

# Curriculum Vitae

## Dave R. Wood

### Current Position

Fire Investigator and Principal in Fire Pro Investigations Ltd.

### Fire Service History

31 years of service with Vancouver Fire & Rescue Services (VFRS) (Retired June 2009)

- 9 years – Fire Suppression Company officer
  - Working at the rank of Captain, Lieutenant and Rescue Officer
  - Conducting operations at command and operational levels of the incident command system
- 7 Years – Fire Investigator and Local Assistant to BC Fire-Commissioner - (full time and relieving)
  - Responsible for the investigation of fires to determine the origin and cause, reporting to the British Columbia Office of the Fire-Commissioner and The Coroners Service of British Columbia. Working with The Vancouver Police Arson Investigation Division in the investigation of Arson Fires
  - Inspect structure for compliance of fire code issues
- 15 years – Firefighter

### Fire Investigation Experience

Twenty years of fire investigation experience including; working as the Duty Investigator and Relieving Captain in the Fire Investigation Division of the Vancouver Fire & Rescue Services and a Principal in Fire Pro Investigations Ltd.

- Over 1000 Structure fires
  - Residential
  - Commercial
  - Industrial
- Over 250 vehicle fires
  - Passenger
  - Commercial
  - Recreational
  - Heavy equipment
  - Marine vessels

## **Education and Training**

2014 National Fire, Arson and Explosion Investigation Training Program National Association of Fire Investigators (NAFI)

2014 CFI Trainer courses

- Arc Mapping Basics
- Documenting the Event
- Introduction to Evidence
- NFPA 921 and 1033 2014 Editions: Important Revisions
- Physical Evidence at the Fire Scene

2013 – Documenting the Fire Scene IAAI Chapter 15

2012 – Combustible Dust Hazard Awareness FireWise Consulting

2010 – Fire Investigation training. IAAI and Fire Prevention Officers Association of BC

Topics included:

- Arc mapping
- Fire modeling
- Live fire, including positives pressure ventilation
- Interviewing
- Scene examinations

2008 – Ignition of Liquid, Gases and Solids by Hot Bodies “IAAI”

2004 – "Marijuana Grow-Op & Clandestine Laboratory Fire Investigation"

2003 – Canadian National Advanced Fire, Arson and Explosion Investigation Program

2003 – Certified Fire Investigator Instructor Program

2003 – IAAI Seminar “The team approach to fire investigation”

2001 – Lindsay Kenny Fire Loss Seminar

“ Changes to NFPA 921 and contamination of Evidence”

2001 – IAAI Seminar “Investigation of Vehicle Fires”

2000 – Juvenile Fire Setters Conference

2000 – IAAI seminar “Vehicle fire investigation and health and safety

1998 – Canadian Fire Investigation School Level III

1997 – Juvenile Fire Setters Seminar

1997 – IAAI seminar “Ventilation Burn Patterns and Spontaneous Combustion”

1997 – Canadian Fire Investigation School Level II

1996 – British Columbia Fire Services Certification Program –

Company Officer Level 1(180 hours)

- Hi-Rise Fire Attack (VFRS)
- Fire Alarm Systems (VFRS)
- Fire Department Company Officer (International Fire Services Training Association)
- Managing Company Strategies and Tactics (NFPA 1021)
  - Building Construction
  - Fire Ground Tactics
  - Incident Command

1994 – Canadian Fire Investigation School Level 1

1994 – BCFCO Local Assistant to BCFCO course  
1994 – Justice Institute of British Columbia – Company Officer Fire Cause Determination  
1994 – Justice Institute of British, Company Officer Report Writing

### **Courtroom Qualification**

Have been qualified as an expert in the field of Fire Investigation and testified in the British Columbia Supreme Court  
Regina Vs. Curtis Macki – 2001  
Van Dokkumburg v. Canadian Northern Shield 2014

### **Certifications and License**

Certified Fire and Explosion Investigator (CFEI) NAFI  
Certified Fire investigation Instructor (CFII) NAFI  
British Columbia Security Programs Division of the Ministry of Justice - Private Investigator  
Fire Officer Level 1 – Career  
Fire Services Instructor 1  
Fire Services Safety Officer  
Firefighter level 2 - Career

### **Testing**

Have conducted test burns on compartment fires observing the effects of positive pressure ventilation during fire suppression and the effects of fire sprinkler systems on fire development.  
Have conducted test burns on compartment fires to observe fire development and burn patterns.  
Have conducted test burns on various types of floor coverings to examine pour patterns of flammable liquids.  
Have conducted control burns on furniture to examine flame height and travel.  
Have conducted test burns on vehicles to examine fire spread and burn patterns.

### **Memberships**

International Association of Arson Investigators (IAAI)  
National Association of Fire Investigators (NAFI)

### **Instruction**

2014	IAAI Chapter 15 Annual Training Seminar (Chilliwack BC)
2012	IAAI Chapter 15 Annual Training Seminar (Chilliwack BC)
2009 – 2014	Fire Officer’s Role in Fire Investigation (FireWorks Fire Consulting)
2010	The Effects of Positive Pressure Ventilation on Fire Travel (IAAI & FPOABC Seminar)
2009 – 2012	Fire Investigation and Post Incident Activities for the Company Officer (Coquitlam Fire-Rescue and Burnaby Fire Department)

- 2006 – 2008 Intermediate Fire Investigation (Level II) for the BC Fire Prevention Officers Association and the RCMP
- 2006 Basic Fire Investigation for LAFC Vancouver
- 2005 – 2014 Basic Fire Investigation for Volunteer Fire Departments
- 2004 Investigating Fires in Marijuana Grow-Ops IAAI Chapter 15 Seminar
- 1999 – 2003 The Fire Officer’s Role in Fire Investigation (fire scene and evidence preservation) and Fire Reporting for Company Officers (VFRS)
- 1999 – 2003 The Firefighters’ Role in Fire Investigation (VFRS)