

William Clarke | Fire Investigator, CFI, SCO-Fire, CD1

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Professional Summary:



William has over 16 years of experience in fire investigations along with a background in firefighting. He has served as a Fire Prevention Officer, Fire Investigator, Fire Inspector, District Fire Chief, Military and Civilian Firefighter. William is also a Safety Codes Officer, Emergency Services Officer, and Educator. William's background demonstrates a lifelong commitment to learning and understanding the science behind fire, which has proven to be a great asset to clients and supported his success in fire origin and cause investigations.

William has assisted police forces, fire departments, and the insurance industry in determining the cause and origin of fire losses across Western Canada.

Licenses & Certifications:

Certified Fire and Explosion Investigator (CFEI)
Certified Canadian Fire Investigator (CCFI), NFPA 1033
Fire Investigative Interviewing Course, Calgary Police Service

Professional Experience:

EFI Global, Fire Investigator, AB, 2023 - current

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

Global Forensics, Fire Investigator, AB, 2022 - 2023

Assisted the insurance industry, police forces and fire departments in determining the origin and cause of over 20 fires in the Province of Alberta.

Rocky View County Fire Services, Fire Investigator/Inspector, AB, 2021 - 2023

Investigated all types of fires and explosions; structural, vehicle, and wild land to determine origin and cause. Provide leadership and direction to all Station Chiefs and Captains with regards to conducting fire investigations as quality review of their investigation findings. Worked closely with the building and development department to review building and development plans for the county to verify compliance with fire codes and regulations. Including writing variances, issuing orders and plan reviews.

Rocky View County Fire Services, District Fire Chief, AB, 2017 - 2021

Provide an operation level of emergency response for the County of Rocky View overseeing all 7 fire stations. Duty Officer for Rocky View County.

Office of the Fire Commissioner, Emergency Services Officer/Instructor, MB, 2013 - 2017

Provided an operational level of emergency response for the Province of Manitoba for incidents involving hazardous materials/CBRN, structural fires, wildland urban interface fires, flood response and water rescue, ground search and rescue (GSAR), heavy urban search and rescue (HUSAR), and incident command/management of major provincial/municipal emergencies. Platoon Coordinator for the Public Fire Paramedic Program (PFPP) directing other instructors and administration staff.

Department of National Defence, Military Firefighter, Canada, 2006 - 2013

Served as Firefighter, Crew Chief, Deputy Platoon Chief, and Platoon Chief for CFB Edmonton and 17 Wing Winnipeg. Conducted airport rescue firefighting at military air base and Winnipeg International Airport. Applied detailed knowledge of inspection procedures, fire hazards, life safety hazards, fire prevention and hazardous materials/CBRN.

District of Namao Alberta Fire Department, Captain/Lieutenant/Firefighter, 2006 - 2009

Attack Team Leader and Officer in Charge, responding to various emergencies. Instructed and lectured classes for several fire departments for NFPA 1001 Firefighter Level I qualification.

Department of National Defence, Wildland Firefighter/Base Security Force, Canada, 2000 - 2006

Second in command of a wild land firefighting crew, conducted patrols of wild lands and river patrols. Conducted security patrols and river patrols of the military training area.

2nd Battalion Princess Patricia's Canadian Light Infantry, Infantry Soldier, Canada, 1990 - 2000

Operated effectively in one of the most difficult and demanding Canadian Armed Forces units. Employed field craft and battle procedures, assault, defense, and escape and evasion tactics.

Education:

- Manitoba Emergency Services College (MESC)
- Canadian Armed Forces Fire Academy (CAFFA)
- International Fire Service Accreditation Congress (IFSAC) certifications:
 - NFPA 1001 Firefighter Level II
 - NFPA 1002 Driver/Operator for Engine/Aerial/Aircraft Rescue Firefighting vehicles
 - NFPA 472 Hazardous Materials Technician
 - NFPA 1041 Emergency Services Instructor Level II
 - NFPA 1021 Fire Officer Level II
 - NFPA 1033 Fire Investigator
 - NFPA 1003 Airport Firefighter
 - NFPA 1051 Wildland Firefighter
- Emergency Operations Center Operations - Justice Institute of British Columbia 2018
- Emergency Operations Center Planning - Justice Institute of British Columbia 2018
- Emergency Operations Center Logistics - Justice Institute of British Columbia 2018
- Certificate in Supervisory Skills - Southern Alberta Institute of Technology (SAIT) 2017
- Primary Leadership Qualification - Air Command Academy DND 2011

Specialized Courses:

- Ground Search and Rescue Team Leader - Manitoba Emergency Services College 2014
- NFPA 1006 Surface Water Rescue Level II - Manitoba Emergency Services College 2015
- NFPA 1006 Structural Collapse Rescue Level II - Manitoba Emergency Services College 2016
- ICS 400 Incident Command System Canada; Advanced Incident Command for area command and complex incidents - Manitoba Emergency Services College 2016
- ICS Division/Group Supervisor Incident Command System Canada - Manitoba Emergency Services College 2015
- NFPA 1521 Incident Safety Officer - Manitoba Emergency Services College 2017
- Fire Inspector Level 2 (SCO Fire B2) - Safety Codes Council Alberta 2020
- Fire Investigator Level 2 (SCO Fire C2) - Safety Codes Council Alberta 2019
- NFPA 1021 Fire Officer Level II - Manitoba Emergency Services College 2016
- Principles of Fire Investigation Multi-Program (67 Hours) - IAAI-CFI 2021
- Fire Investigation for Fire Officers Multi-Program (25 Hours) - IAAI-CFI 2021
- Was the Fire Accidental Seminar - IAAI-CFI 2021
- Process of Elimination - IAAI-CFI 2021
- Introduction to Appliances - IAAI-CFI 2021
- Electrical Safety - IAAI-CFI 2021
- Basic Electricity - IAAI-CFI 2021
- ARC Mapping Basics - IAAI-CFI 2021

Seminars Attended:

- Lead Instructor Workshop Vehicle Extrication Seminar - Manitoba Emergency Services College 2014
- Lead Instructor Workshop Firefighting Seminar - Manitoba Emergency Services College 2015
- Fire Investigative Interview Techniques Seminar - Calgary Police Service 2018

Courses Instructed:

- Fire Fighting Practices Level I and Level II NFPA 1001 (Instructed / Evaluated)
- Driver/Operator Fire Apparatus NFPA 1002 (Instructed / Evaluated)
- Hazardous Materials Technician NFPA 472 (Instructed / Evaluated)
- Surface Water Rescue Level I and Level II NFPA 1006 (Instructed / Evaluated)
- Fire Officer Level I and Level II NFPA 1021 (Instructed / Evaluated)

Canadian Forces Decorations and Honors:

- United Nations Protection Force Medal (Former Republic of Yugoslavia)
- Canadian Peacekeeping Medal
- Canadian Decoration (CD1)
- Commander-in-Chief Commendation
- Governor General Citation

Affiliations:

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