

Rod Lowet | Fire Investigator, CFEI, CCFI, NFPA

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Professional Summary:



Rod Lowet has over 15 years of experience in fire investigations, fire suppression, wildfires and forest firefighting that brings a variety of experience to the fire investigations team. He has served the public as a Fire Investigator, Fire Inspector, City and industrial firefighter, BC Ministry of Forests initial attack Crew Boss and an educator. Rod's diverse scope of experience provides a broad perspective and valuable insights to fire and explosion investigations.

Rod serves the insurance industry, assists fire departments, and government agencies in determining the origin and cause of complex fire incidents. He possesses extensive knowledge and experience in fire cause determination and numerous accreditations achieved over his 15 years of practice.

Licenses & Certifications:

- Certified Fire and Explosion Investigator (CFEI)
- Certified Fire and Explosion Investigator (CFEI), National Association of Fire Investigators (NAFI)
- Canadian Certified Fire Investigator (CCFI)
- Canadian Association of Fire Investigators (CAFI)
- International Association of Arson Investigators (IAAI)
- Certified Fire Investigator (JIBC), National Association of Fire Investigators (NFPA)
- Wildland Fire Cause and Origin Investigator FI-210
- Local Assistant to the Fire Commissioner, Fire Scene Evidence Preservation (LAFC)

Professional Experience:

Fire Investigator

EFI Global, BC, 2023 - Current

Assist the insurance industry in determining the origin and cause of fires and explosions in buildings, structures, vehicles, equipment, and wildfires.

Independent Fire Investigator, BC, 2019 - 2022

Assisted police forces, fire departments and insurance professionals in determining the origin and cause of fires in British Columbia.

Fire Fighter - EMR Paramedic

Prince George Fire Department 2007 - 2021

Operate initial and sustained action fire suppression activities, working with crew members in all operational activities. Community 911 Response, training exercises and perform administrative duties. Emergency Medical Responder Paramedic.

Forest Fire Fighter - Initial Attack Crew Boss

British Columbia Ministry of Forests 2003 - 2007

Operate initial and sustained action in fire suppression activities, Supervise crew members in all operational activities, Suppression, Fire base, Camp assignments and project work. Maintain crew preparedness and oversee equipment and resource tracking. Exercise training and perform administrative duties. Emergency Medical Responder First Aid Attendant.

Project Experience:

Rod has conducted more than 100 fire investigations involving commercial and residential structures, vehicles and wildland fires.

Education:

- Bachelor of Science, Forestry Science and Management - University of Northern British Columbia, 2004 – 2008
- Fire Services Training Program (NFPA 1001-1002) - College of the Rockies, 2005-2006
- Business Management Diploma - College of New Caledonia, 2007-2019
- Business Administration Certificate - College of New Caledonia, 2007-2019

Specialized Courses:

- Pro Board NFPA 1033, Fire Investigator 1
- Pro Board NFPA 1031, Fire Inspector 1
- Pro Board NFPA 1, BC Fire Code for the Fire Services
- Pro Board NFPA 1041, Fire Service Instructor 1
- Pro Board NFPA 1561, Incident Command System I-100 and I-200
- Pro Board NFPA 472, Hazardous Materials Technician
- Pro Board NFPA 472-2002, Hazardous Materials Operations
- Pro Board NFPA 472-2002, Hazardous Materials Awareness
- Pro Board NFPA 1001-2002, Fire Fighter I and II
- British Columbia Fire Fighter Standard, Fire Fighter I and II
- Pro Board NFPA 1081-2002, Industrial Fire Fighter
- Pro Board NFPA 1081-2002, Incipient Industrial Fire Brigade Member
- Pro Board NFPA 1081-2002, Interior Structural Industrial Fire Brigade Member
- Pro Board NFPA 1081-2002, Advanced Exterior Industrial Fire Brigade Member
- Pro Board NFPA 1006, Confined Space Technical Rescuer Level 1
- Pro Board NFPA 1006, Rescuer Basic Skills
- Pro Board NFPA 1670, Ice/Swift Water Rescue Operations Level
- Pro Board NFPA 1006, High Angle Rope Rescue Operations Level
- Pro Board NFPA 1936, Auto Extrication
- Pro Board NFPA 1451, Emergency Vehicle Operation
- Introduction to Rope Rescue and Basic Skills
- ICBC Child Passenger Safety Educator II Technician
- Transportation of Dangerous Goods Endorsement
- BC Class 3 Driver's License with Air Brake Endorsement

Specialized Education:

- Alternative Fuel Vehicles
- Arc Mapping Basics
- Basic Electricity
- Commercial Kitchen Fires 1: Fundamentals
- Critical Evaluation and Testing of Commonly Reported Accidental Causes
- Critical Thinking Solves Cases
- The Deposition Part 1: Format, Content, and Preparation
- The Deposition Part 2: Questioning Tactics and Effective Responses
- Digital Photography and the Fire Investigator
- Discovery in Civil Cases
- Discovery in Criminal Cases
- Documenting the Event
- Effective Investigation and Testimony
- Electric & Hybrid Vehicle Design Basics
- Electric & Hybrid Vehicle Fires
- Electrical Safety
- Emerging Technologies in Fire Investigation
- Ethical Duties Beyond the Fire Scene
- Ethics & Social Media
- Ethics and the Fire Investigator
- Evidence Examination: What Happens at the Lab?
- Explosion Dynamics
- Fire Chemistry
- Fire Dynamics in the Wildland
- Fire Flow Analysis
- Fire Investigation for Fire Officers
- Fire Investigator Scene Safety
- Fundamentals of Interviewing
- Fundamentals of Residential Building Construction
- Giving Stronger Deposition and Trial Testimony
- The HAZWOPER Standard
- How First Responders Impact The Fire Investigation
- Insurance and the Fire Investigation
- Introduction to Evidence
- Introduction to Youth-Set Fires
- Investigating Motor Vehicle Fires
- Legal Aspects of Investigating Youth-Set Fires
- Investigating a Fire Fatality
- MagneTek: A Case Study In The Daubert Challenge
- Motive, Means, and Opportunity: Determining Responsibility in an Arson Case
- Motor Vehicles: The Engine and the Ignition, Electrical, and Fuel Systems
- Motor Vehicles: Transmission, Exhaust, Brake, and Accessory Systems
- NFPA 1033 & 921: 2022/2021 Editions Important Updates
- Photovoltaic Cells & Systems
- Physical Evidence at the Fire Scene
- Residential Electrical Systems
- Residential Natural Gas Systems
- The Scientific Method for Fire and Explosion Investigation
- Site Safety Assessment

- Understanding the Fire Investigator's Job: A Guide for Non-Investigators
- Understanding Undetermined
- Vacant and Abandoned Buildings: Hazards and Solutions
- What the Insurance Professional Needs to Know About Fire Investigation
- Writing the Initial Origin and Cause Report

Multi-Program Certifications

- Fire Investigation for the Insurance Industry
- Fire Investigation Safety
- Principals of Fire Investigation
- Fire Investigation for Fire Officers

British Columbia Ministry of Forests Certifications

- Lead I 100 Introduction to Incident Command System
- I 200 Incident Command System
- FI 110 Origin Protection for First Responders
- S 100 Forest Fire Suppression and Safety
- S 190 Safety and Fire Behavior
- S 210 Fire Cause Investigation
- S 212 Fire Communication
- S 214 Basic Chainsaw Safety and Operations
- S 215 Wildland/Urban Interface
- S 221 Fire line Organization
- S 230 Crew Boss Training
- S 232 Pumps and Water Delivery
- S 235 Burning Off and Backfiring
- S 283 H2S Safety Awareness
- S 290 Safety and Fire Behavior 2
- M 212 Basic Media Relations
- M 251 Forest Fire Prevention
- WHMS Workplace HazMat System

First Aid Certifications:

- Emergency Medical Responder, Ministry of Health, BC., E.M.R. (License# 130791)
- B.C. Medical First Responder Level III, CPR "C", AED, and Spinal Management
- CPR Level "C" – Lifesaving Society
- Occupational First Aid Level I (WCB)
- Transportation Endorsement (WCB)

Affiliations:

- National Association of Fire Investigators (NAFI)
- Canadian Association of Fire Fighters (CAFI)
- International Association of Arson Investigators (IAAI)
- International Association of Fire Investigators (IAFI)