Institution of Fire Engineers

Canada Branch

MARIJUANA GROW FACILITIES; FIRE & EXPLOSION RISKS FROM CLANDESTINE DRUG LABS TO LEGAL GROW FACILITIES.

PROFESSIONAL DEVELOPMENT EVENT

CAN/ULC-S4400

Understanding the newly released ULC Standard; for Safety of Buildings, Premises and Equipment Utilized for the Cultivation, Production and Processing of Cannabis.

This unique presentation will be well attended by Fire Services, Police Services, Building Owners, Facility Managers, Health & Safety Professionals, Emergency Planners and more.



SPEAKERS

MARIJUANA GROW FACILITIES; FIRE & EXPLOSION RISKS FROM CLANDESTINE DRUG LABS TO LEGAL GROW FACILITIES

Presented by Jason M. Williams, *OFMEM Fire Investigation Unit*

CAN/ULC-S4400, STANDARD FOR SAFETY OF BUILDINGS, PREMISES AND EQUIPMENT UTILIZED FOR THE CULTIVATION, PRODUCTION AND PROCESSING OF CANNABIS

Presented by Brian McBain, *Codes and Regulatory Services, Underwriters Laboratories of Canada Inc.*

TUESDAY, MAY 21, 2019

9:00AM – 12:00PM

LOCATION: Fire and Emergency Services Training Institute (FESTI)

2025 Courtneypark Dr E, Mississauga, ON L5T 1J3

2.0 Continuing Professional Development Credit Hours awarded by IFE Canada towards maintaining your Professional Designations.

IFE Canada Members: $50.00	**Non-IFE Members:** $75.00
Register: www.ife.ca/events	**Contact:** secretary@ife.ca

ABOUT THE SPEAKERS

***Jason M. Williams** is a fire and explosion investigator with the Office of the Fire Marshal and Emergency Management for the Province of Ontario.*

Jason has conducted numerous investigations in relation to fires/explosions involving Marijuana Butane Honey Oil (BHO) Operations. In 2017 Jason published a paper titled "Marijuana Butane Honey Oil (BHO) Fire and Explosion Investigations", which was published by the Canadian Association of Fire Investigators, International Association of Fire Investigators and Blue Line Magazine. Jason has lectured on this topic at the Ontario Police College and the Ontario Fire College and has been deemed an Expert in this field in both the Ontario and Superior Courts of Justice.

MARIJUANA GROW FACILITIES; FIRE & EXPLOSION RISKS FROM CLANDESTINE DRUG LABS TO LEGAL GROW FACILITIES

Marijuana BHO Operations have inherent hazards and dangers associated with the extraction process undertaken by the manufactures of the illicit marijuana concentrate product. Fire and Explosion incidents are occurring at the illegal drug producing facilities, which have caused serious injuries, property damage and even death. Topics Covered: Introduction, History of BHO What is BHO? Types, Value and Consumption Production of BHO Hazards (Production and Investigation) Investigations of BHO Operations Case Studies.

***Brian McBain** has over 24 years of experience in fire and emergency services and has worked in all aspects of fire and life safety. He presently works for Underwriters Laboratories of Canada (ULC) as a Senior Regulatory Affairs Representative where he provides assistance to regulatory authorities across Canada in all disciplines with regards to ULC certifications and ULC Standards.*

Mr. McBain has worked at ULC for 13 years. Previously, Mr. McBain also served three years at the Ontario Office of the Fire Marshal and Emergency Management as a Fire Protection Specialist, worked nine years in the Fire Protection and Life Safety industry and currently has 24 years of service as a volunteer Firefighter, Fire Training Officer and Fire Prevention Officer.
Mr. McBain holds a Fire Protection Diploma from Algonquin College.

CAN/ULC-S4400, STANDARD FOR SAFETY OF BUILDINGS, PREMISES AND EQUIPMENT UTILIZED FOR THE CULTIVATION, PRODUCTION AND PROCESSING OF CANNABIS

CAN/ULC-S4400, Standard for the Safety of Premises, Buildings and Equipment Utilized for the Cultivation, Production and Processing of Cannabis This standard and future regulatory instrument is intended to assist designers, property owners, engineers and regulators set the baseline in ensuring the safety and security of the cannabis premises, buildings and processing. The presentation will provide a brief history of this standard initiative, a description of the main features of the standard and future plans and initiatives.

THE INSTITUTION OF FIRE ENGINEERS - CANADA BRANCH

Promoting the safest possible Canada through progressive and professional collaboration between Fire Engineering practitioners.

Founded in 1918, the IFE is a non-profit making professional body with a rapidly growing membership of over 10,000 and a global reach that extends through 42 international branches. Licensed by the Engineering Council, the IFE upholds professional standards within all public and private fire sectors by offering assessment of knowledge, experience and development and engages with major stakeholders to offer international conferences, identify and promote good practice and enhance technical networks worldwide.

Over the years we have expanded our membership base and we now have members in every province of Canada. Our objective; To encourage and improve the science and practice of Fire Extinction, Fire Prevention, Fire Emergency Management, Fire Engineering and all operations and expedients connected therewith, and to give an impulse to ideas likely to be useful in connection with or in relation to such science and practice to the members of the Institution and to the community at large.

IFE MEMBERSHIP OFFERS YOU:

- ✓ Status (complete with post-nominal) as a competent and professional fire engineer with global recognition.
- ✓ Free subscription to the International Fire Professional journal.
- ✓ Regular informative e-newsletter.
- ✓ Discounted conferences and training events.
- ✓ 10% off IFE publications – see www.ife.org.uk/shop.
- ✓ An opportunity for career progression through a range of examinations recognized by OFQUAL.
- ✓ Support for education, training and Continuing Professional Development (CPD).
- ✓ A voice in national and international debate on issues affecting the world of fire engineering.
- ✓ Involvement in the development of the profession.
- ✓ An opportunity to network with fellow professionals throughout the UK and Canada, including meetings and social functions.
- ✓ Involvement in Special Interest Groups for the discussion of issues in fire engineering.
- ✓ Impartial, friendly advice on how to become an Engineering Technician (EngTech), Incorporated Engineer (IEng) or Chartered Engineer (Ceng).

Website: www.ife.ca