

Keith B. Ellwood

CD, CFEI



P.O. Box 50057
Rivergrove, Winnipeg, Manitoba
R2V 1M5

TECHNICAL AFFILIATIONS

National Association of Fire Investigators
National Fire Protection Association – Certified Fire Inspector 2

CERTIFICATION

Certified Fire and Explosion Investigator (NFPA 1033)

PROFESSIONAL EXPERIENCE

Keith is a certified Fire and Explosion Investigator. His professional experience includes over 8 years with the Office of the Fire Commissioner and a further 8 years as a firefighter. As of January 2016, he has been involved in more than 100 fire, explosion or technical investigations. As a Fire and Life Safety Inspector, Keith conducted 556 inspections at various building and occupancy types as well as led 14 inspections at illegal grow-ops.

2020 to Present

Fire and Explosion Investigator, *Origin and Cause*
Winnipeg, Manitoba

- Investigate fire and explosion scenes to determine origin and cause

January 2016 to Present

Fire Investigator, *Office of the Fire Commissioner*
Manitoba

- Responsible for fire cause and origin investigations and associated written reports of incendiary, accidental, natural or undetermined fires in support of the Manitoba fire service and policing authorities. Activities include, but are not limited to, site and scene evaluation, photographing the scene, documenting witness statements, and evidence or exhibit collection. Liaise and assist police agencies, insurance adjusters or other government agencies in determining origin and cause
- Provincial emergency response to wildland fires and search and rescue incidents. Program development maintenance, and instruction in the Fire Investigation Program – Manitoba Emergency Services College, Brandon Manitoba. Provide continual education and training to the fire and policing services on fire investigations, scene and evidence security. Provide real-time consultative services and advice to OFC staff, other fire investigators, fire service personnel across the province when requested. Provide consultative services to local governments, communities, the insurance industry, emergency services departments, provincial agencies, institutions, school boards, and industry with recommendations relative to fire prevention, fire safety and emergency planning and response and fire investigation and relevant fire and emergency response legislation, regulations and standards

July 2012 to January 2016

Fire/Life Safety Inspector, *Office of the Fire Commissioner*
Manitoba

August 2011 to July 2012

Firefighter/Crew Chief, *Canadian Forces Air Reserve*
CFB Winnipeg, Manitoba

November 2010 to May 2011

Fire Safety Inspector, *SNC Lavalin*

Keith B. Ellwood

MSC, MB, CD, MA, CFEI

P.O. Box 50057
Rivergrove, Winnipeg, Manitoba
R2V 1M5

February 2003 to April 2010

Engineering Branch (NCM), *Canadian Forces*
Kingston, Ontario/Winnipeg, Manitoba

March 1990 to February 2003

Logistics Branch (NCM), *Canadian Forces*
Kingston, Ontario/Calgary, Alberta

March 1999 to July 2006

Firefighter, *Kingston Fire & Rescue*
Kingston/Pittsburgh Township, Ontario

EDUCATION

Manitoba Emergency Services College

- ATF Electrical Aspects of Fire Investigation, 2019
- Introduction to Inspecting High Hazard Occupancies, 2019
- Wildland Fire Fighting for Structural Firefighters, 2018
- Fire Ground Management, 2018
- ATV Operations for Emergency Services, 2017
- Youth Firesetter Intervention Specialist, 2017
- CPKN Forensic Evidence Collection, 2017
- Report Writing for Fire Investigators, 2016
- Part 3: Large Buildings – Fire Protection, 2015
- Part 3: Large Buildings – Health & Safety, 2015
- Fire Investigator Practical Certification (NFPA 1033), 2015
- Fire Investigator Written Certification (NFPA 1033), 2015 Fire Investigation Accreditation (NFPA 1033), 2015
- Fire Investigation Practical (NFPA 1033), 2015
- Fire Investigation Theory (NFPA 1033), 2015
- OFM - The Arson Prevention Program for Children, 2015
- Fire Protection & Emergency Planning, 2014
- Fire and Life Safety Educator Level I (NFPA 1035), 2013
- Municipal By-Law Administration 2013
- Part 3: Large Buildings – Classification & Construction, 2013
- Part 3: Large Buildings – Life Safety Systems, 2013
- Part 9: Buildings – Fire Protection, 2013
- Incident Command System I-200, 2012
- Part 9: The House – Health & Safety, 2012
- Part 9: The House – Building Envelope, 2012
- Incident Command System I-100, 2010
- Fire Inspector Level I & II (NFPA 1031), 2009

Canadian Forces Fire Academy

- Driver/Operator – Pumper, Aerial, ARFF (NFPA 1002), 2006
- Airport Firefighter (NFPA 1003), 2006
- Firefighter Level II (NFPA 1001), 2006
- Fire Services Instructor Level I (NFPA 1041), 2006
- Hazardous Materials Operations, Technician (NFPA 472), 2006

FURTHER TRAINING AND EDUCATION

- Safety Services Manitoba Lift Truck Operator, 2019
- Attendee Canadian Identification Society Conference, 2018
- Attendee – Origin and Cause Education Conference, 2017

- Modern Fire Behaviour Seminar, 2016
- Nailor Fire Damper Training Session, 2015
- ASHRAE Seminar on Commercial Kitchen Ventilation, 2014
- CASA NFPA 13 Seminar/Plans Review 2013 First Aid/CPR Instructor, 2011
- TFT Repair Technician, 2010
- ISI SCBA Technician II Certification, 2010
- Respiratory Protection Program Administrator Certification, 2008
- MSA Certified Air-Mask Repair Education Technician, 2008
- Ice Water Rescue 2000 WHMIS Supervisor Training, 2000

PROFESSIONAL ACHIEVEMENTS

- Lecturer on Fire and Explosion Investigations to third-year students – Forensic Sciences Course University of Manitoba
- Presenter at the 2017 South Interlake Mutual Aid District Fire Prevention Conference: Fire Investigations and Reporting – Is there a value to investigating and reporting fires?
- Presenter at the South East Region Tribal Council Conference – Fire Safety in Buildings, review of Fire Safety in Homes and Other Buildings
- Presenter at the First Nation Housing Manager Forum – Fire and Life Safety Inspections
- Recipient of the Canadian Forces Decoration for 12 years of dedicated service
- Recipient of the Canadian Forces Medal for service in Southwest Asia
- Recipient of the Canadian Forces Peacekeeping Service Medal
- Recipient of the United Nations Medal for service in Cambodia
- Top Student – Firefighter Qualification Level 2 - Canadian Forces Fire Academy
- Ranked third out of 50 candidates – Primary Leadership Qualification Canadian Forces Leadership School