
Edward Scharfberg | Fire Investigator, CFEI

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Professional Summary:

Mr. Scharfberg's responsibilities include conducting origin and cause investigations of fires in structures and vehicles as well as explosions to determine the area of origin and cause. Mr. Scharfberg has investigated hundreds of fires and explosions and is routinely involved in examination of scenes including photography, evidence handling and collection, interviews of witnesses, reports, and the systematic approach of scene analysis. Mr. Scharfberg has testified in court regarding criminal and civil cases. Mr. Scharfberg started his career in fire investigation in 1995 with the New York City Police Department's Arson and Explosion Squad and has been in the private sector since 2003. Mr. Scharfberg has worked numerous cases with the Bureau of Alcohol and firearms, Federal Bureau of Investigation, and Secret Service.

Licenses and Certifications:

Firefighter 1
Level 1 Fire Investigator
Level 2 Fire Investigator
Certified Fire and Explosion Investigator (NAFI)
New York State Emergency Medical Technician (1978-2021)
CPR / AED Instructor American Heart Association, American Red Cross
New York State Boater Safety Course

Project Experience:

Notable Investigations:

Freddy's Clothing Store fire, Manhattan, N.Y. 1995
Series of Synagogue fires, Nassau and Queens Counties. 1996
TWA Flight 800 Explosion, West Hampton Beach, N.Y. 1996
Planet Hollywood Explosion, Manhattan, N.Y. 1997
Padua Roman Catholic Church fire, Queens, N.Y. 1999
46th Street pipe bomb explosion, New York, N.Y. New Year's Eve 1999-2000
World Trade Center Attack, New York, N.Y. 2001
American Airlines Flight 587 explosion, Rockaway Beach, N.Y. 2001
42nd Street pipe bomb explosion, Brooklyn N.Y. Palm Sunday, 2002
Exxon/Mobile Barge explosion, Staten Island N.Y. 2003

Kehilath Jeshurun fire, Manhattan, N.Y. 2011

Professional Experience:

New York City Police Department, Patrol Services Bureau, 1985 – 1992
New York City Police Department, Bias Incident Investigation Unit, 1992 - 1995
New York City Police Department, Arson and Explosion Squad 1995 - 2003
Connell Nolan, Fire Investigator 2003 – 2014
H2M, Fire Investigator 2014 - 2018

Specialized Education:

Fire Protection Systems and Fire Investigations, IAAI, Hicksville Fire Department, 2022
Marine Fire Investigations, IAAI, Hicksville Fire Department, 2022
Critical Evaluation and Testing of Commonly Reported Accidental Causes, IAAI CFITrainer, 2020
Discovery in Civil Cases, IAAI, CFITrainer.net, 2020
Electrical Safety, IAAI, CFITrainer.net, 2020
New York State Emergency Management Certification and Training, Nassau County OEM, 2019
Evacuation Planning Strategies and Solutions MGT-461, Nassau County OEM, 2019
Event Security Planning MGT-335, ECU, Nassau County OEM, 2019
Forensic Investigation, CE Course EFI Global, 2019
Public Education Seminar, NYS Academy of Fire Science, 2019
Land-Based Marine Firefighting, Nassau County Fire Service Academy, 2018
Fire Investigation Training, Dutchess County Fire Academy, 2016
MagneTek Case Study in Daubert Challenge, CFITrainer.net, 2014
Senior Officials Workshop for All Hazards Preparedness, Texas A&M FEMA Bethpage, N.Y. 2014
Community Healthcare Planning and Response to Disasters, Management and Planning Level,
NCBRT, Louisiana State University, East Farmingdale, N.Y. 2014
Public education Seminar, NYS Academy of Fire Science, 2014
Rail Safety for Emergency Responders, NYS Academy of Fire Science, 2014
SCBA Breathing Air Refresher, McNeil and Company, 2014
Active Shooter for EMS Responses, McNeil and Company, 2014
Response to Unusual Incidents, Nassau County Fire Service Academy, 2013
Threats from Ordinary IED's, Firehouse Expo, Baltimore, MD. 2013
Public Education Seminar, NYS Academy of Fire Science, 2013
Firehouse Expo, Firehouse Magazine, 2012
Public Education Seminar, NYS Academy of Fire Science, 2012
Vehicle Fire Investigation Course, NYS Academy of Fire Science, 2011
Public Education Seminar, NYS Academy of Fire Science, 2011
Emergency Action Plan Directors Course, Global Security Group, 2010
Public Education Seminar, NYS Academy of Fire Science, 2010
Effective Investigation and Testimony, CFITrainer.net, 2010
Introduction to Evidence, CFITrainer.net 2010
ARC Mapping Basics, CFITrainer.net 2010
Motive, Mean, and Opportunity, CFITrainer.net, 2010
Fire Investigation Scene Safety, CFITrainer.net, 2010
Ethics and the Fire Investigator, CFITrainer.net, 2010
Water Rescue Awareness, Adelphi University Nassau County Fire Service Academy, 2010
Public Education Seminar, NYS Academy of Fire Science, 2009

Crash Scene Investigation, FASNY, 2007
Fire Investigation Seminar, Dutchess County NYS Fire Investigators, IAAI, 2003
Large Vehicle Post Blast School, FBI, 2002
LPG Burn Off, NC Fire Service Academy, 2001
Explosive Training Seminar, BATF, 2001
Fire Scene Evidence Collection, NYS Academy of Fire Science, 2000
Statement Analysis, FDNY Fire Academy, 2000
Electrical Fire Cause Determination, NYS Academy of Fire Science, 1999
Fire Arson Investigation II, National Fire Academy, 1998
Principals of Fire Behavior / Arson Awareness 1, NYS Academy of Fire Science, 1996
Strategy and Tactics, Nassau County Fire Service Academy, 1996
Incident Safety Officer, Nassau County Fire Service Academy, 1996
Building Construction Course, NC Fire Service Academy, 1995
Specialized Protective Security Training Course, NYPD Intelligence Division, 1995
Homicide Investigation Course, NYPD Academy, 1995
Instructional Techniques for Company Officers, National Fire Academy NCFSA, 1994
Gas Emergencies Course, Nassau County Fire Service Academy, 1994
Criminal Investigation Course, NYPD Academy, 1993
Liquid Propane 1, Nassau County Fire Service Academy, 1992
Advanced Training Course, NYPD Auto Crime, 1989
Haz-Mat 1 Nassau County Fire Service Academy, 1985

Education:

Associates Degree Liberal Arts, Nassau Community College Garden City, N.Y.
30 additional credits, SUNY Empire State Albany, N.Y.

Affiliations:

International Association of Arson Investigators (IAAI) New York State Chapter
International Association of Fire Chiefs
National Association of Fire Investigators (NAFI)
National Fire Protection Association (NFPA)
New York State Association of Fire Chiefs (NYS AFC)
Fireman's Association of the State of New York (FASNY)
New York State Public Education Instructors
Fraternal Order of Police (FOP)

Courses Instructed/ Guest Lecturer:

Arson Awareness, Oceanside Fire Department
Cooking Safety, Oceanside School District
Fire Safety, Oceanside School District, Town of Hempstead Housing Authority, Special Advisory Coalition
CPR / AED, Oceanside Fire Department, Oceanside School District
Business Safety and Resiliency, Oceanside Chamber of Commerce

Honors and Awards:

FASNY, N.Y.S. Fire Safety Educator of the Year, 2021
EMS Unit Citation, Oceanside Fire Department, 2019
EMS Unit Citation, Oceanside Fire Department, 2019
Heart of Gold Award, Oceanside Kiwanis, 2012
Certificate of Appreciation, ATF, 2004
Certificate of Appreciation, ATF, 2001
Achievement Award, FDNY BFI, 2000
EMS Unit Citation, Oceanside Fire Department, 1997