



Curt Alvis

IAAI-CFI, CFEI, CVFI

Senior Fire Consultant

Department

Fire & Explosion Investigation

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Locations

Washington, DC
Richmond, VA
Baltimore, MD

Biography

Curt Alvis brings 43 years of extensive experience in public safety services and law enforcement, including 33 years dedicated to fire and explosion investigations in both the private and public sectors. He has conducted and supervised investigations into a wide range of incidents, including residential, commercial, industrial, and vehicular fires and explosions, addressing cases involving multiple fatalities, major explosions, serial arsonists, insurance fraud, complex subrogation, and incidents with multimillion-dollar losses. Curt has served as an expert witness in state and federal court proceedings, where he has been qualified on numerous occasions in matters related to fire and explosion origin and cause investigations.

Credentials

- IAAI-CFI | Certified Fire Investigator, International Association of Arson Investigators
- CFEI | Certified Fire Explosion Investigator, National Association of Fire Investigators
- CVFI | Certified Vehicle Fire Investigator, National Association of Fire Investigators
- Certified Fire Investigator National Board on Fire Service Professional Qualifications
- ICS 100, 200, 300, 400 Certification, Federal Emergency Management Administration, Emergency Management Institute
- IS 700, 800 Certification, Federal Emergency Management Administration, Emergency Management Institute
- NFPA 1033, Certified Fire Investigator II Commonwealth of Virginia
- NFPA 1021, Certified Fire Officer II, National Fire Protection Association Standard
- NFPA 1041, Certified Fire Instructor III, National Fire Protection Association Standard
- NFPA 1031, Certified Fire Inspector II, National Fire Protection Association Standard
- NFPA 472, Certified Hazardous Materials Emergency Response - Incident Commander
- NFPA 472, Certified Hazardous Materials Emergency Response - Operations
- NFPA 472, Certified Hazardous Materials Emergency Response - Awareness

Representative Consulting Assignments

- Ft. Detrick Biological and Chemical Warfare Research Laboratory Fire | Frederick, Maryland | Complex Fire Investigation
- Natural Gas Explosion | Winchester, Virginia | Explosion Damage

Professional Experience

- 2024 - Current | Senior Fire Consultant | YA Group
- 2023 - 2024 | Principal Fire & Explosion Consultant | Envista Forensics
- 2019 - 2023 | Senior Investigator III - Fire & Explosion Investigations | J.S.

Held LLC

- 2012 - 2019 | Senior Fire Investigator - Service Line Principal of Fire Sciences | EFI Global, Inc.
- 2004 - 2012 | Senior Special Investigator - Fire | Nationwide Insurance Company
- 2000 - 2004 | Fire Investigator | Charnock Investigative Services
- 1991 - 2000 | Chief Fire Marshal | Stafford County, Virginia Fire and Rescue Department
- 1984 - 1988 | Fire Sergeant | Ft. Belvoir Fire Department
- 1981 - 1984 | Deputy Sheriff | Stafford County Office of the Sheriff

Area of Practice

- Fire Origin & Cause

Training Courses

- Explosive Investigations Techniques Course #99-00 - Bureau of Alcohol, Tobacco and Firearms - Federal Law Enforcement Training Center - Glynco, Georgia

Affiliations

- International Association of Arson Investigators
- National Board on Fire Service Professional Qualifications
- National Association of Fire Investigators