



Randolph J. Harris C.F.E.I., C.V.F.I.
Fire, Explosion and Carbon Monoxide Expert

- Certified Fire and Explosion Investigator (C.F.E.I.)
- Certified Vehicle Fire Investigator (C.V.F.I.)
- Certified Propane Handler

B.S. Chemical Engineering - State University of New York at Buffalo
Graduate Studies in Materials Science - University of Utah

Mr. Harris is a nationally recognized expert in fire forensics.

He takes care of all aspects of the case, ensuring that his conclusions are coherent and bulletproof.

- Mr. Harris handles the on-site investigation, laboratory testing and analysis, fire modeling, development of courtroom exhibits, depositions, and legal testimony.
- His extensive experience ensures that the correct data is collected, and all leads are followed.
- He knows the critical questions to ask in a deposition.

He enjoys summarizing complicated cases into a simplified explanation and excels at proving his conclusions in court.

EXPERIENCE

2019-Present: Harris Fire Forensics - Principal

Independent Consultant for Fire, Explosion, and Carbon Monoxide Investigations.

- Comprehensive Investigation Services, from on-site investigation to courtroom testimony.
- Expert Opinion of the evidence on hand, often useful in insurance subrogation and court claims.
- Expert Witness, including depositions, legal testimony and consultation. Wins in court.

1985-June 2019: Fay Engineering Corp. - Fire Reconstructionist for 35 years

Specialized in origin and cause determination and all aspects of fire, arson, explosion, and carbon monoxide poisoning incidents.

**Mr. Harris Delivers
The Bulletproof Truth**

- 35 Years of Experience
- 92 Court Appearances as an Expert Witness
- 95% of court proceedings agreed with Mr. Harris' findings.
- 3,000+ Investigations
 - 100 Carbon Monoxide
- 50,000 billed hours of Forensic Engineering
- 100's of satisfied clients

- Analyzed *hundreds* of propane and natural gas explosions, including oil/gas well sites and refineries.
- Investigated *thousands* of building fires, house fires, and vehicle fires.
- Conducted laboratory testing and analysis on all types of equipment, including; furnaces, boilers, water heaters, grills, space heaters, gas control valves, regulators, carbon monoxide detectors, smoke detectors, propane cylinders, tanks, valves, electrical appliances, solid fuel burners, flues, absorption refrigerators, dishwashers and other equipment.
- Investigated failures in fire detection and suppression systems, and chemical-related accidents.
- Led fire modeling and development of simulations and animations.
- Taught over 100 Fire Seminars.
- Gave Legal Testimony over 220 times, 92 as an Expert Witness in court.

Contact: Harris Fire Forensics

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Randolph J. Harris, continued

PROFESSIONAL AFFILIATIONS

- National Fire Protection Association (NFPA)
- National Association of Fire Investigators (NAFI)
- International Association of Arson Investigators (Colorado Chapter and International)

SPECIALIZED TRAINING – over 800 hours

- Gas and Electric Appliance Fire and Investigation Seminar, Fire Findings, 2018
- Fireplace and Chimney Inspection Seminar, Fire Service, **Certified Chimney Inspector (CCI)**, 2015
- National Association of Fire Investigators, **Certified Vehicle Fire Investigator (CVFI)**, 2011
- Fire and Casualty Seminar, Defense Research Institute, 2005 and 2007
- National Seminar on Fire Analysis Litigation, National Association of Fire Investigators, 2005
- Investigation of Vehicle Fires Seminar, Lee S. Cole and Associates, 2000
- World Safety Congress and Exposition, National Fire Protection Association, 1998
- Propane- Basic Principles and Practices, NPGA &PERC, **Certified Propane Handler (CPH)**, 1998
- Propane- Inspecting, Requalifying, Filling, and Transporting Small Propane Containers, PERC, 1998
- Interviewing and Interrogation Techniques, Stan Walters, 1998
- NFPA-921 Training Seminar, National Fire Protection Assoc. & Aurora Fire/Rescue, **Certified Fire and Explosion Investigator (CFEI)**, 1997
- Gas and Electric Appliance Fire and Investigation Seminar, Barker & Herbert Analytical Lab., 1995
- Rocky Mountain Region Advanced Fire, Arson and Explosion Investigation Training Program, 1995
- Heating Equipment Service Seminar, Rheem Manufacturing, 1994
- Technical Fundamentals for the Fire Investigator, University of Wisconsin, 1990
- Fire and Arson Investigators Seminar (2 days of Field Work), MAIA, 1987
- Fire and Arson Investigators Seminar, MAIA, 1986
- Advanced Arson Seminar, Denver Fire Department, 1986
- Fire Investigators Training Course, National Fire Protection Association, 1985

Additional College Courses:

- Fire Science, Red Rocks Community College
- Fire/Arson Investigation, Red Rocks Community College
- Chemistry of Arson and Explosives, Metro State College

ARTICLES

- Truck Fires- Top Ten Causes March, 2017
- Carbon Monoxide – The Silent Killer September, 2014

MEDIA APPEARANCES

- Expert insight: Interview regarding building explosion in Denver, KDVR TV. August 15, 2018

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Resume, Rates and Recent Testimony

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Harris Fire Forensics Billing Rates 2019

Expert Opinion Preliminary assessment of the evidence at hand		Small case: \$1500 fixed price Large case: \$2500 fixed price
Investigation On-site Investigation, lab exam and analysis		\$250/hour
Consultation Case review and advisory services		\$250/hour
Expert Testimony Courtroom & Deposition		\$400/hour
Travel Expenses (air/car/hotel)		At cost

Recent Legal Testimony

Date	Action No	Location	Title	Trial or Deposition
05/12/15	Doc. CI 12 No. 8214	The District Court of Douglas County, Nebraska	All Points Cooperative and Nationwide Agribusiness Insurance Company, vs. Frisbie Construction Co., Inc.; ABB, Ltd. d/b/a Baldor Electric Company; ABB, Inc. d/b/a/ Baldor Electric Co.; Baldor Electric Co. f/n/a and or a/k/a and or d/b/a Dodge, Moeller Electric, Boone Cable Works & Electronics, Inc. d/b/a Rolfes@Boone and d/b/a The Hot Spot and d/b/a The Rolfes Company, Intersystems, Inc., Enduro Systems, Inc. d/b/a Intersystems, Hayes & Stolz Ind. Mfg. Co., and KASA Industrial Controls, Inc.	Depo
12/03/15	Case No. CV-2014-314	District Court, State of Wyoming, County of Sheridan, Fourth Judicial District	Mountain West Farm Bureau Mutual Insurance Company vs. Cosner Construction Company, a Wyoming Corporation	Trial
08/07/17	Case No. 2016CV031417	District Court, Adams County, State of Colorado, Division C	YESENIA GONZLEZ, MARIA DEL GONZALEZ, and VALERIANO GONZALEZ, Plaintiffs, v. JOHN HEREDIA and MR. COOL HEATING AND COOLING, Defendants	Depo
11/20/17	Case No. BCV-15-100152	Superior Court of the State of California, County of Kern	Singh v. Northwest Carrier Logistics	Depo
12/04/17	Case No. BCV-15-100152	Superior Court of the State of California, County of Kern	Singh v. Northwest Carrier Logistics	Trial
10/03/18	Case No. 2016CV031417	District Court, Adams County, State of Colorado, Division C	YSENIA GONAZLEZ, MARIA DEL GONAZLEZ and VALERIANO GONZALEZ, Plaintiffs, v. JOHN HEREDIA and MR. COOL HEATING AND COOLING, Defendants	Trial
01/31/19	Case No. 1:17-CV-11436	United States District Court Eastern District of Michigan	RANDALL GUINN, Plaintiff, vs. PRAXAIR INC.; FIBA TECHNOLOGIES, INC.; FIKE CORPORATION; and CHART INC., Defendants	Depo
04/24/19	Case No. 1631-CC01387	Circuit Court of Greene County, Missouri	James Sell, et al., Plaintiffs, vs. QUALITY TRANSPORTATION, et al., Defendants	Depo

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