **ASTM International (American Society for Testing & Materials)**
Member of: Committee E05 on Fire Standards, Committee E58 on Forensic Engineering Standards
- **National Academy of Forensic Engineers (NAFE)**
- **Institute of Fire Engineers, Member (IFE-M)**
- **International Association for Fire Safety Science (IAFSS)**
- **International Society of Explosives Engineers (ISEE)**
- **International Pyrotechnics Society (IPS)**
- **American Boat and Yacht Council (ABYC)**
Member of: Electrical Sub-Committee on 3-Phase Electrical Systems
- **Claims & Litigation Management Alliance (CLM)**
- **National Association of Subrogation Professionals (NASP)**
- **Society of Automotive Engineers, International (SAE)**
- **Society of Plastics Engineers, International (SPE), 1989 – 1996**

Please contact our office for a full, up to date CV.

March 13, 2019