



NEW & IMPROVED FCIA FCAEP FIRESTOP LEVEL 1 PROGRAM LAUNCHES

Earlier this year, FCIA launched the [FCIA Certificate of Achievement Education Firestop Levels 1 & 2 Programs \(FCAEP\)](#).



FCIA is happy to announce the release of an update to the Firestop Level 1 Firestop Certificate of Achievement Education Program. This new update, launched with the same robust technical content, now features “live action” video and pictures to bring the program to life.

FCIA's Education Chair Tyler Ferguson worked with videographers to take the existing programs and add dynamic, live-action visual content, thereby making these programs even better than when we launched the program this May.

Why get a Level 1 Certificate?

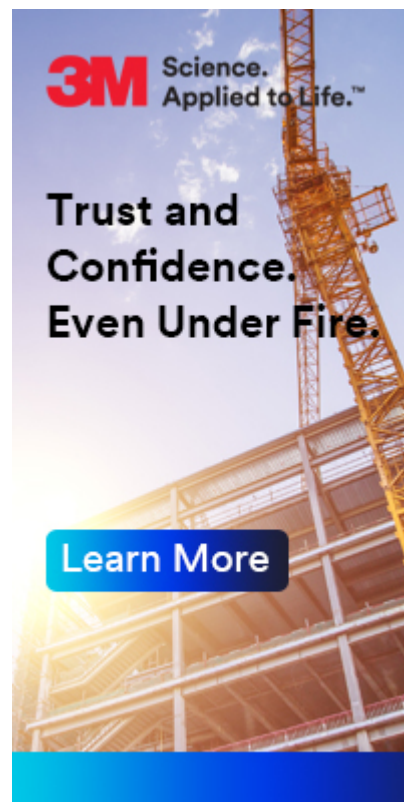
FCIA Members have long invested in Membership and company FM 4991 Approved and/or UL-ULC Qualified Firestop Contractor Programs. Now, the FCAEP provides companies a way to invest in their personnel, all levels.



FCIA's Level 1 FCAEP technical content adds value through the 'DIIM' of Firestopping:

- 'D'esign – Codes, Standards, Tested and Listed Systems
- 'I'nstallation – Systems selection, installation, industry accreditation programs
- 'I'nspection – ASTM E2174/E2393 Inspection Standards, competencies, systems analysis

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IMPROVED FCAEP cont'd

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'M'aintaining Protection – Firestop systems visual inspection for long life

Participants must pass an assessment after watching each of the Course videos. Once

all the Course requirements are fulfilled, the participant must then pass a Final Exam to earn a FCIA Firestop Level 1 Certificate of Achievement for the 2.5-hour program, proving competency!

FCIA Specialty Firestop Installation Contractor and Inspection Agency Company Members, AHJ's, Specifiers at design firms, don't miss this opportunity to provide a benchmark level of firestopping knowledge to new and existing employees!

Learn more at www.learning.fcia.org.



NEW LINK FOR ONLINE UL-ULC FIRESTOP CONTRACTOR QUOTE REQUEST

UL recently announced a new link for their online quote request process for Specialty Firestop Installation Contractors to pursue approval in the UL-ULC Qualified Firestop Contractor and Spray-Applied Fire Resistive Material (SFRM) Contractor Programs.

Although UL is still limited in their ability to travel for audits and exam opportunities, applicants have the ability to test online for those interested in pursuing either program. Applicants for either the UL-ULC Qualified Firestop Contractor Program and/or the UL Qualified Spray-Applied Fire Resistive Material (SFRM) Contractor Program can use the link to initiate the process of requesting a quote.

For more information, visit www.ul.pushbot.com/form/qfcp-new-customer.



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ICC ANNOUNCES MODIFICATION TO FIRESTOP SPECIAL INSPECTIONS, RESIDENTIAL BUILDINGS

A modification to the IBC 2021 Section 1705.18 (Firestop Inspections in *Group R*) states that the installation of firestops, fire-resistant joint systems, and perimeter fire barrier systems in residential-use buildings now requires special inspection in those Group R (Residential) fire areas having an occupant load exceeding 250.

Penetration firestop, fire-resistant joint system, and perimeter fire containment system special inspections are required for buildings in *Risk Categories III* and *IV* and high-rise buildings located 75' above the lowest occupiable floor measured from lowest fire-department access.

Fire-resistance-rated compartmentation is a critical fire protection feature in many *Risk Category II Group R* buildings too.

When through-penetration firestop systems and fire-resistant joint systems are not properly installed, the integrity of the fire-resistance-rated assemblies is compromised. To adequately protect people where they live, the requirement for special inspection of firestop, fire-resistant joints, and perimeter containment systems has been expanded to include larger

buildings containing residential occupancies.

The scope of the special inspection requirement is limited to *Group R* fire areas containing an occupant load of more than 250 people within the fire area. Unless a high-rise condition exists, such special inspection is not required provided the *Group R* building has an occupant load of 250 or less, or where the building has been subdivided into complying fire areas so that no *Group R* fire area occupant load exceeds 250.

Guess who the proponent of this change to the IBC was? That's right, it was FCIA, with both Bill Koffel and Bill McHugh testifying at the ICC Committee Action Hearings and Public Comment Hearings. FCIA's Code Committee felt this was important to get firestop inspection in the code – and was able to overcome opposition to be successful.

Installation by a Specialty Firestop Installation Contractor followed by inspection by a competent Special Inspection Agency means better firestopping and a safer building.

Click [here](#) to read the full significant change.

DID YOU SEE THE UL NUMBERING SYSTEM CHANGE ANNOUNCEMENT?

UL was running out of numbers in its Classification System, so to fix the problem, UL added a digit to the number in the alpha/numeric numbering system.

Need to know more? Check out [FCIA's Technical Resources Page](#) and [UL's Resources Page](#). Also, check out this link too: [UL Numbering Systems for Penetration Firestop Systems and Joint Systems](#).



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FCIA, ICC, & NFPA

FCIA's Code Committee had a productive year at the International Code Council (ICC) and NFPA.

FCIA's Bill McHugh, along with Rich Walke, Creative Technologies, Inc., and Bill Koffel, Koffel Associates, both consultants to FCIA, travelled to Pittsburgh to participate in ICC's Public Comment Hearing (PCH) – live and in-person.

After approval of a proposal to correct the firestopping sleeve section, Bill Koffel submitted a public comment to clarify language in the installation details section, 714.3. The change would clarify that where sleeves are used in a firestop system, they need to be installed in accordance with the listing. Where generic materials are used to protect a concrete or masonry assembly, (such as 714.4.1) sleeves are installed in accordance with the sleeve manufacturer's instructions.

At ICC's PCH, Rich Walke's FCAC proposal added the ASTM E2837 Continuity Head of Wall Standard reference in the 2024 IBC. Referenced in IBC 2024, ASTM E2837 will be specified as architects like to reference standards, for quantified resistance.

Previously, FCIA's proposal that firestop systems, joints, and perimeter fire containment systems are installed in accordance with the tested and listed system specs and manufacturer's instructions – assigns design responsibility to others – in 2018, 2021 and 2024 IBC Codes.

Plus, now in the 2021 IBC, Special Inspection Residential (Group R) Buildings greater than 250 occupants is now required – protecting people.

Success at code development comes from long-term commitment. FCIA's efforts at ASTM, ICC, NFPA, and NBCC the past 20+ years has resulted in many of these changes to the Codes. The IBC Chapter 17 - 1705.18 Special Inspection section for Fire-Resistant Penetrations and Joints – was the result of a question asked by two FCIA Contractor Members at a 1999 FCIA Conference.

Thanks to the hard work of FCIA and manufacturers at ASTM, there are two ASTM Firestop Inspection Standards, and Firestop Inspection is now required in the Code for certain occupancies.

FCIA also had good support for a proposal that would have

required firestopping at penetrations and joints, as well as perimeter fire-containment systems, to be labeled with the tested and listed system number and more. This was disapproved. We hope the task group developing an ASTM Standard for labeling finishes their work in time for the next code development cycle.

Another proposal that will add protection to people in buildings was a proposal changing the definition of a High-Rise Building to:

HIGH-RISE BUILDING. A building with an occupied floor or occupied roof located more than 75 feet (22 860 mm) above the lowest level of fire department vehicle access.

It seems building owners are adding occupiable roofs as a building feature, thereby creating outdoor space that wasn't available before. Those people who visit occupiable rooftops need equal protection, just as if they were standing on the floor below. This approved proposal allows that.

As a result, the rooftop now needs to be fire-resistance-rated, where it was not required before. To maintain fire-resistance continuity, firestopping is needed too. This could affect existing buildings where firestopping might not exist at the roof assembly.

The National Association of State Fire Marshals (NASFM), Washington Association of Building Officials (WABO), and others supported this change. Bill McHugh also testified in support of this proposal. Opposition to the change came from the Polyisocyanurate Insulation Manufacturers Association (PIMA) and American Chemistry Council (ACC), American Wood Council (AWC), National Association of Home Builders (NAHB), Building Owners and Managers Association (BOMA), and the National Multifamily Housing Council (NMHC).

Other proposals from a City and County of Denver Code Official included the removal of a requirement to have firestop penetrations and perimeter fire containment in open parking garages. Expansion joints were already excluded from the requirement. A proposal from the International Firestop Council (IFC) to require firestopping at exterior walls was also disapproved.

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FCIA, ICC, & NFPA cont'd

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At NFPA, there were no major submissions to change the 2021 code for the 2024 NFPA 101/5000 codes for firestopping.

In Canada, we're working on getting special inspection for firestopping into the National Building Code of Canada (NBC), similar to what is in the IBC. We're also working at the National Fire Code of Canada (NFC) to have a visual review of fire-resistance for maintaining protection for the building life cycle.

As you can see, there is always a lot going on at the code

development processes, whether it be the International Family of Codes, the National Building Code of Canada, or NFPA.

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OSHA'S EMERGENCY TEMPORARY STANDARD ON VACCINATION AND TESTING

OSHA recently announced a new [Emergency Temporary Standard on Vaccination and Testing](#) (ETS).

Here are four things you need to know:

1. Employers with at least 100 employees will be required to adopt a mandatory vaccination policy unless they adopt a policy requiring unvaccinated workers to undergo weekly testing and wear a face covering at work.
2. Covered employers must provide paid time for workers to get the COVID-19 vaccine and ensure workers have paid sick leave to recover from any side effects that prevent them from working.
3. Employers must comply with most provisions by 30 days after the date of publication in the Federal Register, and comply with the testing requirement by 60 days after the date of publication in the Federal Register. [Learn more about compliance dates here.](#)
 - *FCIA NOTE: While there is a lawsuit pending, our legal friends tell us to plan for this new ETS now, as it could be implemented Jan. 4, 2022.*
4. Businesses that don't comply may face significant OSHA fines.

Other helpful resources:

- Submit a comment: If you have comments, feedback, or information on OSHA's COVID-19 Vaccination and Testing ETS you would like the agency to consider, please submit a comment electronically at [regulations.gov](https://www.regulations.gov) (Docket Number OSHA-2021-0007). You can consult OSHA's How to Participate fact sheet to learn more about the process. (Please note: any information submitted only to this email address will not be part of the record and will not be considered by the agency.)
- FAQ's - After spending time researching, we found the ETS Frequently Asked Questions seems to have a lot of valuable summary information for FCIA Members and others. This resource can be found at www.osha.gov/coronavirus/ets2/faqs.

For additional information on OSHA's COVID-19 response visit www.osha.gov/coronavirus.

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FCIA 2022 BOARD OF DIRECTORS ANNOUNCED

FCIA Voting Members cast their ballot for the open position on the [2022 FCIA Board of Directors](#). Candidates were featured in *FCIA Candidate Spotlight Videos* introducing Voting Members to Candidates, who explained why they were running. Each person highlighted what they hoped to accomplish should they win the seat.

FCIA's 2022 Board of Directors was announced during the "FCIA There Will Be A Party. With People. Finally! Annual Awards

Dinner" at FIC '21 in San Diego. Congratulations to Gus Mancini of Gleeson Powers, the newest FCIA Board Director! Gus begins his board term January 1, 2022.

Also, best wishes to Bryant Bickmore of Seal-Co, who ends his Board term on December 31, 2021. A big "THANK YOU!" for serving as a Director and President at FCIA – and for his work driving FCIA education programs.

Now, without further ado, introducing the 2022 FCIA Board of Directors:

Jerry Dugan, Jr. (President)
Ben Urcavich (Past President)
Tyler Ferguson (Director)
Alan Mcdurmon (Director)
Scott Rankin (Director)
Tracy Smith (Director)
Mark Dietz (Director)
Gus Mancini (NEW Director)
Jay McGuire (Director, not pictured)



FCIA MEMBERSHIP RENEWAL PROCESS BEGINS

It's that time of year when the seasons change, and people and businesses start to look ahead to the next year. It's also the time of year for FCIA Membership renewals!

FCIA Members, make sure to check your mail and your inbox for renewal invoices and more information. For more information, contact cathy@FCIA.org.



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FIC '21 - ANOTHER ONE IN THE BOOKS



FIC '21 just wrapped up at the Rancho Bernardo Inn in San Diego, CA, and we're happy to report that we've wrapped another successful event!

This November 2-5, FCIA welcomed 120 in-person attendees, 38 guests, and 60 virtual attendees for the 22nd annual FCIA Firestop Industry Hybrid Conference & Trade Show - FIC '21.

The week began with the FCIA Education for the FM & UL Firestop Exams, the FM & UL Firestop Exams, and the FCIA Board Meeting. Attendees gathered that evening for an outdoor welcome reception, the first time FCIA Members had been able to gather in a large social event since FIC '19.

On Wednesday, we kicked off the Conference agenda with a dynamite keynote session from Dave Rosenberg, a decorated combat veteran, that literally had attendees on their feet during the session. This set the tone for the week filled with exceptional education for the firestop industry.

From the interactive panel on Perimeter Fire Containment Assemblies with Tony Crimi and Ed Goldhammer and representatives from 3M, Balco, HILTI, Thermafiber, and STI to the ASHE Update with Anne Guglielmo, the economic update with Anirban Basu to the introduction to the UL Fire Safety Research Institute from Steve Kerber, each

and every session built upon the energy from the session before.

There was also a session presented by Aideen Doneski that looked at the data provided by Dodge Data and how FCIA can use this data to help increase the instances where the FM 4991, UL QFCP, and inspection specifications are held, where Specialty Firestop Installation Contractors and Special Inspection Agencies are specified, and much more.

FCIA Members can find the presentations in the Members Only section at www.FCIA.org.

But it wasn't all business at FIC '21. The FCIA President's Memorial Golf Tournament saw great support once again, continuing to fund the FCIA President's Memorial Scholarship for future Fire Protection Engineers. We also had the opportunity to welcome families and guests for a fun arcade-themed night at the FCIA, There Will Be A Party. With People. FINALLY! Annual Dinner & Awards event. Here, attendees were entertained by classic arcade games before congratulating the FCIA 2021 Award winners - Tracy Smith, Bryant Bickmore, Aideen Doneski, and Tyler Ferguson - and welcoming in the 2022 FCIA Board of Directors, including new Board Member Gus Mancini. It was great to see our friends and Members enjoying themselves together at this event once again.

Thanks to all who attended and supported this event - whether attending in-person or attending online. Make your plans to join us next May 16-20, 2022 in Nashville, TN (finally!) for ECA '22!



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REGISTRATION NOW OPEN FOR VIRTUAL MIDDLE EAST SYMPOSIUM

Registration has opened for the [FCIA Virtual 'DIIM' Firestop & Effective Compartmentation in Existing Buildings Symposium Middle East](#).

The fully virtual **FREE** event brings two-days of virtual education on the firestop and effective compartmentation industry and Barrier Management in the Gulf Region.

With content developed specifically for Specialty Firestop Installation Contractors, Special Inspection Agency personnel, members of the Department of Civil Defence and Municipality, Building Owners and Managers, Architects, Engineers, and Specifiers with Design Firms, this event is the premier educational event for all those involved in the fire and life safety industry in the Gulf Region.

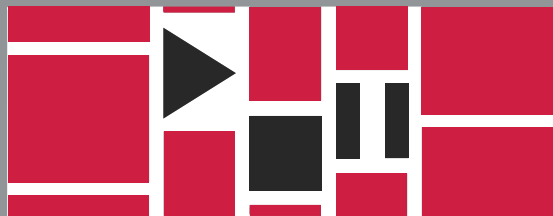
Register once. Attend one or all sessions. Register today!

5-6 December 2021 • 1500 pm - 1930 pm GST daily



EDUCATIONAL
WEBINAR
SERIES

'21



'All You Ever Wanted to Know About Fire Doors'
with Keith Pardoe (Door Safety, LLC)

Tuesday, November 23
10:00 am CST

[REGISTER TODAY](#)



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IS YOUR COMPANY INVOLVED IN BARRIER MANAGEMENT SERVICES?

FCIA launched its [Barrier Management Services Member List](#) FCIA.org a few years ago. It is THE place for Building Owners and Managers to source and Specialty Firestop Installation Contractors and Special Inspection Agencies to be found for work in existing buildings.

There are sections on Firestop Systems, Fire-Rated Swinging and Rolling Doors, Fire and Smoke Dampers, Fire-Resistance-Rated Glazing, Barrier Surveys, Barrier Repairs, SFRM & IFRM Fireproofing Repairs, and Barrier Management Software – all focused on providing services to maintain protection of these assemblies.

Barrier Management Services are a way to provide a balanced portfolio of projects to your company. While the new construction economy has both up and down cycles, the opportunities available with maintaining protection within existing building are always available. Why? We know that building owners and managers have constant changes to cables and piping in buildings. These changes add new penetrating items, which might change the tested and listed system number and treatment.

Don't miss out on this evolving way to help protect people in buildings. Add a listing to your membership when the renewal notice arrives. It's a small investment that will have a big impact on building safety and your business.

Upcoming Events

- November 23
FCIA Webinar
- November 25-26
US Thanksgiving
FCIA Office Closed
- December 5-6
FCIA Virtual Middle East Symposium
- December 15
FCIA Webinar
- December 24
FCIA Office Closed
- December 31
FCIA Office Closed

FCIA WELCOMES NEW MEMBERS

FCIA works hard to spread the word of the '[DIIM](#)' of [Firestopping](#) around the world, encouraging all interested Specialty Firestop Installation Contractors, Special Inspection Agencies, Associates, Manufacturers, and more to become involved to grow the industry's call for better fire and life safety.

FCIA proudly welcomes new members, and we thank them for their support and commitment to the Firestop industry.

Thank you to all current members, as well, for helping to grow FCIA and the Specialty Firestop trade, resulting in improved fire- and life-safety systems.

FCIA New Contractor Members

- Barrier Technologies, Inc. - Marysville, WA
- Healthy Choice Enterprises - Louisville, KY
- Northstar Foam Systems - Oak Bluff, MB
- Soubliere Interiors Ltd. - Cumberland, ON

FCIA New International Contractor Members

- Alsahar General Contracting - Doha, Qatar
- CLM Fireproofing Ltd. - London, UK

FCIA New Contractor Branch Members

- DPR (Charlotte) - Charlotte, NC

FCIA Members: Do you have more than one Branch location? Make it easier to be found worldwide with a 'Branch Membership and Listing' at www.FCIA.org. Questions? Email cathy@fcia.org and we'll fill you in.

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