

FCIA - ASTM FIRE-RESISTANCE-RATED & SMOKE-RESISTANT ASSEMBLIES & EXISTING BUILDINGS WEBINAR SERIES



Firestop Contractors International Association



ASTM INTERNATIONAL

UAE CHAPTER

WITH



The Firestop Contractors International Association (FCIA) and the ASTM International UAE Chapter have teamed up with key industry leaders from the International Code Council (ICC), Thomas Bell-Wright International, FM Approvals, and Underwriters Laboratories for the FCIA-ASTM Virtual Fire-Resistance-Rated and Smoke-Resistant Assemblies & Existing Buildings Event. This is the first-ever joint event to heighten awareness of fire and life safety in existing buildings through education on fire-resistance-rated and smoke-resistant assemblies.

Building owners invest in proper design, installation, and inspection during new construction. Many routine building operations focus on maintaining the visible active fire protection; but passive fire protection systems in existing buildings, like fire-resistance-rated and smoke-resistant assemblies, are often overlooked when maintenance plans and budgets are developed. These critical life safety systems must also receive the same annual attention as other important safety elements.

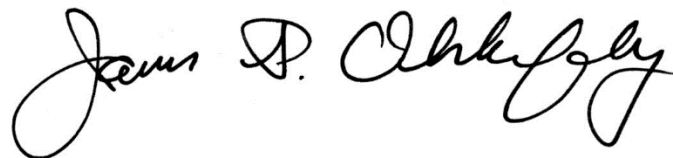
This abridged program, a preview for a full-length seminar in 2021, is specially designed for Building Owners and Managers, Municipality Officials, Civil Defence, Architects/Engineers, Specifiers with Design Firms, Specialty Firestop Installation Contractors and Special Inspection Agencies. The program focuses on key fire code requirements for maintaining protection.

Together we can make a difference in improved fire and life safety in building through education and a collective commitment to maintaining protection of fire-resistance-rated assemblies in existing buildings.

Thank you for attending.



Bill McHugh
FCIA Executive Director



Jim Olshefsky
Director, External Relations (ASTM)

VIRTUAL



FCIA-ASTM VIRTUAL Event
Fire-Resistance-Rated and Smoke-Resistant Assemblies
& Existing Buildings Webinar Series



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REGISTRATION REQUIRED

23 November 2020

- 1700-1710 **FCIA-ASTM Program Welcome & Introduction**
Bill McHugh, FCIA | Jim Olshefsky, ASTM International
- 1710-1735 **Introduction & Perspectives**
- 1735-1820 **Standards Used in Fire-Resistance-Rated & Smoke Resistant Assemblies**
Abhishek Chhabra, Thomas Bell-Wright | Rich Walke, CTI/FCIA
The International Building Code (IBC), the Saudi Building Code, and the UAE Fire & Life Safety Code all have requirements for testing and sometimes Listing fire-resistance and smoke-resistant assemblies based on specific standards published by ASTM, NFPA and UL. This session starts with a look at the Standards used for evaluating the basic barriers, including fire-resistance-rated Walls and Floors. It then goes on to look at the standards used to protect breaches in the basic barriers, including Firestop Systems, Joint Systems, Perimeter Fire Containment Systems, Continuity Head-of-Wall Joint Systems, Fire Doors, Fire-Resistance- and Fire-Protection Rated Glazing, and Fire, Smoke, Fire-Smoke, Corridor and Ceiling Radiation Dampers. Learn about the common elements amongst these standards.
- 1820-1845 **Standards, Qualification Programs for Specialty Firestop Installation Contractors & Special Inspection Agencies**
Ruben Sandoval, UL | Bill McHugh, FCIA | Joseph Nunes, FM Approvals
After the products are fire tested, delivered to the jobsite, the construction process has to provide quality installations resulting in a fire-resistance-rated system. The FM 4991, Standard for the Approval of Firestop Contractors, UL Qualified Firestop and SFRM Contractor Programs, and IAS AC 291 Accreditation Criteria for inspection Agencies, all result in a high standard for contractor and inspection agency quality, for safe buildings.
- 1845-1900 **Question & Answer Session**



VIRTUAL



**FCIA-ASTM VIRTUAL Event
Fire-Resistance-Rated and Smoke-Resistant Assemblies
& Existing Buildings Webinar Series**



The Firestop Contractors International Association (FCIA) and the ASTM International UAE Chapter have teamed up with key industry leaders from the International Code Council (ICC), Thomas Bell-Wright International, Underwriters Laboratories and more to heighten awareness of fire and life safety in existing buildings.

REGISTRATION REQUIRED

24 November 2020

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| 1700-1710 | FCIA-ASTM Program Welcome & Introduction
<i>Bill McHugh, FCIA Jim Olshefsky, ASTM International</i> |
| 1710-1740 | ICC Codes in the Gulf Region
<i>Mohamed Amer, ICC Bill McHugh, FCIA</i>
Fire safety in existing buildings is critical to protecting people in buildings. Learn how this is being accomplished in the Gulf Region through ICC's family of solutions and efforts to bring new codes to the region. Learn about the new codes, the adoptions that have taken place and what is coming to the MENA region, the importance of ICC standards in the building community, and how the I-Codes help bring additional fire and life safety practices to the region. |
| 1740-1805 | International Fire Code – NFPA 1, NFPA 101 – and Maintaining Protection
<i>Bill McHugh FCIA Rich Walke, CTI/FCIA</i>
During this session, learn how the worldwide codes that govern existing buildings specify how the building owner and manager will maintain fire-resistance through continuous protection. |
| 1805-1845 | Fire-Resistance in Buildings – Perimeter Fire Containment, Part of Total Fire Protection
<i>Adrian Brown, Consultant</i>
Attend this session for a detailed look at exterior facades in high rise buildings. The program addresses mandated code requirements to slow vertical spread of fire at exterior wall spandrel assemblies, as well as at the interior 'safing slot' area. The session will look at the related fire-test standards, code language, key elements to consider when it comes to fire-resistance and perimeter fire containment systems. |
| 1845-1900 | Question & Answer Session |



THE FACULTY



Mohamed Amer
Regional Director of
Operations - MENA

Mohamed Amer works as the Regional Director of Operations for the MENA region with the International Code Council. With over a decade in the oil/gas, project management, and TIC industries, he leads the ICC's operations and business development aspects in the MENA through several engagement levers and demand drivers to help facilitate and lead ICC's service lines and actions for new business offerings across the family of solutions spectrum.

Amer holds a Bachelor degree in Electrical Engineering and Master in Engineering Management, both from the American University of Sharjah.

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Adrian Brown
Consultant

Adrian is a Member of the Energy Institute a Member of the Institute of Fire Engineers and Chartered Fire Engineer. Until recently, Adrian supported Dubai Civil Defence as a Fire Service technical/policy advisor in respect of Operational Intervention, Fire Engineering design, Training, Crisis and Strategic Risk assessment and Management, Companies Approvals, and forensic fire investigation.

During his time with Dubai Civil Defence and coupled with his background as a Fire Engineer, firefighter, and Fire investigator, Adrian has become the leading expert in the Middle East in respect of the fire performance of Façade/cladding system design and materials. He recently authored the Chapter on the performance requirements for the approval of facade and cladding systems with the UAE Fire and Life Safety Code.

Before arriving in Dubai, Adrian spent 38 years with the UK Fire and Rescue Service, the last 4 of which serving as the Director of the Fire Engineering, Building Design, and Fire Investigation courses at the UK National Fire Service College.

As a Consultant, Adrian has been responsible for the creation, delivery, commissioning, and management of challenging Building and infrastructure Projects and Strategies around the world. Most recently, he was involved in the reissue of the UAE Fire and Life Safety Code of Practise 2018 and co-authored the Sections dealing with Facades, Fire Stopping, Facilities for Fire Service intervention, and Materials and systems testing.

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THE FACULTY



Abhishek Chhabra
Market Development
Manager

Abhishek joined Thomas Bell-Wright International Consultants in 2013 and has been the driving force behind the expansion of the fire compliance activities into new markets. An engineer with a post-graduate diploma in finance, Abhishek brings with him valuable experience from other, larger TIC (Testing, Inspection & Certification) companies.

He has been advocating the need for compliance to standards for improved safety and quality across industries for most of the last 18 years. He has a vast experience of how conformity is realized across supply chains of several industries including Consumer Electronics, Industrial, Renewable, and Building Products.

Along with helping certification bodies expand their horizons of business for over a decade, he has been writing articles and presenting at various forums about mandatory and voluntary quality and safety compliance activities. He also owns and drives a blog called Gurus of Testing, Inspection and Certification (www.tic.guru) aimed at expanding the understanding of conformity across the world.

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Bill McHugh
Executive Director

Bill McHugh has been the Executive Director of the Firestop Contractors International Association (FCIA) for the past 20 years. He has been in the construction industry 39 years specializing in fire-resistance, roofing waterproofing.

Bill participates in the Code Development processes at the National Fire Protection Association (NFPA), International Code Council (ICC), State of Illinois and City of Chicago. He has served on the ICC's 'Fire Safety' Code Development Committee, serves on the Fire Protection Features Committee at NFPA, and is a past member of the International Accreditation Services (IAS) Board of Directors. At the American Society for Healthcare Engineering (ASHE), he serves as organizer and moderator for the ASHE/TJC/FCIA/UL Barrier Management Symposiums. He is also a past Institute Director, Chapter and Region President at the Construction Specifications Institute.

At FCIA, Bill produces *Life Safety Digest*, the *Magazine of Effective Compartmentation*, is principal author of the FCIA Firestop Manual of Practice, organizes and speaks at FCIA's Conferences, Webinars and Symposiums, and liaisons with many other associations.

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Joseph Nunes
Advance Engineer

Joseph Nunes is an Advanced Mechanical Engineer with FM Approvals. He has been with the Materials Group within FM Approvals for 18 years. Mr. Nunes has been testing and approving firestopping products, assemblies, and Specialty Firestop Installation Contractors for the last 5 years.

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**James (Jim)
Olshefsky**
Director, External
Relations

Jim Olshefsky has worked at ASTM International for 22 years supporting the development and promotion of voluntary consensus standards for materials, products, systems and services.

In 2007, Mr. Olshefsky assumed the role of Director of External Relations where he helps to facilitate ASTM's international outreach within ASTM's Global Cooperation Department. Mr. Olshefsky supports ASTM's Memorandum of Understanding program with developing countries and his work is focused in Latin America, the Caribbean, and the Middle East. His contributions include speaking to international audiences, students, and educators to promote the use of ASTM standards worldwide and to encourage increased standards education at universities.

Prior to moving to Global Cooperation, he directed ASTM's Committee Services Department in the Technical Committee Operations Division and also spent several years as a Staff Manager of various ASTM technical committees.

Mr. Olshefsky has a BS in Business Logistics from the Pennsylvania State University.

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**Ruben Sandoval,
Jr.**
**Business Manager,
Field Engineering
Group**

Ruben Sandoval Jr. is the Business Manager in UL's Field Engineering Group. He is based in Buckeye Arizona. The Field Engineering Group focuses on assisting clients to navigate increasingly complex supply chains and manufacture safe, high-performing products. The group conducts more than 600,000 inspections, audits, field evaluations, and product traceability services for clients in more than 120 countries. The Field Engineering group is leading the effort to both modernize how UL partners with clients through technology and the use of data and analytics to drive enhanced field-related decisions.

Ruben joined UL as a Field Engineer in 2000. Ruben has over 19 years of experience in safety engineering and 5 years of experience in the fire and life safety arena. Under Ruben's leadership the fire and life safety arena has seen the development of UL's Master Audit Certificate of Compliance (MACC), UL Fire Door Inspection program, and the launch of UL's Onsite Firestop Inspection program.

Ruben received his Bachelor's degree in Telecommunications Engineering in 1999.

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Rich Walke
Technical Director

Rich Walke is the Technical Director of Creative Technology Inc., which provides consulting and training services for the fire protection and code enforcement communities, including The McHugh Company and the Firestop Contractors International Association (FCIA).

Previously, Rich had been employed by UL for 43 years, focusing on fire-resistance-rated construction and the protection of breaches in those assemblies. During that time, Rich was involved in testing, standards development, code development, and providing technical assistance and training to architects, engineer, contractors, and code officials.

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