

FCIA Existing Building Fire-Resistance Symposium
Simon Fraser University, Wosk Centre for Dialogue
Vancouver, BC



The FCIA Existing Building Fire-Resistance Symposium is the premier event in Canada for the fire-resistance-rated and smoke-resistant industry in Canada. The event features a full-day of education focused on the various elements of firestopping, including the 'DIIM' of Firestopping - 'D'esign, 'I'nstallation, 'I'nspection, and 'M'aintenance of Protection – and Barrier Management.

Note: Building Code Officials, Fire Marshals, Architects/Specifiers/Engineers at Design Firms, and Facility Management Personnel at Health Care or Educational Facilities are invited to attend the FCIA Existing Buildings Fire-Resistance Symposium for FREE on October 3.

REGISTRATION REQUIRED

Monday, October 3, 2022

Asia Pacific Hall

7:30 am – 4:00 pm PDT	Registration Open
7:30 am – 8:15 am PDT	Continental Breakfast
8:15 am – 8:45 am PDT	FCIA Welcome & Association Comments <i>Bill McHugh, FCIA Executive Director</i>
8:45 am – 9:30 am PDT	Fire-Separations, Firestopping & Code Requirements <i>Rich Walke, CTI-Consultant to FCIA Bill McHugh, FCIA</i> The National Research Council (NRC) of Canada manages the National Building and Fire Codes of Canada (NBCC, NFCC) development processes for fire-resistance, roofing and energy, and more. Learn about new developments in the 2020 NBCC, and more.
9:30 am – 10:30 am PDT	Firestop Design, Installation, & Inspection <i>Bill McHugh, FCIA Brian Bray, UL</i> This session looks at the design requirements for various applications, including head-of-wall joints, gypsum wallboard penetrations, intumescent designs, and more. Then, we'll discuss the installation requirements for these applications, including installation challenges and solutions, and how to inspect these installed systems.
10:30 am – 10:45 am PDT	Break
10:45 am – 11:45 am PDT	Perimeter Fire-Containment <i>Rich Walke, CTI, Consultant to FCIA</i> This program focuses on perimeter fire containment systems, including the fire test standards developments over the years, code requirements, advantages and disadvantages of configurations. There is particular attention paid to ASTM E2307's incorporation into CAN/ULC-S115, <i>Standard Method of Fire Tests of Firestop Systems</i> .
11:45 pm – 12:45 pm PDT	Luncheon

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12:45 pm – 1:45 pm PDT

MWT/CLT & Firestopping: Can This Work?

Julio Lopes, STI | Matthew Winston, HILTI

The evolution of Mass Wood Timber (MWT) and Cross-Laminated Timber (CLT) buildings has driven code changes and interest in the construction industry. The result is that MWT/CLT buildings are growing in number, accompanied by the ability to go higher than ever before. In Canada, there is anticipation for formal adoption of Encapsulated Mass Timber Construction (EMTC) within the National Building Code of Canada. This presentation looks at the efforts made to address one aspect of fire protection in MWT/CLT buildings: firestop.

1:45 pm – 2:45 pm PDT

Firestopping Basics for Combustible Pipes

Julio Lopes, STI | Cory Norman, P.Eng, IPEX, Inc. | Jim Paschal, P.E., LEED AP, Aquatherm | Matthew Winston, HILTI

Combustible pipes are being used with increasing regularity in the construction industry. But there are obvious limitations to properly firestopping these penetrations. Hear from this manufacturer panel as they discuss proper firestop installation practices, problem situations, solutions, and more.

2:45 pm – 3:00 pm PDT

Break

3:00 pm – 4:00 pm PDT

Maintaining Protection: Best Practices for Facility Directors

Bill McHugh, FCIA

The National Fire Code of Canada, International Fire Code, the NFPA 1 Fire Code, the NFPA 101 Life Safety Code, and other Fire Codes have requirements for maintaining fire-resistance protection in existing buildings. The codes also reference Standards – the key to establishing fire-resistance ratings. To build a program that maintains fire-resistance protection, documentation of the built systems is needed as the building is handed over to the building owner and manager. This means Division 1 of Specifications must communicate what's needed. Building owners and managers may not be aware of the requirements and their responsibility for maintaining protection of these barriers. This session covers the code requirements for maintaining protection in existing buildings, including an Inventory of Fire-Resistance-Rated new and archaic assemblies.

4:00 pm

Closing Remarks

Bill McHugh, FCIA

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FCIA Education for the FM & ULC Firestop Exams education sessions help FCIA Members and others prepare for the FM & ULC Firestop Exams. They also help FM & ULC DRIs attain and maintain FM 4991 Approved or ULC Qualified Firestop DRI status, Firestop Inspectors to prove competence to AHJs or International Accreditation Services IAS AC 291 Special Inspection Agency responsible individual status.

REGISTRATION REQUIRED

Tuesday, October 4, 2022

Executive Meeting Room 470

7:30 am – 12:00 pm PDT

Registration Open

7:30 am – 8:00 am PDT

Continental Breakfast

8:00 am – 10:00 am PDT

FCIA Education for the FM & ULC Firestop Exams*

Rich Walke, CTI Consultant to FCIA | Bill McHugh, FCIA

The FM & ULC Firestop Exams are based on FCIA's Firestop Manual of Practice (MOP), the FM and ULC program guides, and systems selection and analysis. These exams are used for Contractor personnel to become FM 4991 Approved and/or ULC Qualified Contractor Program DRIs. For Special Inspectors, passing an exam proves firestopping competency to the Authority Having Jurisdiction (AHJ), required by the IBC's Chapter 17. Passing an exam is also a requirement in IAS AC 291 for the Inspector to become a Responsible Person. The Test Prep Sessions help prepare individuals for the FM and ULC Firestop Exams and help support individual preparation for this rigorous exam, further strengthening your firestopping knowledge.

* This program IS NO SUBSTITUTE for reading FCIA's Firestop Manual of Practice and studying the FM and ULC program guide and systems selection and analysis before the exams.

10:15 am – 10:30 am PDT

Break

10:30 am – 11:30 am PDT

FCIA Education for the FM & ULC Firestop Exams, continued

11:30 am – 12:30 pm PDT

Quality Management System Manual Development Education

Bill McHugh, FCIA | Brian Bray, UL Solutions

Pursuing FM 4991 Approval, ULC Qualification, or IAS Accreditation? This session takes an in-depth look at the Quality Management System Manual required by these programs and contains tips for how to write one for your company. It also covers what questions might be on the exam – both quality management and firestopping.

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REGISTRATION REQUIRED

Tuesday, October 4, 2022

Executive Meeting Room 470

12:30 pm – 1:00 pm PDT

Lunch for FM & ULC Firestop Exam Education Session Attendees

1:00 pm – 4:00 pm PDT

FM & ULC Firestop Exam for DRI Candidates & Inspection Personnel

Note: The ULC Firestop Exam is an OPEN BOOK exam. ULC Exam Participants MUST provide your own copy of the FCIA Manual of Practice. The ULC Addendum covers questions specific to Canada. The FM Firestop Exam DOES NOT allow use of the MOP during the exam.



Stay tuned to www.FCIA.org for event updates and important FCIA news!

If everyone at FCIA educates someone about what firestopping and effective compartmentation is – and the importance of our industry – we'll make a difference in the demand for safe buildings delivered by FCIA Members.

"I believe life is about bettering yourself, every day, in everything you do. After all, you only get one chance in life. So why not better ourselves within our industry."

A handwritten signature in black ink, appearing to read "Jerry Dugan, Jr.".

Jerry Dugan, Jr., 2022 FCIA Board President