



Sean Lewis

MESC, CFEI

Fire and Explosion Investigator

OFFICE

Winnipeg

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CONTACT

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Sean is a Certified Fire and Explosion Investigator and to date has performed over 170 fire and explosion investigations. He also has a background as an Emergency Services Professional with 24 years of experience, specializing in environmental health and safety, structural fire investigation, and emergency medical responses. Sean served as a Firefighter/Acing Captain at Winnipeg Airports Authority and is currently a Captain and Fire Investigator with the Selkirk Fire Department.

CERTIFICATIONS

- Certified Fire and Explosion Investigator (CFEI)
- 1033: Standard for Professional Qualifications for Fire Investigators
- Incident Command System (ICS 200)
- 1001 – Structural Fire Fighter Level II
- 1006 – Surface Water Rescue Technician
- 1006 – Confined Space Rescue Technician
- 1006 – Technical Rope Rescue Technician
- 1041 – Manitoba Emergency Services College – Instructor
- 472 – Hazardous Materials Operations Level
- Emergency Medical Responder
- CARs 323.14 Certified
- Resource Unit Leader- ICS Canada
- Strike Team/Task Force Team Leader – ICS Canada
- Liaison Officer – ICS Canada
- Manitoba Class 3 Driver License, including airbrake endorsement
- Anhydrous Ammonia Emergency Response

PROFESSIONAL EXPERIENCE

Fire and Explosion Investigator

OCI Group (Formerly Origin and Cause Incorporated)

Winnipeg, Manitoba

August 2024 – Present

Acting Captain/Firefighter

Winnipeg Airports Authority

November 2018 – July 2024

- Reported to the Fire Captain and was responsible for delivering Aircraft Rescue Firefighting services, including providing emergency first aid
- Performed the duties of Acting Captain when required
- Initiated fire suppression activities and assisted with evacuation and rescue operations

- Delivered airport services such as wildlife hazard management and safety hazard monitoring, reporting, investigation, and mitigation
- Developed and executed safety programs
- Maintained inventory of related equipment and supplies

Safety and Training Officer/Fire Investigator/Captain

Selkirk Fire Department

May 2000 – Present

- Active member of the Selkirk Fire Department
- Rope Rescue Team; Confined Space Team; Surface Water Rescue Team
- Coordination, planning and implementation of training and safety for entire department
- The coordinator for the South Interlake Ground Search and Rescue Team
- Conduct Fire investigations using the scientific method supplemented by the NFPA 921
- Contract instructor with the Manitoba Emergency Services College to facilitate instruction in the following courses: NFPA 1001 Level one and two, Emergency
- Vehicle Operation, Traffic Control Seminar, Ground Search and Rescue, Vehicle Extraction, and Rescue Practices

Customer Service Representative

Reliant Action

November 2017 – November 2018

- Worked with the public for general health and safety supplies
- Worked with City of Winnipeg for general health and safety supplies
- Provided personal protective equipment (PPE) and tools of the trade such as firehose, nozzles, and appliances to private-sector fire departments

Corporate Risk Management Specialist

Richardson International

September 2012 – November 2016

- Managed 400+ employees in 25 agribusiness sites across Southeastern Saskatchewan, Vancouver, and in the USA to assist in working in safe facilities
- Responsible for liaise between site safety personnel and managers
- Developed and delivered onsite training for incident reporting systems with

- continual assistance for entering incident reports and online learning platforms
- Developed and maintained the Anhydrous Ammonia emergency response schedules training
- Published monthly content for safety awareness
- Reviewed annual policies and other site-specific Standard Operating Procedures for regulation changes and task-specific corrections on an annual basis or as requested
- Onsite audit of the internal environmental, health and safety program
- Assisted contractors to perform air quality and noise exposures for at-risk sites
- Worked with onsite personnel to assist in the process to eliminate or control recognized hazards throughout the facility

Health and Safety Specialist

Gerdau Long Steel North America

May 2009 – September 2012

- Responsible for coordinated Joint Health and Safety (JHSC) meetings, resolutions and lead investigations with Union members, managers/supervisors and alone with union members
- Entered incident reports as needed for hazard assessments, near misses and injuries
- Collaborated with all departments to assist in employee safety needs as well as answering questions for contractor safety
- Conducted daily site orientations for new employees and third-party contractors
- A leader for minimizing conflict while working with management during negotiation
- Worked in combination with WCB and Human Resources to facilitate Disability Management when employees were hurt in the line of duty

Auxiliary Constable

Royal Canadian Mounted Police

April 1993 – May 1996

- Performed routine patrols, conducted arrests and detained suspects
- Responded to emergent and non-emergent calls
- Helped to resolve conflict, reduce tension by using calming communications during high-stress situations
- Communicated with other police officers and dispatch