

### Upcoming Events

<i>July 14</i>	<i>FCIA Webinar</i>
<i>August 8-11</i>	<i>ASHE Annual Conference</i>
<i>August 12</i>	<i>FCIA Test Prep Webinar</i>
<i>August 23-24</i>	<i>FCIA Board Meeting</i>
<i>August 25</i>	<i>FCIA Webinar</i>

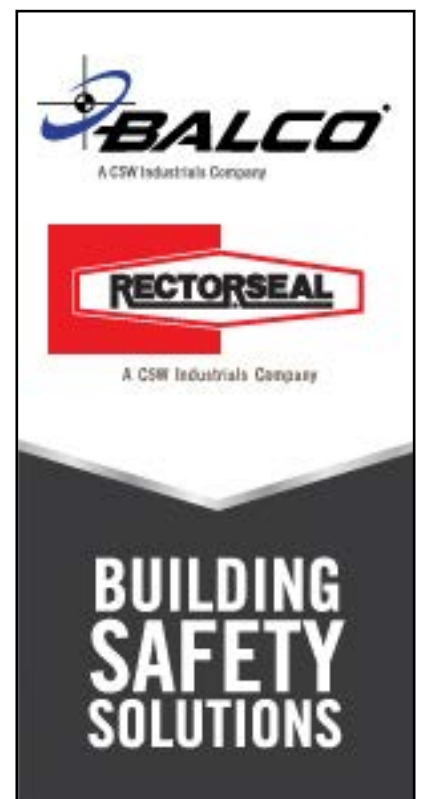
## CALL FOR NOMINEES

The [FCIA Board of Directors](#) is putting out the call for nominees for the 2022 FCIA Board of Directors.

Positions on the FCIA Board of Directors are elected volunteers who serve a three-year term giving back to the Association by donating their time and talents to serving on the Board, participating on Committee(s), regularly attending and participating in FCIA Conferences and activities, and other FCIA related activities. Board members attend Board meetings, as well as attend regularly scheduled GoToMeeting/Teleconferences.

There is one open position available for the 2022 FCIA Board of Directors. Voting takes place prior to and at the FCIA Firestop Industry Conference & Trade Show, FIC '21. The new incoming Board is announced during the Thursday, November 4 program.

Interested FCIA Members should indicate their interest in running for the open position by emailing [cathy@FCIA.org](mailto:cathy@FCIA.org).



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## REGISTRATION NOW OPEN FOR FIC '21



Registration is now open for FIC '21, the [FCIA Firestop Industry Conference & Trade Show](#).

The event, which begins this November 2 at the [Rancho Bernardo Inn](#) in

San Diego, CA, features three-days of compelling firestop education, the [FM & UL-ULC Firestop Exams](#), the [FCIA Memorial Golf Tournament](#), the [FCIA Annual Dinner](#), and more.

Don't miss education sessions with industry thought-leaders on:

- Perimeter Fire-Containment Assemblies
- ASTM's New Exterior Wall "Leapfrog" Standard
- Understanding how Fire-Resistance-Rated Gypsum Wallboard Assemblies are tested, patched
- Hospital Fire and Life Safety Audits & Firestopping – Barrier Management
- UL's Firefighter Safety Program
- Economic Update from Anirban Basu
- ICC & NFPA 2024 Code Development Process Update
- And much more.

Renew or begin the Specialty Firestop Installation Contractor accreditation process – or prove Special Inspector competence - by taking the [FM or UL-ULC Firestop Exam](#).

Catch up with FCIA friends, old and new, at daily networking events.

Participate in the [FCIA Memorial Golf Tournament](#) and support the future of the firestop and effective compartmentation industry by sponsoring a hole, a beverage or snack sponsor, or by playing in the tournament. Proceeds from the FCIA Memorial Golf Tournament and sponsorships fund the FCIA President's Memorial Scholarship(s) for Fire Protection Engineering students.



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## FIC '21 cont'd

As the world continues to open back up, willingness to travel and return to in-person events is picking up. There's an excitement in the air. And there's nowhere better than FCIA's [FIC '21](#) in San Diego at the stunning [Rancho Bernardo Inn](#) to bring us all back together, focused on the future of the firestop and effective compartmentation industry.

Whatever you do, make your plans to be there!

Can't make it to San Diego this November 2-5? That's ok! [Register to attend FIC '21 online!](#)

[Register Today](#)



## FIC '21 SPECIAL HOST HOTEL RATES

Set amidst 265 acres of meandering walkways, sun-dappled balconies, and lush botanicals, [Rancho Bernardo Inn](#) is a hidden gem close to all San Diego has to offer. When we say this property is something special, we mean it.

Don't delay - book your room early because this property WILL sell out.

[Rancho Bernardo Inn](#)  
\$195/night\*

Click Here to  
Make a Reservation

## UL ANNOUNCES NEW FIELD BUSINESS MANAGER

Ruben Sandoval, Jr., has been selected as Field Business Manager for the Lightning Protection Program – Specialty Engineering. Ruben will lead BOTH Field Engineering's Lightning Protection and Fire Barrier Programs teams, whose focus is on serving critical technical and compliance needs in the inspection and

auditing area. Ruben will continue to manage the UL Qualified Firestop Contractor and UL Qualified SFRM Contractor Programs. He is based in Buckeye, Arizona.

Congrats Ruben!

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## NEW UL PDE

UL recently announced that Luke Woods, UL's Primary Development Engineer (PDE) for Fire-Resistance for the past several years, has been promoted to Corporate Governance.

UL's new PDE is Kevin Hyland, a longtime UL engineer,

who brings his singular new talents to the position.

Congratulations to both Luke and Kevin as they begin their new roles. We're looking forward to working with and getting to know Kevin during UL's Standards Technical Panel (STP) and other meetings.

## FCIA & INSPECTOR QUALIFICATION - ICC'S CERTIFICATE OF LEARNING ACHIEVEMENT

FCIA's partnership with FM Approvals and UL-ULC has produced two great Firestop Exams. Both the [FM & UL-ULC Firestop Exams](#) provide proof of competence for inspectors too. Why?

FCIA's philosophy is that Firestop Exams need to cover BOTH installation and inspection. Inspectors need to understand the installation process to inspect

in accordance with ASTM E 2174 or ASTM E 2393's visual observation methods. We are happy to report that ICC feels the same way and has included the FM or UL-ULC Firestop Exam as a pre-requisite for a ICC Certificate of Learning Achievement.

## FCIA at ASTM

The face-to-face ASTM standards development process is starting again in October, and [FCIA's Standards Committee](#) is ready. We have a lot to cover at ASTM.

Before we start, did you know that the ASTM E 2174 and ASTM E 2393 Firestop Inspection Standards were the result of "Why don't we have independent inspection for Firestopping?" questions asked at FCIA's 1999 ECA Conference?

ICC VP Mike Pfeiffer urged FCIA, "Build a standard, then propose it at ICC's Code Development Process."

Fast-forward to the 2012 International Building Code

development cycle, where FCIA's proposal to add ASTM E 2174 and ASTM E 2393 were finally approved.

At the October 2021 ASTM meetings, we are being urged to include ASTM E 3038, *Standard for Inspector Qualification* as a requirement in the ASTM E 2174 and ASTM E 2393 Standards.

Unfortunately, due to confusion in the definition of who is 'qualified' as an inspector – the company and all its inspectors with one exam OR individuals each taking their own exam – we do NOT support adding ASTM E 3038 as a requirement in ASTM E 2174 and ASTM E 2393 at this time.

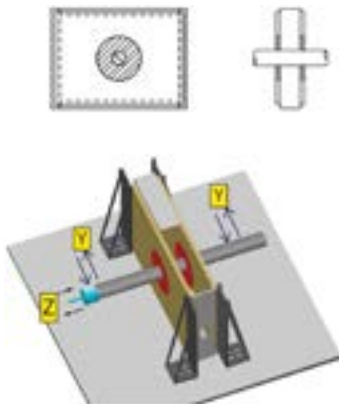
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## FCIA & NEW STANDARDS

FCIA wrote the respected firestop material manufacturers at the International Firestop Council in 2008 requesting that Fire-Test Standards reflect field conditions. As a result, several Standards were developed for firestopping at ASTM. Movement and Exposure issues were also covered as part of the initiative. Below is a fast summary. Read the standard for the full scope, and procedures:

- Movement - ASTM E 3037 – *Standard Test Method for Measuring Movement Capabilities of Through Penetration Firestop Systems* was developed in cooperation with FCIA Manufacturer Members and others at ATSM. It was agreed that a fire test after movement, once the material was conditioned, take place.



ASTM Image

- Exposure - ASTM E 2785 – *Standard Test Method for Exposure of Firestop Materials to Severe Environmental Conditions*, covers a range of exposures, but not all that might occur during a building life cycle. ASTM E 2785 includes exposure to any of the following conditions:
  - elevated temperature
  - high humidity
  - concentrated carbon dioxide and sulfur dioxide
  - water immersion
  - temperature cycling
  - weathering

Contractors & Specifiers, know that items listed in the standard, are the only exposures that are part of the standard. It is important to communicate through construction documents the exact exposures so firestop installation contractors can contact firestop material manufacturers about product compatibility and performance.

There is a lot more to do at ASTM for FCIA and we look forward to working with our manufacturer partners.



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## FCIA & ASTM LABELING STANDARD DEVELOPMENT

**F**ire Doors, Fire Dampers, and Fire-Resistance-Rated Glazing are all marked at the factory and in the field, both to comply with building codes, and to bring attention to the listing and protection provided.

Ever wonder why it is not required to do this for firestopping? Research and a past FCIA ICC Code Proposal found that questions need to be answered before a firestop labeling code requirement would pass. Where does the sticker go for this firestop? On the wall? The penetrating item? How far from the penetrating item? How do we handle multiple wall penetrations? Joints?

FCIA's work at ASTM on a new Firestop Labeling standard continues to answer these questions so there is a uniform way to label firestopping. As we learn from the ICC Virtual Code Development Hearings testimony and recent disapproval, we know more about improving the standard.



## FCIA at ICC

**R**emember when the FCIA Marketing Committee analyzed 15,000+ projects to see how often things like the FM 4991/UL Qualified Contractor Programs or third-party firestop inspections were being specified?

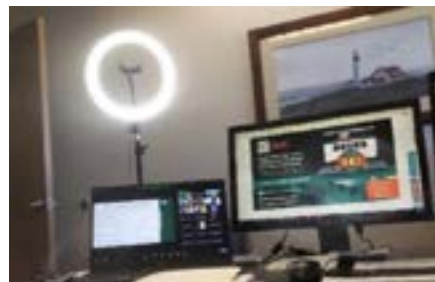
Watch out for our upcoming LinkedIn campaign that highlights some of the most interesting findings!

Below is a short recap of some ICC Code Development Proposals.

**NOTE: The proposals listed below are for the 2024 IBC and are not final until the ICC Board of Directors approves the new code sometime in 2022.**

### **DISAPPROVED FCIA IBC PROPOSALS**

**Approved or Qualified Firestop Contractors** – While



Bill McHugh's home "studio". FCIA Image



ICC's Virtual Hearings. FCIA Image

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## FCIA at ICC cont'd

the ICC Fire Safety Code Committee DISAPPROVED this proposal, support from the Building Owners and Managers Association (BOMA) and a member of the American Society for Healthcare Engineering (ASHE) stating that FM or UL Qualified Firestop Contractors be mandated by the building code was much appreciated. Opposition came from the National Association of Home Builders and the Vinyl Siding Institute, among others.

**Firestopping Labels** - Firestop Identification Systems – Labels – had support from the audience, and some at the committee. However, BOMA and others spoke in opposition to this requirement.

### **APPROVED FCIA IBC PROPOSALS:**

FCIA submissions included concepts to help Specifiers communicate code requirements to Specialty Firestop Installation Contractors. Requirements need to be crystal clear because codes are adopted as law in jurisdictions.

**Installation** – In section 714, FCIA's proposal was APPROVED AS SUBMITTED, and clarified that fire-resistant joints are to be **installed in accordance with the listing and manufacturer's installation instructions**. Non-rated joints are installed in accordance with the manufacturer's installation instructions.

The 'sleeves' portion of the penetration installation section had a similar FCIA proposal referring to the *listings and manufacturer's instructions* when sleeves are used.

What does this approved proposal do? Previously, this section stated that sleeves are to be 'securely installed'. But, what does 'securely installed' mean?

This ambiguous language left the Specialty Firestop Installation Contractor in a very difficult position. The new language references the firestop tested and listed system (listing) and firestop manufacturer's installation instructions and clarifies how sleeves are to be installed in firestop systems. It's in the listing and the instructions from the manufacturer. While APPROVED, FCIA submitted a public comment on the sleeves, to further clarify our intent.

**Penetrations** - In Section 714.5.1.2 of the 2021 IBC, there is an exception that allows penetrations in a single concrete floor by steel, ferrous or copper conduits, pipes, tubes, or vents with a maximum 6" (152mm) nominal diameter to not require a T-rating. Firestopping now has the same exception based on a code proposal approved by the committee. An F-Rating is still required, as is an L-Rating where required in smoke barriers. This means that firestop systems are equal in the building code to the concrete and grout exception allowing the exception from the T-Rating.

**Non-Rated Roof to Head of Wall – ASTM E2837** – An option was approved in the code to allow ASTM E 2837's use as an option for treating the head of a fire-resistance-rated wall meeting a non-rated roof assembly. This adds the standard ASTM E 2837 as acceptable for this condition. With the number of conversions of business occupancy to health care outpatient surgery occupancies, this provides needed quantified protection for patients using these facilities.

As with all code mandated requirements, refer to the code in effect as approved by the Authority Having Jurisdiction (AHJ-Code Official) for specific requirements.

## NFPA's 2024 101 & 5000 CODE DEVELOPMENT PROCESS

This year's program starts July 8 and progresses as the Committee reviews proposals, inputs their own proposals, and debates what Chapter 8 of both publications will look like. Look for a full report at the [FCI '21](#), the [FCIA Firestop Industry Conference & Trade Show](#), in San Diego this November 3-5, 2021.

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## FCIA at 2025 NBCC

FCIA will be participating again at the [National Building Code of Canada's \(NBCC\)](#) Code Development Process again. We will continue to advocate for:

- FM 4991 or ULC Qualified Firestop Contractors
- Firestop Inspection using ASTM E 2174 and ASTM E 2393 penetration and joint firestop inspection standards
- Annual visual inspection of fire-resistance-rated and smoke-resistant assemblies.
- More, as FCIA's Canada Committee develops concepts.

The first step is a request to change the code, followed by committee debate, public reviews, and discussion. Watch for more as developments happen.



## OSHA & CCOHS ON COVID-19

The Occupational Health and Safety Administration (OSHA) has updated its "Protecting Workers: Guidance on Mitigating and Preventing the Spread of COVID-19 in the Workplace" stance, June 10. The summary of the June 10 changes includes:

- Focus protections on unvaccinated and otherwise at-risk workers
- Encourage COVID-19 vaccination
- Add links to guidance with the most up-to-date content

Visit [www.osha.gov/coronavirus/safework](http://www.osha.gov/coronavirus/safework) to keep current on changes and positions nationally. Additionally, visit each state agency for updates on local rules, reports, and information.

The Canadian Centre for Occupational Health and Safety provides guidance on COVID-19 as well. The last update was February 21 with [OSH Answers Fact Sheets](#) provided on Coronavirus.

Individual Canadian provinces are also involved in COVID-19 safety. From [www.Ontario.ca](http://www.Ontario.ca),

*"Under Ontario's labour laws, employers 'must take every reasonable precaution to protect health and safety of workers. This includes protecting workers from hazards posed by infectious diseases'".*

Each province has local regulations and requirements, so be sure to check out specific provincial requirements to assure safety. For Ontario-based companies, [learn more here](#).

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## FCIA & LIFE SAFETY DIGEST MAKING ROUNDS

Commercial real estate is an ever-evolving market, and FCIA's [Marketing Committee](#) is front and center in places you wouldn't expect. Presenting FCIA Members' services in new and existing buildings. Trade Shows around the world give FCIA an opportunity to spread the word of the 'DIIM' of Firestopping & Effective Compartmentation to interested professionals worldwide. Through participation at these events and premier placement of [Life Safety Digest](#), FCIA and our Members are exposed to decision-makers and key players in the industry. See below for some FCIA partnerships that you'll see this year.

### FCIA & Life Safety Digest Partner with BOMA International Conference & Expo

BOOM! 2020 was the year that changed everything. With so much upheaval and unknowns, the one thing that didn't change is BOMA's commitment to the industry and to providing education and guidance you can count on!

Join us for the [2021 BOMA International Conference & Expo](#) in Boston, MA on October 6 – 9 to connect with your colleagues and keep abreast of the insights that will help you navigate shifts in the industry. Discover a full range of products and partners focused on re-entry solutions and explore critical topics all while reconnecting and building relationships with your colleagues.

While there, be sure to grab your copy of [Life Safety Digest](#) and read about the important role fire- and smoke-resistance plays in keeping people and buildings safe – just as the building owner attendees are getting.

### And More...

Look for FCIA and [Life Safety Digest](#) at these other industry events around North America: [ASHE Annual Conference](#), August 8-11 in Nashville, TN; [NASFM Fire Prevention & Safety Symposium](#), September 14-16 in Stowe, VT; and, the [CHES National Virtual Conference](#), September 28-29.



### IFMA World Workplace Teams Up with FCIA & Life Safety Digest Once Again

IFMA is leading the conversation on the reimagined workplace. Reconnect in person with your professional community to discuss what it takes to:

- increase organizational agility and resilience
- optimize space to improve the human experience
- leverage technology for better facility control
- create healthy, sustainable, whole-person facilities

Significant shifts in how organizations operate, collaborate, and support worker well-being and productivity are still on the horizon. [IFMA World Workplace](#) will help you and your entire organization prepare for a future in which health and safety take precedence, climate action takes commitment, smart technology takes center stage and priorities can pivot at a moment's notice.

Be sure to find the FCIA booth and pick up your copy of [Life Safety Digest](#) when you're there. FCIA is proud to continue to partner with this innovative industry-leading event.

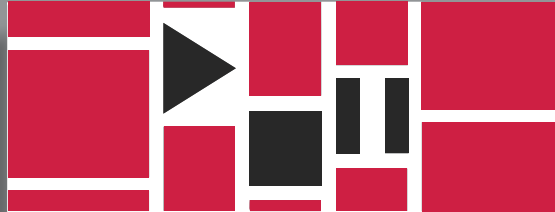


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EDUCATIONAL  
WEBINAR  
SERIES

'21



'Systems Selection & Analysis'

Wednesday, August 25  
10:00 am CDT

[REGISTER TODAY](#)



## 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

- MK Marlow Co. - Cedar Park, TX
- R.S. Blythe Inc. - Charlotte, NC



### FCIA New Associate Members

- Alliance for Sustainable Energy - Golden, CO

**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](http://www.FCIA.org). Questions? Email [cathy@fcia.org](mailto:cathy@fcia.org) and we'll fill you in.

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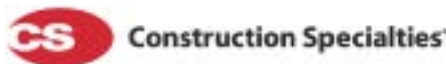
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