



TECHNICAL FIRE
A N A L Y S I S

Post Office Box 449
Jim Thorpe, Pennsylvania, 18229
Office: (570) 732-4444
Email: david@technicalfireanalysis.com
Web: www.technicalfireanalysis.com

Education

University of Maryland, University College

Online – Fire Science curriculum towards a B.S Degree

Luzerne County Community College

A.A.S. Degree in Fire Science, May 2007 (Academic Honors)

Pennsylvania State Police Academy

Promoted to the rank of Trooper, July 1992

Lackawanna Junior Community College

Graduate – Act 120 Municipal Police Officer Training Class, 1990

Experience

1. January 2012 – Present: Technical Fire Analysis, LLC (Owner/Fire Investigator)

- Conduct fire origin & cause investigations for insurance companies, law firms, manufacturers
- Investigated in excess of 450 fires since inception of company

2. February 1992- January 2012: Pennsylvania State Police

Duties included the following assignments:

- Patrol Trooper (8 years)
- Forensic Services Unit (2 years)
- Assistant/Deputy Fire Marshal (5 years part time / 10 years full time)
- ❖ Investigation of over 800 fires since being assigned in 1995 as either the lead or secondary investigator.
- ❖ Over 1500 hours of Fire/Arson related training which includes courses at the National Fire Academy, Federal Law Enforcement Training Center, and numerous State and Local level courses.

- ❖ Involved in the preparation and ignition of approximately 100 training related fires that were used for education purposes at various classes I have been involved in as an instructor.
- ❖ Developed / co-developed and presented a number of training courses that focus on fire/arson investigation.
- ❖ Qualified as an expert witness in fire origin and cause determination in Carbon, Luzerne, Monroe County courts. Expert testimony was also offered at district court level in the same counties as well as civil depositions on 25+ occasions.

Professional Publications/Presentations

- Developer – *Hero to Zero – Firefighter Arsonist* program; Pennsylvania Association of Arson Investigators.
- Subject Matter Expert: 2010: United States Fire Administration – National Fire Academy: R205 Fire/Arson Program
- College Instructor: Fall 2010 Semester: Luzerne County Community College – Fire Science Program; Taught semester session on Fire Investigation (FST251)
- National Volunteer Firefighter Council (NVFC) – Committee member responsible for the development of a White Paper dealing with Firefighter Arson and how to combat it on a nationwide level.

Certified Fire Investigator

- Pennsylvania State Certified Fire Investigator, Certification #146 (OSFC)
- International Association of Arson Investigators, Certification # 29-067 (IAAI)
- Nationally Registered Fire Investigator, Certification # 51467 (NBFSBQ)
- National Association of Fire Investigators, Certification # 17922v (CVFI)

Certified Instructor

Pennsylvania State Fire Academy

- Pennsylvania State Certified Fire Instructor I, Certification # 820 (OSFC)
- Nationally Registered Fire Service Instructor I, Certification # 60484 (NBFSBQ)
- Pennsylvania State Certified Fire Instructor II, Certification # R201 (OSFC)
- Nationally Registered Fire Service Instructor II, Certification # 595143 (NBFSBQ)
- Former Adjunct Suppression Instructor – Pennsylvania State Fire Academy

National Fire Academy – Former Adjunct Instructor

- Fire and Arson Investigation
- Forensic Evidence Collection
- Fire Cause Determination for Company Officers

Bureau of Alcohol, Tobacco, Firearms & Explosives – Former Contract Instructor

- Fire/Arson Investigation (USFA-ATF)

Fire Service Certifications

- Firefighter I Pennsylvania Certification # 4291
National Certification # 50912
- Firefighter II Pennsylvania Certification # 1313
National Certification # 60409
- Fire Officer I Pennsylvania Certification # 521
National Certification # 185509
- Fire Inspector I Pennsylvania Certification # 003393 (expired)
National Certification # 230060

Memberships in Fraternal, Civic Clubs and Organizations

- International Association of Arson Investigators (IAAI)
- National Association of Fire Investigators (NAFI)
- Pennsylvania Association of Arson Investigators (PAAI) – Former member of Board of Directors
- National Association of Subrogation Professionals (NASP)
- National Fire Protection Association
- Firefighter (Retired) – Local Volunteer Fire Company

Miscellaneous

- Professional and personal references available upon request
- Training Addendum available upon request
- Fee schedule available upon request
- Licensed Private Investigator in Pennsylvania & New Jersey