



Matt Roberts

CD, C.Tech., CFEI, CFII, CVFI, RSE

Fire and Explosion Investigator, Fuels Specialist

OFFICE

Burlington

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CONTACT

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Matt is a Fire and Explosion Investigator with experience in both the forensic engineering and insurance industries. He has participated in hundreds of fire and explosion investigations involving residential structures and large commercial properties. He has also assisted on several large electrical loss remediation assignments and worked extensively on renewable energy projects, performing quality control and assurance of rooftop Photovoltaic installations. In 2016, Matt was named editor of the CAFI journal, a publication produced by the Canadian Association of Fire Investigators.

CERTIFICATIONS

- Certified Fire and Explosion Investigator (CFEI)
- Canadian Certified Fire Investigator (CCFI-C)

TECHNICAL AFFILIATIONS

- Member – NAFI National Association of Fire Investigators
- Member – Ontario Insurance Adjusters Associations (OIAA)

EDUCATION

Southern Alberta Institute of Technology
Advanced Care Paramedic
Calgary, Alberta, Canada
2001

National Board of Fire Service Qualifications
Fire Service Professional Qualifications
1995

Southern Alberta Institute of Technology
Primary Care Paramedic
Calgary, Alberta, Canada
1991

PROFESSIONAL EXPERIENCE

Fire and Explosion Investigator
OCI Group (Formerly Origin and Cause Incorporated)
Burlington, Ontario
2017 – Present

- Fire and Explosion Investigation—Point of Origin and Cause
- Residential Structure Fires
- Large Commercial Property Losses

Intermediate Associate

-30- Forensic Engineering

Toronto, Ontario

December 2016 – November 2017

- Fire and Explosion Investigation—Point of Origin and Cause
- Residential Structure Fires
- Large Commercial Property Losses
- Electrical remediation projects in collaboration with member of the firm's electrical team, including in-depth documentation of electrical equipment, assessment of equipment condition, code compliance and development of recommendations for remediation

Associate

-30- Forensic Engineering

Toronto, Ontario

October 2013 – December 2016

- Fire and Explosion Investigator, primarily involving residential structures
- Member of Renewable Energy Team
- Assisted in performing quality assurance and inspection of commercial rooftop PV solar systems. Including operating electrical insulation tester (Megger), solar metric photovoltaic
- Assisted in reporting test results and deficiencies of quality assurance programs for commercial rooftop PV solar systems
- Assisted electrical group with remediation files including in-depth documentation of electrical equipment and other related tasks

Associate Advisor

Co-operators General Insurance Company

Mississauga, Ontario

January 2011 – July 2013

- Bound and serviced home, auto, and commercial insurance policies for clients in multiple service offices throughout Ontario
- Home and auto inspections were performed to identify pre-existing damage or possible hazards

Junior Investigator

J.A. Roberts & Associates – Fuels Consulting and Investigative

Oshawa, Ontario

December 2009 – January 2011

- Assisted with fire and explosion investigative processes such as documenting and collecting evidence, as well as re-creating the incident scene for testing purposes
- Took photographs, handled evidence, wrote reports, interviewed witnesses and set up various equipment for tests/examinations
- Involved in editing and re-writing portions of the CSA Gas Tech Modules, as well as examination questions, to ensure all content was up to date

FURTHER TRAINING & EDUCATION

Safety First Training Support Services

- Genie Boom/Fall Protection Safety Course

Electrical Safety Training System (ESTS)

- CSA Z462 Electrical Worker, Arc Flash, & Shock Training

Confined Space & Asbestos Awareness (GK In-House Training)

TSSA Fuels Safety Information Session (GK In-House Training)

IAAI Online Training Courses (CFITrainer.Net)

- Arc Mapping Basics
- Fundamentals of Residential Building Construction
- Basic Electricity
- Residential Electrical Systems
- Effective Investigation and Testimony
- Residential Natural Gas Systems
- Evidence Examination: What Happens at the Lab?
- Fire Investigator Scene Safety
- Introduction to Evidence
- The Scientific Method for Fire and Explosion Investigation

IAFI Training Courses

- Chemistry of Fire
- Understanding the Daubert Challenge
- 10 Most Common Fire Scene Errors – Patrick Kennedy

CAFI Training Courses

- Understanding Commercial Kitchen Fires (CAFI Seminar April 2015)
- Investigations? Get it Right! Don't Get Burned! (CAFI Seminar April 2016)
- Advanced Fire Dynamics (CAFI Seminar April 2017)

Fire Findings Courses

- Investigation of Gas and Electric Appliance Fires (April 2014)
- Residential Electricity for Fire Investigators (May 2014)
- Investigating Residential Dryer Fires (May 2016)
- Investigating Solid Fuel-Burning Appliance Fires (September 2016)

Infraspection Institute

- Distance Learning Level-1 Infrared Thermography (July 2015)
- Level 1 Certified Infrared Thermographer (July 2015)

INDUSTRY VOLUNTEER WORK

Editor of the CAFI Journal, published by the Canadian Association of Fire Investigators