

Freeman Fire Inspectors, Ltd.

Chimney & Hearth Appliance Inspection. Fire Investigation. Consulting.



NAME: **Daniel A. Freeman, IAAI-FIT®**
President, Freeman Fire Inspectors, Ltd.
President, The Chimney Doctor, Ltd.
President, Inspection Fire LLC
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EDUCATION: Mesa Community College. Mesa, AZ, 08/2001-5/2007

- Associates of Arts in General Business
- Some courses at Chandler/Gilbert Community College, Gilbert, AZ 08/2001-05/2003

University of Phoenix, Phoenix, AZ 11/2006-5/2008
Western Governors University, Salt Lake City, Utah

- Bachelor of Science in Marketing Management, 6/2009
- Masters of Business Administration, 6/2010

CERTIFICATIONS, PROFESSIONAL AFFILIATIONS, & LICENSES:

International Association of Arson Investigators (IAAI) Member #1408251
Fire Investigation Technician (IAAI-FIT) 10/27/2021-10/27/2024

National Association of Fire Investigators (NAFI) Member #26681
02/12/2022-02/12/2025

Fireplace Investigation, Research & Education Service (F.I.R.E. Service)
F.I.R.E. Certified Fireplace & Chimney Inspector FCI-338, 8/28/2021-8/28/2024

Hearth Patio & Barbeque Association, Rocky Mountain Affiliate Member #132227
National Fireplace Institute (NFI) Member #175637
NFI Certified Instructor 5/2021-Present
NFI Certified Master Hearth Professional #175637 3/11/2019-12/31/2024
NFI Certified Pellet Specialist 3/11/2019-12/31/2024
NFI Certified Gas Specialist 8/17/2018-12/31/2024
NFI Certified Woodburning Specialist 8/16/2018-12/31/2024

National Chimney Sweep Guild (NCSG)
Honorary Master Chimney Professional - 6/1/2023-11/30/2024
Certified Master Chimney Technician #225 - 7/31/2021-7/31/2023
Certified Chimney Professional #583 - 4/25/2018-4/24/2020, 10/2020-10/2022
Certified Chimney Reliner #104 - 4/26/2018-4/25/2020, 10/2020-10/2022
**CCP & CCR could not be renewed in 2022 as I helped write the new exam/certification*

Chimney Safety Institute of America (CSIA)
CSIA Certified Chimney Specialist #41 - 5/17/2021-3/31/2026
CSIA Certified Chimney Sweep #9430 - 3/31/2017-3/31/2026
Certified Dryer Exhaust Technician (C-DET) #1137 - 5/2018-5/2024

International Code Council (ICC) Member #9688396
ICC Certified Residential Mechanical Inspector (M-1) - 5/25/21-05/24/2027



ICC G29 Master Mechanical Exam 11/14/2022
ICC G12 General Contractor Class B Exam 10/9/2021

Heatshield / SaverSystems

Heatshield Certified Installer - 11/06/2017-Present (Last Refresher 06/29/2020)

Contractor Licenses

Utah General Building Contractor (B100) #11686508-5501 03/25/2020-11/30/2025

Federal Aviation Administration

Remote Pilot #4923515 11/17/2023-11/30/2025

POSSESSION OF THIS RESUME SHOWS THAT NO CONTRACT OF ENGAGEMENT EXISTS



BACKGROUND & EXPERIENCE:

01/2021-Present: Copperfield Academy, Copperfield Chimney Supply - Instructor

Began instructing for Copperfield officially in 2021 as an instructor teaching technical courses.

01/2021-Present: Inspection Fire LLC - President, Lead Designer

Development of chimney inspection forms, software, and chimney camera inspection kits to aid professional sweeps and inspectors in presenting their findings and services in more professional ways. The associated app will aid sweeps, inspectors, and installers to follow and more easily adhere to proper protocols and professional job performance standards.

03/2020-Present: Freeman Fire Inspectors Ltd - President, Investigator, Instructor, Consultant

Teaching business and technical courses in the chimney and hearth industry, and beginning to consult with other companies and individuals regarding their businesses and their respective inspection, repair, and installation methodologies, processes, and procedures. To date instructed at events for Copperfield Chimney Supply, the National Chimney Sweep Guild (NCSG), and the Chimney Safety Institute of America (CSIA). Additionally conducting fire and loss investigations or NFPA style inspections following losses for contractors or insurance companies upon request. Expert witness and consulting work.

06/2016-Present: The Chimney Doctor Ltd - President, Chief Operations Officer, Inspector

Specializing as inspectors The Chimney Doctor and its employees focus on chimney and appliance inspection, service, sweeping, repair, and installation of heat-producing devices and their chimneys. Continuing education is at the core of who we are and what we do.

October 2013-June 2016 Clean Sweep Chimney Services

Swept chimneys, installed fireplaces, inserts, liners, etc... as an apprentice and was introduced into the chimney and hearth industry.

PROFESSIONAL ACTIVITIES:

NFPA Committee Member for NFPA 211: Chimneys, Fireplace, and Venting Systems for Heat Producing Appliances - 8/23/2023-Present

Officially appointed as a member of the committee on 8/23/2023

UL/ULC Standards Technical Committee Member (STP0103) - 2/11/2022-Present

Officially appointed as a member of the STC on 2/11/2022 and then appointed as the NCSG official representative to this committee on 2/10/2024 regarding:

- **UL103** - Factory-Built Chimneys for Residential Type and Building Heating Appliances
- **UL441** - Gas Vents
- **UL641** - Type L Low-Temperature Venting Systems
- **UL959** - Medium Heat Appliance Factory-Built Chimneys
- **UL1738** - Venting Systems for Gas Burning Appliances, Categories II, III, IV
- **UL1777** - Chimney Liners
- **UL2112** - Outline of Investigation for Venting Systems for Use with Gas-Fired Direct Vent Appliances
- **UL2561** - 1400 Degree Fahrenheit Factory-Built Chimneys

UL/ULC Standards Technical Committee Member (STP0127) - 11/17/2021-Present

Originally I was asked to participate (not as an official member) and provide perspective on the sub-task group in 8/2021 in the exploration of creating new listings regarding the installation of inserts into masonry fireplaces and factory-built fireplaces and chimneys. This relates specifically to the development of UL1390 and UL1391. Officially accepted as a member of the STC on 11/17/2021 and then appointed as the NCSG official representative to this committee on 2/10/2024 regarding:

- **UL127** - Factory-Built Fireplaces
- **UL737** - Safety Fireplace Stoves
- **UL907** - Fireplace Accessories
- **UL1482** - Solid-Fuel Type Room Heaters
- **UL1618** - Wall Protectors, Floor Protectors, and Hearth Extensions
- **UL2115** - Processed Solid-Fuel Firelogs and Firestarters
- **UL2162** - Commercial Wood-Fired Backing Ovens - Refractory Type
- As of today still under Development:
 - **UL1390**-Solid-Fuel Inserts for Installation into Masonry Fireplaces
 - **UL1391**-Solid-Fuel Inserts for Installation into Factory-Built Fireplaces

Solid Fuel Insert Research Task Force Member - 4/1/2021-Present

Organized a 10-member task force to explore the installation of solid-fuel inserts into factory-built fireplaces and compose an authoritative white paper on the topic. Met quarterly. Grants and funding may be sought to pursue live testing. Other members of the task force include Bill Ryan, Dale Feb, David Steward, Eron Armour, Jacob Feb, Genevieve Bures, Michael Segerstrom, Thom Heller, and Zigi Godomski (Canada).

Copperfield Academy

Worked as a subject matter expert in the development of various dockets, SOPs, and checklists to be used during the function of work completed by professionals in the field.

- 09/21-09/22/2023 - Participated in a docket designed to outline and detail the specific steps with the processes of **Chimney Relining** and **Professional Fireplace Replacement**. A total 6 subject matter experts were selected, including Bill Ryan, Michael Segerstrom, Eron Armour, Omie Johnson, Jim Walling, and myself.
- 11/06-11/07/2022 - Participated in a docket designed to outline and detail the specific steps within the processes of **Sweeping and Level I inspections**. A total 7 subject matter experts were selected, including Bill Ryan, Michael Segerstom, Eron Armour, Omie Johnson, Rick and Terri Pocock, and myself.
- 03/15-03/16/2021 - Participated in a docket designed to outline and detail the specific steps and checklists required to meet the requirements of a **Level II Inspection** as specified in the NFPA211. A total of 4 subject matter experts were present, including Bill Ryan, Michael Segerston, Eron Armour, and myself.

NCSG ANSI Accredited Certification

Item Writing - Subject Matter Expert

One of 17 subject matter experts selected to participate in reviewing, editing, adjusting, and adapting every question in the test bank for the assigned certifications. We will spend 2 days together before the 2024 NCSG Convention in Orlando, FL.
3/18/2024-3/19/2024

Standard Setting - Subject Matter Expert

One of 6 subject matter experts selected to participate in reviewing, editing, adjusting, and adapting every question in the test bank for the assigned certifications. We spent 2 days together before the 2022 NCSG Chimney Expo in King of Prussia, PA, and then continued our assignments individually at home through 9/23/2022.
8/9/2022-8/10/2022

Job Task Analysis - Subject Matter Expert

One of 15 subject matter experts selected to participate in a nationwide Job Task Analysis to draft and finalize the certification program schemes (minimum qualifications, recertification timelines, and requirements), as well as draft and update content areas (job tasks and knowledge required for the job roles) that will serve as the basis for the 1) Certified Chimney Professional, 2) Certified Chimney Reliner, and 3) Certified Chimney Journeyman. Chicago, 8/30/2021-9/2/2021

NCSG Events Committee / Speaker Selection Committee

Volunteered for the Event Committee leading into the 2022 events and was asked to serve on the Speaker Selection Sub-Committee. 2022-Present

LECTURES TAUGHT:

Copperfield Academy

“Professional Chimney Sweeping” was a live class including 6.5 hours of classroom instruction.

Included training on sweeping history, need for sweeping, taking calls and setting expectations, client interactions, protecting the home, soot control, technician safety, sweeping methods: push, pull, or spin, rods and brushes, optimal sweep head usage, inspection of the system, and customer wrap-up.

- 2024/04/24 - Grand Junction, CO (scheduled)
- 2023/05/24 - Golden, CO

“Professional Factory Built Fireplace Replacement” was a live class including 10 hours of classroom instruction and 6 hours of hands-on training. Course covered understanding the need for replacement, aftermarket vs OEM parts, benefits of a replacement, replacement appliances, other contractor logistics, pricing and estimating to include all requirements, the importance of addressing concealed construction defects, understanding the nuances of codes, standards, and installation instructions, tools and supplies, framing basics, fireplace removal, chase preparation, installing the new unit, finishing materials, and final wrap-up with the client.

- 2024/07/05-06 - TBD, NE (scheduled)
- 2024/06/24-25 - TBD, CO (scheduled)
- 2023/02/23-24 - Albuquerque, NM
- 2023/01/26-27 - Topeka, KS

“Factory Built Fireplace Change Outs / Hands-On Rip & Replace Training” was a live class including 12 hours of classroom instruction and 4 hours of hands-on training. Course covered understanding the need for replacement, aftermarket vs OEM parts, benefits of a replacement, replacement appliances, other contractor logistics, pricing and estimating to include all requirements, the importance of addressing concealed construction defects, understanding the nuances of codes, standards, and installation instructions, tools and supplies, framing basics, fireplace removal, chase preparation, installing the new unit, finishing materials, and final wrap-up with the client.

- 2022/02/22-23 - Colorado Springs, CO
- 2022/02/02-03 - Golden, CO
- 2022/01/19-20 - Sonora, CA

“Hands-On Chimney Relining Workshop” was a live class including 4 hours of classroom instruction and 4 hours of hands-on training. Knowing when and how to reline a chimney and understanding the circumstances when relining is not an option. Copperfield Academy. Copperfield Chimney Supply.

- 2024/04/25 - Grand Junction, CO (scheduled)
- 2023/05/25 - Golden, CO
- 2022/05/26 - Albuquerque, NM
- 2022/05/20 - Golden, CO
- 2021/04 - Skiatook, OK

- 2021/04 - Greeley, CO

“Managing & Performing Complex Inspections” was a live class including 2 hours of classroom instruction. Topics covered included how to handle inspection requests for HOA’s, condos, apartment buildings, and complexes where multiple systems are being inspected, handling inspection requests, preliminary legwork (before the job but after the acceptance), performing the job, reporting options, pricing, providing estimates, etc...

- 2022/07/28-29 - Tulsa, OK
- 2022/07-25-26 - Golden, CO
- 2022/07/20-21 - Manchester, NH
- 2022/07/14-15 - Scranton, PA

“NFI Gas Review” was a live class including 8 hours of classroom instruction.

- 2022/04/13 - Golden, CO

“Sweep & Scan” also called **“Professional Chimney Sweeping”** was a live class including 8 hours of classroom instruction. Included training on why a camera system is a must have, sweeping history, push, pull, or spin, rods and brushes, understanding top cameras with side-by-side comparison, optimal sweep head usage, pellet and dryer paraphernalia, operational safety, and data management.

- 2022/04/21 - Tigard, OR
- 2022/04/27 - Sonora, CA
- 2022/04/29 - Mission Viejo, CA

National Chimney Sweep Guild

“UL 1390 and UL 1391 Insert Update” explores the new and proposed UL standards for the installation of solid-fuel inserts and hearth-mounted stoves into masonry and factory-built fireplaces and helps attendees understand the newly proposed UL 1390 Masonry Fireplace Insert Standard and UL 1391 Factory Built Fireplace Insert Standard and how to navigate forward into the future.. 1.5 hours. 3/29/2024 (scheduled)

“The Science of Thermal Decomposition Surrounding Chimneys and Heat Producing Devices (aka Pyrolysis)” was a live course exploring the science of a phenomenon our industry calls Pyrolysis. Our industry uses it improperly to encompass the degradation and fires that result from the low temperature, long-term exposure of wood to an external heat source. The purpose of the course was to teach proper scientific theory and the actual combustion pathway related to the low-temperature long-term heating of wood and other combustible materials while also dispelling myths about the process and how it occurs. This class was reviewed slide by slide with Vyto Babrauskas before presenting to assure scientific accuracy. NCSG Convention, Mohegan Sun, Uncasville, CT. 1.5 Hours. CEUs = CSIA .75 Technical, .75 Codes & Standards, NFI 1.5 Safety, Health & Liability.

- 3/29/2024 - NCSG Convention (scheduled)
- 3/21/2023 - NCSG Convention

“Issues Relining Does Not Fix” was a live course detailing 55 issues that relining does not address or fix by itself. The purpose of this course was to give inspectors and technicians a

perspective of the system outside of the relined chimney. NCSG Convention, Mohegan Sun, Uncasville, CT. 1.5 Hours. CEUs = CSIA .75 Technical, .75 Codes & Standards, NFI 1.5 Safety, Health & Liability. 3/30/2023

“Establishing Authority through Branding & Benefiting from Niche Markets” was a virtual course helping participants understand branding, business authority, niche marketing, value as the customer perceives it, and how to set and exceed customer expectations through branding and marketing. National Chimney Sweep Guild Convention (2021). Virtual. 1.5 Hours. CEUs = CSIA 1.5 Business, NFI 1.5 Elective. 6/14/2021

Chimney Safety Institute of America

“Firestops & Fireblocking” was a live course detailing the history and evolution of fireblocking in the codes and teaching current residential fireblocking requirements. CSIA Homecoming Conference. Chimney Safety Institute of America. Indianapolis, IN. 1.5 Hours. CEUs = CSIA 1.5 Technical, NFI 1.5 Technical. 8/19/2021

“Issues Relining Does Not Fix” was a live course detailing over 50 issues that relining does not address or fix by itself. The purpose of this course was to give inspectors and technicians a perspective of the system outside of the relined chimney. CSIA Homecoming Conference. Chimney Safety Institute of America. Indianapolis, IN. 1.5 Hours. CEUs = CSIA .75 Technical, .75 Codes & Standards, NFI 1.5 Safety, Health & Liability. 8/19/2021

Hearth Patio & Barbeque Association

“Understanding Pyrolysis and Appliance Testing” explores the reasons we perform testing, some of the science behind pyrolysis, what is known and unknown, and the factors that can lead to ignition. We will explore some of the testing processes inherent under the UL standards to help better understand why appliances and chimneys are tested as they are and why following the instructions and listing requirements matters so much. 3 hours. 6/13/2024 (scheduled)

“Appliance Installation and Limiting Liability” is a live course discussing the liability associated with installing appliances, especially when other trades and contractors become involved. It explores examples of installers gone wrong and how to ensure proper installation limit liability as a result. SOPs, photo documentation, and extreme ownership principles will be discussed. 3 hours. 6/13/2024 (scheduled)

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“Inserts in Fireplaces and Issues Relining Does Not Address” was a 4-hour live course delivered via Zoom discussing the current state of the development process associated with the newly proposed insert listings/standards, review of information associated with the installation of inserts into factory-built fireplaces, the effect of aftermarket components in factory-built fireplaces, a presentation on issues that relining masonry systems does not address that should be considered when performing inspections and writing estimates. Chimney Savers, Randolph, VT. 6/3/2022

PUBLICATIONS / CONTRIBUTIONS

“UL1390 Updates: Standard for Solid-Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Masonry Fireplaces” was included in the November 2023 edition of *Sweeping*.

“UL1391 Updates: Standard for Solid-Fuel Fireplace Inserts and Hearth-Mounted Stoves for Installation into Factory-Built Fireplaces” was included in the November 2023 edition of *Sweeping*.

“Current Issues with Solid-Fuel Inserts in Factory Built Fireplaces and Chimneys” was written by Daniel and endorsed by Bill Ryan and Mike Segerstrom for a 2021 meeting of the STP127/S600E UL Task Group on Solid Fueled Space Heaters scheduled to take place on 8/26/2021. This original 17-page document details the real-life code, performance, and installation issues, questions and unknowns as they currently exist with the installation of inserts into factory-built systems. Submitted to John Wade and Isabella Brodzinski at UL on 8/26/2021 and later as an attachment to an official ballot for the STP 0127 in early 2022.

“Why Accreditation and What’s Next” was written following the meeting of the 2021 NCSG Job Task Analysis Group in August of 2021 in *Sweeping: Journal of Chimney and Venting Technology*. It details the important points of the meeting that took place, why accreditation matters, and what benefits exist as a result of the accreditation process. Published in the October 2021 edition.

PROFESSIONAL COURSES, SEMINARS, AND TRAINING ATTENDED AS A STUDENT:

F.I.R.E. Associates (Fireplace, Investigation, Research & Education)

FCI-01 F.I.R.E. Certified Inspector Course is a 16 hour tested training course that covers the history of the fireplace inspection industry, professional requirements, liability, forensic evaluation and report writing, understanding fire technology, understanding the operation of the fireplace, recognizing the fireplace, general fireplace requirements, masonry fireplace structure, masonry fireplace and firebox components, masonry chimney components, and masonry flues, Dale Feb, F.I.R.E. Service, CSIA 7.25 Technical, 1.0 Codes/Standards, .75 Communication/Liability, .75 Health/Safety, 1.5 Business, NFI 12 Technical, Moorepark, CA, 08/23/2021-08/24/2021

FCI-02 F.I.R.E. Certified Inspector Course is a 16 hour tested training course that covers material on metal factory built fireplaces, precast fireplaces, cast in-place fireplaces, prefabricated fireplace forms, masonry fireplace with a listed metal chimneys, wood stoves, gas burning appliances and decorative gas logs, finishing materials, lining systems, and marketing your business, Dale Feb, F.I.R.E. Service, CSIA 7.25 Technical, 1.0 Codes/Standards, .75 Communication/Liability, .75 Health/Safety, 1.5 Business, NFI 12 Technical, Moorepark, CA, 08/25/2021-08/26/2021

FCI-03 F.I.R.E. Certified Inspector Course is a 16 hour tested training course that covers code and manufacturer requirements, working with the professional, beginning the investigation, condo inspections, evaluation and repair, reinstallation of components, fuel information, and certification testing, Dale Feb, F.I.R.E. Service, CSIA 7.25 Technical, 1.0 Codes/Standards, .75 Communication/Liability, .75 Health/Safety, 1.5 Business, NFI 12 Technical, Moorepark, CA, 08/27/2021-08/28/2021

International Code Council (ICC)

2023 Changes to the NEC Electrical Code was a live event including 8 hours of instruction covering new changes to the 2023 electrical code. 05/12/2023

2021 International Building Code Update was a live event including 7 hours of instruction. 0.7 ICC CEU's and covered changes in the 2021 IBC. 02/01/2023

2021 International Residential Code Update was a live event including 7 hours of instruction. 0.7 ICC CEU's and covered changes in the 2021 IRC. 01/31/2023

Firestopping Certificate of Learning Achievement (CLA) - Part 1 - (8) International Code Council (ICC) - 04/21/2021

International Association of Arson Investigators (IAAI)

190 hours of tested training, various dates, includes testing for online and in-person events

IAAI Regional / Live Training

CIAAI Colorado Chapter Annual Training Conference 2023 - "Advanced Track"

Internet of Things, Lithium-ion Batteries, Appliances. Cameron Novak, ATF Electrical Engineer. 8 hours. 11/01/2023

Fire Dynamics. James Lord. 4.25 hours. 11/02/2023

Caring for and Interviewing Traumatized Victims and Witnesses. Daniel Andrew's & Adam Golden, Denver PD Detectives. 3.25 hours. 11/02/2023

Fire Scene Photography. Scott Renter. 4 hours. 11/03/2023

Obtaining Digital Records. Ryan McKone, ATF Special Agent. 4 hours. 11/3/2023

3-Day Advanced Fire Investigation - Denver, CO - 5/1-3/23

Effective Expert Witness Testimony was a live event that was part of a 3-day Advanced Fire Investigation seminar put on by the CIAAI in 2023. It explored qualifying as an expert witness, understanding your opposition, practical delivery of your case in both direct and cross examinations, and sample questions and answers. Instructor: Leif Skulborstad. Denver, CO. 5/3/2023

Fatal Fire Investigations: How the Human Body Burns & What Is Left for Fire Investigators At the Fatal Fire Scene was a live event that was part of a 3-day Advanced Fire Investigation seminar put on by the CIAAI in 2023. It explored common myths and misconceptions, fire damage to upper and lower body and extremities, effects of burning with ignitable liquids, effects of fire suppression on burned bodies, fires and burn patterns, and fire scene investigations. Instructor: Elayne Pope. Denver, CO. 5/2/2023

Psychological Profiles & Motives of the Fire Setter was a live event that was part of a 3-day Advanced Fire Investigation seminar put on by the CIAAI in 2023. It explored the history of arson, theories of human behavior, criminal motivations and crime patterns, profiling overviews, psychological subtypes, NLP, RPM, and recidivism. Instructor: Laura Billon. Denver, CO. 5/1/2023

CIAAI Colorado Chapter Annual Training Conference 2021 - “Basic Track” was a live event suitable for those pursuing fire investigation training or those involved in the investigation or evidence collection at fire scenes. Course is based on the 2021 edition of NFPA 921 and provides the basis for professional qualifications as outlined in the NFPA 1033. Basic Track. 24 hour training. Instructors: George Coddling, Sue Cullen, Jeff Webb, Leif Skulborstad, Dana Greely, Bryan Kempa. 10/27/2021-10/29/2021

IAAI Phoenix Regional Training

“What's My Fuel and What's My Ignition Source” explored low energy ignition sources (like low-wattage electric lamps, electronic devices, batteries, smoldering cigarettes, hot surfaces, and hot particles) and first fuels potentially ignited, physical and chemical properties, susceptibility to various ignition sources. Presented visual and tactile observations, aided by simple field ignition tests, that combined, can make it possible to classify a wide variety of common fuels (upholstery, fabrics, dusts, and some ignitable liquids) to enable accurate determination of the ignition potential by various heat sources. 4 hours tested training. IAAI Regional Training. John D. Deehan. Phoenix, AZ. IAAI Phoenix 6/16/2021

“Case Study in Framing and Fraud: How Spoofing and Masking Technologies Were Used to Frame an Innocent Mother and Perpetuate an Arson Fraud” presents a unique arson fire in the Cincinnati area where an unprecedented level of spoofing and masking technologies were used by an insured to frame the mother of one of his children. This presentation touched upon new technologies available to fraudsters, including custom made, wearable masks from facial recognition technology, the use of SpoofCard and spoofing-type programs to conceal communications and frame others for communications they never participated in, the use of fake Google and Facebook profiles to commit crimes and communicate undetected with co-conspirators – and how to identify and discover these materials in arson investigations. 4 hours tested training. IAAI Regional Training. Zach McCune. Phoenix, AZ. 06/16/2021

“Electrical Fire Causation” explored electrical fire causation issues resulting from current, resistance, voltage, overcurrent, serial arcing vs parallel arcing, high resistance connections,

etc... IAAI Regional Training. Jack Sanderson. Phoenix, AZ. 8 credit hours. 06/15/2021

CFI Trainer - www.cfitrainer.net -

Certificate Programs

Principles of Fire Investigation. 67 credit hours. CFITrainer.Net. Completed 06/22/2021

- “**Charting Your Career Path in Fire Investigation**” module looks at the many ways fire investigators enter and grow in the profession through academia, the fire service, law enforcement, insurance, and engineering. 3 hours tested training. CFITrainer.Net. 05/22/2021
- “**Critical Evaluation and Testing of Commonly Reported Accidental Causes**” module takes a closer look at four of the most commonly-reported accidental fire causes including cooking equipment, heating equipment, electrical distribution and lighting, and smoking materials. 3 hours tested training. CFITrainer.Net. 05/25/2021
- “**Documenting the Event**” module describes how to perform documentation tasks including scene access, note taking, photography, sketches and diagrams, interviews and evidence collection. 4 hours tested training. CFITrainer.Net. 05/25/2021
- “**Effective Investigation and Testimony**” module shows how experts can successfully meet the legal standards for conducting an investigation and presenting testimony in court. 3 hours tested training. CFITrainer.Net. 05/25/2021
- “**Ethics and the Fire Investigator**” module explores the ethical “gray areas” by posing ethical dilemmas that may face the fire investigator and applying a rubric to guide how to make ethical decisions. 3 hours tested training. CFITrainer.Net. 05/27/2021
- “**Explosion Dynamics**” module teaches the foundational knowledge of explosion dynamics including the types of explosions, proper terminology when classifying explosions and explosion damage, explosion effects, important factors in the causes of naturally-occurring explosions, and the characteristics of explosives. 4 hours tested training. CFITrainer.Net. 05/27/21
- “**Fire Chemistry**” module addresses the foundations of fire chemistry and places it within the context of fire scene investigations. Topics discussed include fire, fuels, heat, ignition, flame, and flame spread. 3 hours tested training. CFITrainer.Net. 06/22/2021
- “**Fire Flow Analysis**” module examines the fire flow path, the effects of ventilation availability and fuel availability, and the modern fire environment to help all professionals tasked with determining fire origin and cause better understand fire flow dynamics so they can apply that knowledge to specific incidents. 3 hours tested training. CFITrainer.Net. 6/18/2021
- “**Fire Investigator Scene Safety**” module will provide a closer look at the many aspects of fire and explosion scene safety, including: industry regulations; recognizing physical, chemical, biological, and radiological hazards; hazard and risk assessment; and protective equipment. 3 hours tested training. CFITrainer.Net. 06/14/2021
- “**Fundamentals of Interviewing**” module presents best practices in preparing for and conducting the informational interview with witnesses in the fire investigation case. 4 hours tested training. CFITrainer.Net. 06/14/2021
- “**Insurance and the Fire Investigation**” module includes information on the role of the insurance file in an investigation and includes examining the insurance file, interviewing insurance personnel, searching insurance databases, and verifying statements made by the insured. 4 hours tested training. CFITrainer.Net. 05/28/2021
- “**Introduction to Evidence**” module introduces the fire investigator to the concept of evidence, the legal aspects involved in the collection and presentation of evidence in a legal proceeding, and how the investigator should prepare to present the evidence collected in court. 4 hours tested training. CFITrainer.Net. 5/28/2021



**FREEMAN FIRE
INSPECTORS LTD**

- “Investigating Motor Vehicle Fires”** module allows the fire investigator to see vehicles involved in fires before the fire, during the fire and after the fire and includes discussion on the basic compartments in vehicles, fuel loads typically found in vehicles and fire patterns that result from fires in the various compartments and how the patterns are impacted by the available fuel in that compartment. 4 hours tested training. CFITrainer.Net. 06/11/2021
- “NFPA1033 and Your Career”** module educates the investigator about NFPA 1033’s importance, its requirements, and how those requirements impact the fire investigator’s professional development. 2 hours tested training. CFITrainer.Net. 6/16/2021
- “Physical Evidence at the Scene”** module explores how thinking outside the box of traditional fire scene evidence can be used to associate objects, individuals or locations, leading to discovery of motives, means, opportunity and responsibility. 4 hours tested training. CFITrainer.Net. 06/14/2021
- “Residential Electrical Systems”** module teaches the basics of the electrical power generation, distribution, and transmission system. Then, the module explains how power flows into and throughout a residence. Specific topics include AC and magnetism, the generation and transmission of electrical energy, key elements of the electrical distribution system, residential service components, overcurrent protection, and branch circuits. 4 hours tested training. CFITrainer.Net. 06/14/2021
- “Residential Natural Gas Systems”** module presents the basics of natural gas and its uses and system components in a residence, a basic understanding of fuel gases, fuel systems and the appliances and equipment that utilize them. 3 hours tested training. CFITrainer.Net. 06/15/2021
- “The Scientific Method for Fire and Explosion Investigation”** module shows, step by step, how to investigate a fire scene by applying the scientific method, develop hypotheses, test hypotheses, and accurately validate conclusions. 3 hours tested training. CFITrainer.Net. 06/22/2021
- “Understanding Undetermined”** module primarily deals with "undetermined" as a cause, untangles the meanings of "undetermined," straightens out how to use the term correctly, how not to use it, and how to properly report fires where "undetermined" is the cause or classification. 3 hours tested training. CFITrainer.Net. 6/18/2021
- “Writing the Initial Origin and Cause Report”** module presents the key elements of the initial origin and cause report and methods of clearly presenting findings in a professional manner. 3 hours tested training. CFITrainer.Net. 6/18/2021

Other CFI Trainer Courses - www.cfitrainer.net

***These courses were taken outside of dedicated certificate programs

- “Fire Effects Part 2: Combustion By-Products Effects”** discusses the fire effects of combustion by-products that cause discoloration and smoke deposition on surfaces. Each fire effect is defined, explained, described in the context of a fire scene, and related to implications for fire pattern analysis that informs origin and cause determination. 3 hours tested training. 06/08/2023
- “Fire Effects Part 1: Heat Effects on Fuels”** discusses the mass loss and deformation effects of heat on fuels. Each fire effect is defined, explained, described in the context of a fire scene, and related to implications for fire pattern analysis that informs origin and cause determination. 3 hours tested training. 04/18/2023
- “NFPA 921: How this Guide Impacts Your O&C Investigation and Ultimately Your Fire Claim”** put on by the National Association of Subrogation Professionals (NASP) with Todd Soong in conjunction with the IAAI. 1 hour training. 11/18/2022
- “Fire Photography”** will introduce the investigator to a visual skills set that will help train the investigator's eye in understanding what they are looking at while also seeing and quantifying light in a scene for best exposure construct. 2 hours tested training. CFITrainer.Net 6/20/2022



**FREEMAN FIRE
INSPECTORS LTD**

- “Propane Explosions: Investigation, Failure Modes, Scene Exam, and Litigation Essentials”** put on by the National Association of Subrogation Professionals (NASP) in conjunction with the IAAI. 2 hours training. 6/14/2022
- “Introduction to Fire Dynamics and Modeling”** provides an introduction into the principle concepts of fire dynamics, fire modeling and how these techniques can be used in investigations. 4 hours tested training. CFITrainer.Net 3/26/2022
- “Vacant and Abandoned Buildings: Hazards and Solutions”** provides an awareness of the unique characteristics of vacant and abandoned structures, how these characteristics contribute to the ways these structures often burn, the special challenges in investigating these fires and information on how to determine property ownership, an awareness of the special hazards posed by vacant and abandoned buildings and the challenges of conducting a safe and successful investigation. 4 hours tested training. CFITrainer.Net 03/26/2022
- “What the Insurance Professional Needs to Know About Fire Investigation”** provides a basic framework for structuring the management of fire cases and fire investigators. 3 hours tested training. CFITrainer.Net 03/26/2022
- “Electric & Hybrid Vehicle Design Basics”** module explores the basics of how electric and hybrid vehicles are designed, including major systems and typical components. 3 hours tested training. CFITrainer.Net 03/17/2022
- “Using Resources to Validate Your Hypothesis”** explores how to approach the fact-finding procedures necessary to determine, document and validate a hypothesis. 2 hours tested training. CFITrainer.NET 03/17/2022
- “Evidence Examination: What Happens at the Lab?”** module takes investigators into the forensic laboratory and shows them what happens to the different types of fire scene evidence that are typically submitted for testing: fire debris, fingerprints, toolmarks, tire and footwear impressions, and trace evidence. The module also discusses techniques for successfully working with the laboratory, including communication, evidence submission, and follow-up contact. 4 hours tested training. CFITrainer.Net 03/15/2022
- “Digital Photography and the Fire Investigator”** module discusses the basics of digital photography for fire investigators, software and editing procedures for digital images intended as evidence as well the very latest court decisions on the scope and admissibility of digital images in fire and explosion cases. 4 hours tested training. CFITrainer.Net 03/15/2022
- “The Impact of Ventilation in Building Structures on Fire Development”** module examines the importance of assessing the impact of ventilation on a fire and assists the fire investigator in understanding how hot gases flow in a structure fire, what ventilation sources may be present at a structure fire, how ventilation may affect a fire, and how air flows through a compartment. 4 hours tested training. CFITrainer.Net 03/14/2022
- “Vetting the Expert”** module is designed for Insurance Professionals and discusses the importance of selecting the appropriate expert who can render an opinion concerning the origin & cause of fires and explosions, questions to ask when vetting an expert, expert qualifications/certifications and documentation. 4 hours tested training. CFITrainer.Net 03/10/2022
- “How First Responders Impact the Fire Scene”** teaches first responders, including fire, police and EMS, how to make critical observations and take important scene preservation actions as they discharge their first responder duties. These observations and actions are crucial to the success of the subsequent fire investigation of the scene. 2 hours tested training. CFITrainer.Net 03/08/2022
- “Giving Stronger Deposition and Trial Testimony”** discusses presenting testimony in court, deposition prep and performance, qualification as an expert, Daubert, and common pitfalls that get experts disqualified. 2 hours tested training. IAAI Live Virtual Event. Chris Konzelmann. 05/25/2021
- “Improving Fire Investigator Health and Safety”** provides an understanding of the many health and safety



hazards present in the post-fire environment to identify the situations where toxic gases, vapors, and particulates exist and the dangers of these substances, along with other hazards, pose. 3 hours tested training. IAAI Live Virtual Event. Jeff Pauley. CFITrainer.Net. 06/02/2021

- “**Accreditation, Certification, and Certificates**” module provides a primer on accreditation, certification, and certificates for fire investigation training. 3 hours tested training. CFITrainer.Net. 06/15/2021
- “**Investigating a Fire Fatality; Working with Multiple Agencies for Better Results**” furthers knowledge and working relationships with differing agencies that coexist at an incident involving a fire fatality and helps understand roles and responsibilities each agency has so the investigation is conducted professionally and thoroughly. 2 hours tested training. IAAI Live Virtual Event. Scott Campau. CFITrainer.Net. 6/17/2021
- “**Basic Electricity**” module introduces basic electrical concepts, including: terminology, atomic theory and electricity, Ohm's Law, Joule's Law, AC and DC power and teach how the relationship between resistance, current, and heat is fundamental to understanding how electricity can be a competent fire ignition source. 4 hours tested training. CFITrainer.Net 6/17/2021
- “**The Practical Application of the Relationship Between NFPA 1033 and NFPA 921**” module explains the relationship between NFPA 1033 and NFPA 921 and shows how the scientific method, as required by NFPA 1033, is implemented at the fire scene using information from NFPA 921. 2 hours tested training. CFITrainer.Net. 6/22/2021
- “**Fundamentals of Residential Building Construction**” module outlines the fundamentals of residential building construction and how building construction affects fire development, the major types of construction used to build single-family and small multi-family residences, exploration of building components from a fire spread perspective, and how the various construction techniques can affect fire development and impact fire investigator safety. 3 hours tested training. CFITrainer.Net. 6/23/2021
- “**Introduction to Appliances**” module offers a basic introduction about how some selected major appliances operate. It covers the main components often used in major appliances (gas and electric), how some major appliances use energy to generate heat, and common safety and thermal protection devices. Devices covered include cooktops, ovens, ranges, refrigerators, freezers, clothes dryers, dishwashers, and dehumidifiers. 3 hours tested training. CFITrainer.Net. 6/24/2021
- “**Ethics and Social Media**” module presents and discusses hot-button ethical questions in the use of social media in both the investigative context and the professional conduct context. 3 hours tested training. CFITrainer.net. 6/25/21
- “**Investigating Natural Gas Systems**” module presents the role natural gas can play in fire ignition, fuel load, and spread; the elements of investigating a fire in a residence where natural gas is present; the potential role the gas utility or the municipality can play an investigation; and discusses the documentation of the natural gas system and the types of tests that may be required as part of the fire investigation when natural gas piping or equipment is involved. 3 hours tested training. CFITrainer.Net. 6/25/21
- “**You’re Right - But You’re Wrong**” live zoom presentation will focus on the evidence presented at the scene, the interviews, neighborhood canvass and other information gained through investigation and interviews that may lead to the fire being determined an incendiary fire instead of accidental, as designed by the perpetrator. IAAI Live Virtual Event. David Harlow. 2 hours tested training. CFITrainer.Net. 7/15/2021
- “**NFPA 921 and 1033 2014 Editions: Important Revisions**” reviews the major changes included in the documents including the use of color photos in NFPA 921 and additional material that supports the expanded required knowledge list in NFPA 1033 Section 1.3.7. 3 hours tested training. CFITrainer.Net. 7/23/2021
- “**ARC Mapping Basics**” reviews Arc Mapping, or Arc Fault Circuit Analysis, and uses the electrical system



to help reconstruct a scene, providing investigators with a means of determining the area of a fire's origin. This module shows how electrical circuits can be damaged by fire, discusses how electrical arcs occur, defines and describes the arc mapping technique, and provides tips for how to present arc mapping technique and findings in legal proceedings. 4 hours tested training. CFITrainer.Net.

10/08/2021

- “Process of Elimination”** discusses the use of the process of elimination in the determination of a fire cause and expands on what the 921 committee describes as negative corpus and the impact on the investigation and determination of fire cause. 3 hours tested training. CFITrainer.Net. 10/08/2021
- “Understanding Fire Through the Candle Experiments”** was derived from Faraday’s book, "The Chemical History of a Candle." By performing flame experiments using a candle, analyzing the physical phenomenon observed, and demonstrating how mathematical equations explain and predict the observed physical phenomenon, you will understand basic techniques for predicting fire. 4 hours tested training. CFITrainer.Net. 10/13/2021
- “Critical Thinking Solves Cases”** explores how the process of investigating a fire involves more than the systematic collection of evidence or interviewing witnesses. This program explains how the fire investigator can use the information collected as part of the investigation to formulate a hypothesis and bring the case to completion. 4 hours tested training. CFITrainer.Net. 10/27/2021
- “The Deposition Part 1: Format, Content, and Preparation”** introduces the fire investigator to the elements of a deposition and discusses the various lines of questioning typically pursued during the proceeding. The module concludes with a brief discussion of how a fire investigator should prepare for the deposition. 3 hours tested training. CFITrainer.Net. 10/27/2021
- “The Deposition Part 2: Questioning Tactics and Effective Responses”** teaches effective ways to respond to the most common questioning tactics. 3 hours tested training. CFITrainer.Net. 10/27/2021
- “Thermometry, Heat, and Heat Transfer”** addresses the foundations of thermometry, including the definition of temperature, the scales used to measure temperature, the devices used to measure temperature, how the fire investigator can use temperature and its measurement in the hypothesis testing process, and how knowledge of thermometry, temperature, heat, and heat transfer is applicable in a fire investigation. 3 hours tested training. CFITrainer.Net. 10/30/2021
- “MagneTek: A Case Study in the Daubert Challenge”** discusses the latest developments in expert testimony under the Daubert standard, including the MagneTek case recently decided in the United States Circuit Court of Appeals. 2 hours tested training. CFITrainer.Net. 11/18/2021
- “Emerging Technologies in Fire Investigation”** looks at emerging technologies that fire investigators are integrating into their daily investigative work with great success. 3 hours tested training. CFITrainer.Net. 11/19/2021
- “Discovery in Civil Cases”** is an introduction to discovery in civil proceedings such as fire loss claims and product defect lawsuits. It will address basic definitions, the civil discovery process, key differences in the civil discovery process vs. criminal discovery process, the fire investigator's role related to discovery, and where discovery-related issues may arise for the fire investigator. 3 hours tested training. CFITrainer.Net. 11/20/2021
- “Discovery in Criminal Cases”** is an introduction to discovery in criminal proceedings. It will address basic definitions, the criminal discovery process, the fire investigator's duties under discovery, and where issues may arise for the fire investigator related to discovery. 3 hours tested training. CFITrainer.Net. 11/20/2021
- “Electrical Safety”** presents critical electrical safety practices that every fire investigator should implement at every scene, every time. Content covered includes how electricity is supplied to a building, the electrical safety actions to complete during the preliminary scene assessment, ongoing electrical safety measures to be practiced throughout the investigation, what the investigator needs to know about static electricity, and what electrical safety equipment should be in the investigator’s toolkit. 3

hours tested training. CFITrainer.Net. 11/22/2021

Utah Contractor Education

10/26/2023 - 6 Hour Licensure Renewal Course - Associated General Contractors of Utah
04/15/2021 - 6 Hour Licensure Renewal Course - Associated General Contractors of Utah
06/21/2019 - Utah Homebuilder Association - 25 hour pre-licensure course

National Chimney Sweep Guild

04/18/2018 - Advancements in Appliance Venting & Ventilation - 6367 (CSIA Transcript)
04/18/2018 - Chimney Fires, Development and Preventions - 6363 (CSIA Transcript)
04/21/2018 - Your Company Safety Plan, 6380 (CSIA Transcript)
03/16/2019 - Pyrolysis - 6736 Russ Dimmitt
03/16/2019 - Catalysts for Gas Appliances: A New Take on a Proven Technology - 6762
03/16/2019 - Simple Repairs for Masonry Chimneys. 6738. Russ Dimmitt.
01/23/2020 - Introduction to Roped Roof Access Part 1 - 6376 - Bob Ferarri
01/23/2020 - Introduction to Roped Roof Access Part 2 - 6377 - Bob Ferarri
03/12/2020 - Chimney Crowns - 7016
03/12/2020 - Chimney Physics - 7017 - Russ Dimmitt
03/14/2020 - Delivering the Perfect Installation - Grant Falco
03/30/2022 Uncommon Knowledge Regarding Fireplace and Chimney Related Fires and Failures (Part 1 & 2), Dale Feb, 3 hours of training
03/29-04/02/2022 - Ceramic Theory Why Flue Tiles Break, Russ Dimmitt, 1.5 hours of training
04/02/2022 The Trouble with Inserts, CSIA .5-Technical, 1-Codes & Standards, .25-Business, NFI 1.5 Technical, Genevieve Bures, 1.5 hours of training
04/02/2022 - Your Path to Business Success -
04/02/2022 - Bankrupt to Million Dollar Business - Back to Basics -
03/30/2023 - COG Panel - 5+ Trucks Panel - David Stewart
03/30/2023 - The Million Dollar Service Truck - Chuck Roydhouse

Copperfield Academy

10/15/2017 - Professional Chimney Inspection, 6204 - Bill Ryan & Mike Segerstrom, Copperfield Academy (CSIA Transcript)
01/24/2018 - Protect Your Business: Think Like a Fire Investigator, 6335 (CSIA Transcript)
01/25/2018 - Professional Inspection Reports, 6338 - Bill Ryan, Mike Segerstrom (CSIA Transcript)
01/26/2018 - Advance Your Code Knowledge, 6354 (CSIA Transcript)
01/31/2019 - Carbon Monoxide and the Venting Professional - 6698 (CSIA Transcript)
04/08/2019 - Chimney Relining Workshop - 6549, Mike Segerstrom (CSIA Transcript)
07/24/2020 - Forever Fireplace Replacement- 7189 (CSIA Transcript)
11/05/2020 - Prefab Change Out 101 - 7136 - Dennis. Copperfield Academy. Copperfield Chimney Supply. Colorado Springs, CO
05/26/2021 - Sweep & Scan Equipment Training. David Stewart & Mike Mathews. Copperfield Academy. Copperfield Chimney Supply. Golden, CO (NFI Transcript)
06/22/2022 - CAZ-mania: It's All About the Combustion Zone - Bob Harper



08/24/2022-08/25-2022 - Professional Inspection & Report Writing - Bill Ryan, Mike Segerstrom

8/10/2023-08/11/2023 - Professional Inspection & Delivery - Bill Ryan, Mike Segerstrom

Heatshield / SaverSystems

11/13/2017 - Heatshield Factory Training, 5982 - Stuart Karanovich (CSIA Transcript)

06/09/2020 - Heatshield Refresher Course - Stuart Karanovich

07/24/2020 - HeatShield Repair of Masonry Chimneys - 7190 (CSIA Transcript) - will be recording of the above class..

Red Cross

05/12/2021 - Adult CPR AED. American Red Cross (Online)

06/29/2021-06/30/2021 - Wilderness First Aid - 2 days - Fruita Rec Center, Colorado, Red Cross, Amy Smith (NFI Transcript)

CVC Coaching

01/24/2018 - Tools & Tips for Gas Technicians - CVC Coaching, Bob Wise, 6179 (CSIA Transcript)

03/16/2019 - Understanding Gas Pressure - CVC Coaching, Bob Wise 6743

04/07/2020 - The Top 6 Issues That Challenge Gas Technicians - 7148 - CVC Coaching, Bob Wise

04/15/2020 - Gas Call Backs With Control Systems - 7153 - CVC Coaching, Bob Wise

04/22/2020 - Gas Valve Failures and Diagnostics - 7162 - CVC Coaching, Bob Wise

04/23/2020 - History/Documentary of the Factory Built Fireplace - 6296 - Jerry Isenhour

05/28/2020 - Why Do Clay Flue Liners Crack - 7191 - Jerry Isenhour

Chimney Safety Institute of America (In-Person Education)

08/18/2021 - Introduction to Chimney Physics, CSIA Homecoming Conference, John Pilger

08/19/2021 - Your Company Fall Protection Program - Jim Brewer - CSIA Homecoming Conference, Indianapolis, Indiana

SureFire Academy / Chimney Safety Institute of America (Online Education)

02/27/2017 - CSIA Certified Chimney Sweep Online Review (CSIA Transcript)

05/07/2018 - CSIA Certified Dryer Exhaust Technician Online Review (CSIA Transcript)

10/18/2019 - We Didn't Start the Fire - 6647, CSIA eLearning course

10/20/2019 - Chimney Fires - 6807 - James Brewer

11/22/2019 - Certified Dryer Exhaust Technician (CDET) Online Review. Chimney Safety Institute of America (CSIA). SureFire.Academy. James Brewer (CSIA Transcript)

12/30/2019 - Back Safety - 6127 - James Brewer, CSIA eLearning (CSIA Transcript)

12/20/2019 - Hearth Product Identification - 6412 - James Brewer, CSIA eLearning (CSIA Transcript)

12/12/2019 - Dryer Vents - The Time is Now! - 6890 - James Brewer, CSIA eLearning

10/01/2020 - All About Ladders

10/05/2020 - Understanding Masonry Fireplace Clearances - 7053 Mike Segerstrom

10/19/2020 - Typical Issues with Fireplaces and Chimneys - 7236 - Chimney Safety Institute of America (CSIA) James Brewer

02/05/2021 - Diagnosing Masonry Chimney Failure and Providing Sound Findings - 7298

02/05/2021 - IRC Chapter 13 - General Mechanical System Requirements - 7292 James Brewer

03/18/2021 - Water Permeance in Masonry Chimneys - Beyond the Envelope. Chimney Safety Institute of

America (CSIA), Stuart Karanovich

- 03/22/2021 - Level 2 Inspections - 6702 Mike Segerstrom
- 03/27/2021 - Level 2 Inspections of a Factory-Built Fireplace - 6677 Mike Segerstrom
- 04/01/2021 - Understanding Chimney Interior Imagery - 7045 CSIA Tom Urban
- 06/04/2021 - Record Keeping - 7049 (CSIA Transcript)**
- 08/04/2021 - Priorfire Retrofit Fireplace System Training - Thom Meridith / Chris Prior, SureFire**
- 08/09/2021 - Chimney Inspections 411 - 6756 - Tom Urban - SureFire
- 08/14/2021 - Installation of the PriorFire Retrofit System**
- 08/15/2021 - Finishing and Appearance of the Retrofit Fireplace**
- 09/27/2021 - Ladder Safety**
- 09/29/2021 - Rules of the Roof**
- 01/03/2022 - IRC Chapter 15 Dryer Exhaust Systems**
- CSIA/NFI 03/02/2022 - IRC Chapter 15 Dryer Exhaust Systems - 7629 - Jim Brewer

National Fireplace Institute (NFI) / HPBA / HPBEF Online Training

- 08/22/2018 - NFI Wood Review Course, 5325 Larry Grogan, Live Event SLC Utah (CSIA Transcript)**
- 08/17/2018 - Gas Certification Review Course - National Fireplace Institute (NFI), Rick Vlahos (CSIA Transcript)**
- 05/04/2020 - Fireplace Inspections What Did I Miss - 3534 Dale Feb
- 10/19/2020 - Lessons Learned from Fire Investigation - 5762
- 02/19/2021 - Codes, Standards, and Installation Instructions - 5958 - Bill Ryan
- 03/08/2021 - The Chimney is Relevant to the Installation - 5644 Bill Ryan
- 03/18/2021 - Limiting Liability Through Inspection & Procedure - Bill Ryan
- 03/22/2021 - Reduce Liability Through Proper Chimney Inspection - 4443 Bill Ryan
- 10/01/2021 - Fire Investigations: How Not To Get Burnt - 7022**
- 11/08/2021 - 2021-2022 Update and Reinforcement Course - 7379, Rick Vlahos
- 11/08/2021 - A-Z on Installing Factory-Built Chimneys - 3008, Will Kolansky
- 11/10/2021 - Common Installation Errors - 7018 - Mark Jones
- 02/13/2024 - Draft and Flow - Russ Dimmitt
- 02/13/2024 - Is Your Installation TECHnically Correct? - Wood - Michael Segerstrom, Bill Ryan
- 02/13/2024 - Is Your Installation TECHnically Correct? - Gas - Michael Segerstrom, Bill Ryan
- 02/14/2024 - The Level 2 and Your Installation - Michael Segerstrom, Bill Ryan
- 02/14/2024 - Understanding the IRC Energy Code
- 02/14/2024 - HPBA Government Affairs Update for Retailers, Reps, and Distributors; Update on New UL Insert Standards