

Nick Leone PE, CFI, CFI(V), CFEI

Churchwell Fire Consultants
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Education

Masters of Engineering and Management (2005)
Case Western Reserve University, Cleveland, OH

Bachelor of Science in Mechanical Engineering (2004)
Ohio Northern University, Ada, OH

Professional Experience

Churchwell Fire Consultants, Inc. (11/2012 – Present)
Fire Investigator/Mechanical Engineer

The Timken Company (06/2005 – 11/2012)
Senior Process Engineer

Certifications

Professional Engineer, Registration Number 78475, (2013)
NAFI - Certified Fire and Explosion Investigator (CFEI), Certificate # 18265-10128, (2013)
IAAI - Certified Fire Investigator (CFI), Certificate # 01-032397, (2017)
IAAI – Motor Vehicle Fire Credential Endorsement (CFI-V), (2019)

Professional Development

Knowledge 1 Motor Vehicle Fires Tier 1, IAAI, 8 hours (2019)
Motor Vehicle Fire Investigation – 3 Day, IAAI, 24 hours (2019)
Motor Vehicles: The Engine, Ignition, Electrical, and Fuel Systems, CFITrainer.net (2018)
Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems, CFITrainer.net (2018)
Understanding Battery and Vehicle Electrical Fire, IAAI (2018)
Greater Cincinnati Regional Arson & Fire Investigators Seminar, 16 hours, (2016)
Mechanical Forensic Engineering seminar, Half Moon Education, (2016)
62nd Annual Ohio Arson School, IAAI (2016)
Understanding Battery and Vehicle Electrical Fire, IAAI (2016)
The Deposition, Part 1 and 2, CFITrainer.net (2016)
Expert Witness Courtroom Testimony Course, IAAI (2015)
The Scientific Method for Fire and Explosion Investigation, CFITrainer.net (2015)

Writing the Initial Origin and Cause Report, CFITrainer.net (2015)
Investigating Motor Vehicle Fires, CFITrainer.net (2015)
Using Resources to Validate your Hypothesis, CFITrainer.net (2015)
Fire Protection Systems, CFITrainer.net (2015)
Fundamentals of Residential Building Construction, CFITrainer.net (2015)
Explosion Dynamics, CFITrainer.net (2015)
Residential Natural Gas Systems, CFITrainer.net (2015)
Investigating Natural Gas Systems, CFITrainer.net (2015)
Post Flashover Fires, CFITrainer.net (2015)
Physical Evidence at the Fire Scene, CFITrainer.net (2015)
Understanding Fire through the Candle Experiments, CFITrainer.net (2015)
Basic Electricity, CFITrainer.net (2015)
Investigating Solid Fuel Burning Appliance Fires, Fire Findings (2014)
National Fire, Arson, & Explosion Investigation Training Program, NAFI (2013)
Investigation of Gas and Electric Appliance Fires, Fire Findings (2013)
Investigating Vehicle Fires Live Burn NY, IAAI (2013)
Origin and Cause, Scene Preservation, and Burn Cell Demonstration, IAAI (2013)

Professional Associations

International Association of Arson Investigators
National Association of Fire Investigators
National Fire Protection Association
National Society of Professional Insurance Investigators
Ohio Society of Professional Engineers
American Society of Mechanical Engineers