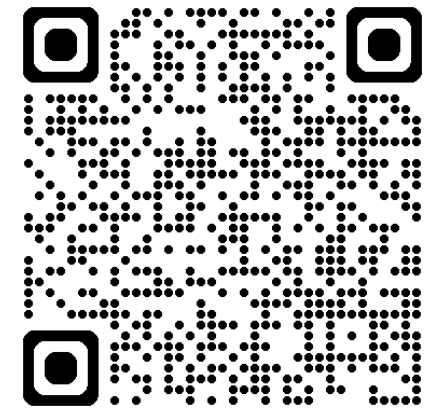


PasFiPro '25

12-13 FEBRUARY 2025

LeMERIDIEN DUBAI AIRPORT

DUBAI, UAE



FCIA INTRODUCTION

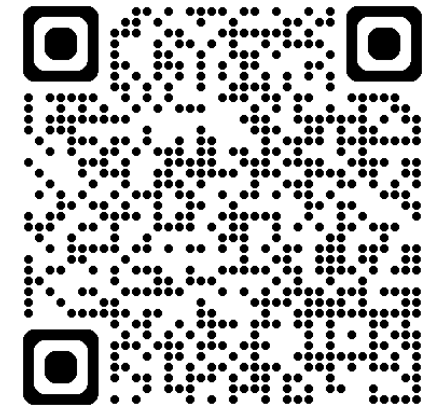
EMERGENCY PROCEDURES

CERTIFICATES OF ATTENDANCE

www.FCIA.org

MEMBERS ONLY – SLIDES

DIGITAL PROGRAM ONLINE



CIVIL DEFENCE WELCOME



CAPT. Eng. MOHAMED ALHANEE
ABU DHABI CIVIL DEFENCE

FCIA/NFCA : Welcome

**ABHISHEK CHHABRA
&
LINDSEY DUTKIEWICZ
&
BILL McHUGH**



FCIA ANTITRUST POLICY

ASSOCIATION DO'S & DON'TS

DON'T discuss the prices your company will charge customers.

DON'T discuss discounts, terms and conditions of sale, warrant terms, profits or profit margins, shares of market, bids or the intent to bid, rejection or termination, of customers, sales territories, or markets.

DON'T discuss administration or disciplinary action by the Association against a particular member, or enforcement of the Association's Code of Ethics, in the absence of specific legal guidance.

DON'T propose or discuss any proposal, in the absence of specific legal guidance, that the Association sponsors or engage in any activity which may have the effect of producing an adverse economic impact on some competing companies.

INTRODUCTION

- **FCIA & NFCA – VISIONS, MISSIONS, ASSOCIATIONS**
BILL McHUGH | ABHISHEK CHHABRA, FCIA & NFCA
- **PFP, AN EXPERT WITNESS VIEW**
PETER Van GORP, HKA GLOBAL
- **CODE & STANDARDS REQUIREMENTS FOR PASSIVE FIRE PROTECTION**
BILL McHUGH | ABHISHEK CHHABRA, FCIA & NFCA
- **REGISTRATION OF FIRESTOPPING SYSTEM SUPPLIERS & CONTRACTORS IN ABU DHABI**
CAPT.ENG.MOHAMED ALHANE, ABU DHABI
CIVIL DEFENCE



INTRODUCTION

- **EVALUATING PASSIVE FIRE PROTECTION IN RISK ASSESSMENT: A HOLISTIC APPROACH**
SOURAV CHATTERJEE, LOCKTON (MENA) LTD
- **FIRESTOPPING & FIREPROOFING CONTRACTOR ACCREDITATION PROGRAMS**
BILL MCHUGH, FCIA/NFCA
- **AN INTRODUCTION TO THE NEW UL SOLUTIONS TECHNICAL EVALUATION DEVELOPER PROGRAM** - GAITH BAKIR, UL SOLUTIONS
- **FIRE RATED DUCTS & PENETRATION SEALS: MIX&MATCH? ACCEPTABLE?**
DR. SEBASTIAN UKELJA, EMIRATES SAFETY LABORATORY
- **MAINTAINING PROTECTION- STRUCTURAL FIRE-RESISTANCE & EFFECTIVE COMPARTMENTATION** - BILL McHUGH | ABHISHEK CHHABRA, FCIA & NFCA



SPONSORS MAKE A DIFFERENCE

PLATINUM



SPONSORS MAKE A DIFFERENCE



GOLD

SPONSORS MAKE A DIFFERENCE

SILVER



MEMBERS MAKE A DIFFERENCE



BRONZE

NEW FCIA MANUFACTURER MEMBER MR. RAJESH THAKUR, SIKA UAE LLC



Thanks FCIA DUBAI MEMBERS

- Al Swiss Group of Companies
- FSIME Construction, LLC
- Intherpro LLC
- Firestop Middle East
- Rise & Shine Insulation & Fire Protection, LLC
- Isam Kabbani & Partners for Constr.&Maintenance-CRES
- ALEC Engineering & Contracting LLC
- EMCC Co. LLC
- Asian International
- 001 Contracting, LLC
- Sika, UAE
- Siderise Insulation LTD
- Noble Protective System, India
- Nuvac Electromechanical LLC

*** NEW MEMBER**



Thanks QATAR FCIA MEMBERS

- **Rise & Shine Trading & Contracting, WLL**
- **Qatar Construction Technique Company**
- **Fireshield Trading & Contracting, WLL**
- **Arabian Specilaised Materials, (ASMA)**
- **Bright Engineering**
- **Qatar Factory for Firefighting**
- **FTC Qatar WLL**
- **Manycon Firestop**
- **Thermal Arabia Trading & Contracting Co.**
- **Scalar Construction and General Contracting***

*** NEW MEMBER**



THE VISION, THE MISSION, THE ASSOCIATIONS



ABHISHEK CHHABRA
BILL McHUGH
FCIA & NFCA

FCIA MISSION STATEMENT

FCIA MEMBERS ARE THE
GLOBAL EXPERTS AND
PROVIDERS OF LIFE SAFETY
PASSIVE FIRE AND SMOKE
PROTECTION SYSTEMS.



FCIA BOARD OF DIRECTORS

25 YEARS - LEADERSHIP



FCIA MEMBERSHIP

1998 – 7	2019 – 367
1999 – 40	2020 – 344
2000 – 71	2021 – 368
2008 – 215	2022 – 371
2018 – 355	2024 – 376

FCIA MENA & GLOBAL ADVOCACY

- CAHO – India's Education Series for Healthcare Facility Directors workshop
- CTBUH - Council on Tall Buildings and Urban Habitat UK
- WEBINARS - "The Global Language of Passive Fire Protection" Middle East, India, World
- MENA MEETUPS - FCIA Virtual Meetings.
- Association of Hospitality Engineers, "MasterMinds Meet"
- Intersec, Dubai – Panel, FCIA/NFCA Speaks
- UAE's Fire Safety Forum for Innovation & Safety
- Society of Fire Protection Engineers Webinar Presentation
- ConstructSaudi's Big5 Show
- Fire Safe Build India
- Fire Protection Australia – FCIA signs a MOU
- AMRACI FireExpo, Mexico



FCIA ACTION

- Canada – Symposiums, National Prescence, NBCC, NFC
- Qatar - Doha FCIA Symposiums; Civil Defence,Members
- India - Mumbai/Ahmadabad –
 - Fire Safe Build India – IIT-GANHINAGAR, GUJARAT
- UAE - Dubai – FCIA Symposiums; Civil Defence
- Saudi Arabia - Riyadh – BIG5 Show; UL, ICC, TBWIC
- Mexico/LATAM - CONAPCI/AMRACI
- Australia/New Zealand – FPA, Etc.
- UK – CTBUH,Etc.



FCIA COMMITTEES ADVANCE FCIA GOALS - PFP

- STANDARDS DEVELOPMENT – ASTM, UL/ULC STP'S

---INSPECTION, (IAS AC 291)
QUALIFICATIONS,

- ACCREDITATION PROGRAM
DEVELOPMENT

• FM 4991, UL/ULC QFCP;

CODE DEVELOPMENT

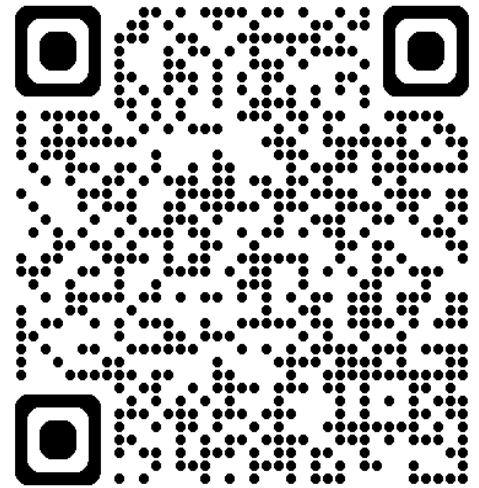
• ICC, NFPA, NBCC, NFCC, WORLDWIDE



FCIA RESOURCES

- UL/ULC, FM 4991 Contractor Programs
- ASTM Firestop Inspection Standards
- IAS AC 291 Inspection Agency Accreditation Program
- Firestop Education Program
 - Contractor, Inspection Agency, AHJ, Others
- *Passive Fire Protection Advocacy & Education*

Resources for Specifiers, AHJ's, Building Owners, Facility Directors, Firestop Contractors & Inspection Agencies, Passive Fire Protection Professionals www.FCIA.org



FCIA EDUCATION PROGRAM (FEP)

- **LEVEL 1** – DIIM, DEEP DIVE
- **LEVEL 2** - MATERIALS, SYSTEMS, LISTINGS, DEEPER DIVE
- **LEVEL 3** - PROJECT MANAGEMENT/ESTIMATING
- **ADMIN PORTAL LIVE**
- **IMPROVEMENTS**
 - FIRESTOP LEVEL 2 UPGRADES CONTINUOUS
 - IN DEVELOPMENT
 - FIRESTOP LEVEL 0
 - FIRESTOP LEVEL 4
 - INTERNATIONAL & UK
 - MULTIPLE Languages
- **24++ HOURS !!**

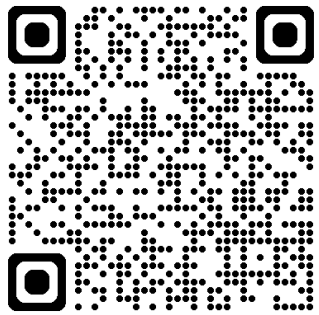
FCIA RESOURCES

- Info@FCIA.org –
 - **FREE Webinars**
 - **FREE Life Safety Digest**
 - **MOP – MEMBER DISCOUNTS**

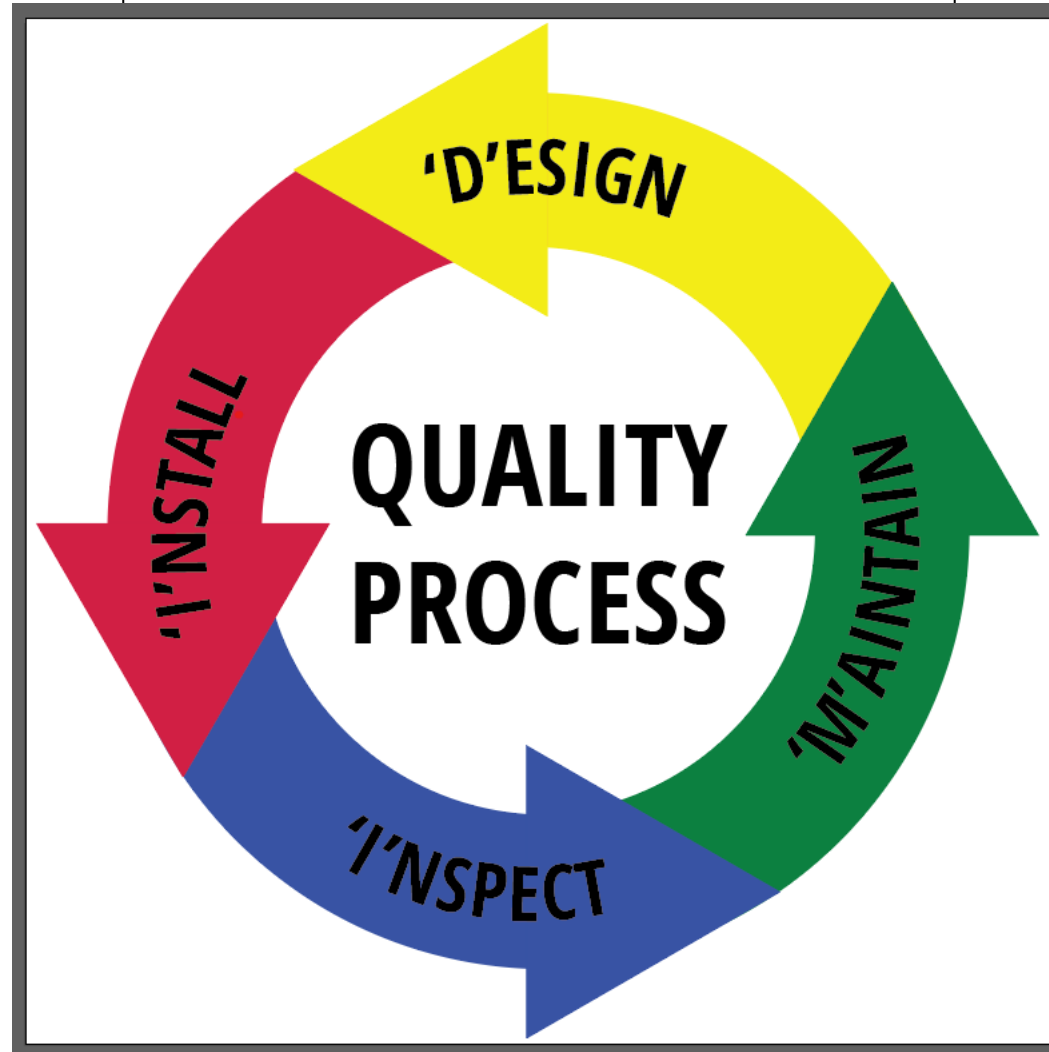


FCIA's DIIM™

INSTALLATION
FM 4991/UL QFCP
Programs AND
Mfr. Education



DESIGN
Specs, Code



PFP/BARRIERS
MAINTAIN
PROTECTION
Fire Codes

INSPECTION
IBC Ch. 17 -NFPA 80 - NFPA 1

NFCA MISSION STATEMENT

THE NFCA PROMOTES THE
FIREPROOFING INDUSTRY,
PROVIDING EDUCATION AND
ADVOCACY FOR **PASSIVE FIRE
PROTECTION EXCELLENCE** IN
BUILDING ELEMENTS AND
ASSEMBLIES FOR LIFE SAFETY.



2024 NFCA BOARD OF DIRECTORS

President - Mathew Stephenson, Rolling Plains Const.

1st V. P. - Steve Winston, American Coatings Corporation

2nd V. P. - Nikita Gordon, Gunnlaugson Spray-On

Treasurer - Adam Carter, Superior Industrial Insulation Co.

Secretary - Bob Pool, Alfred Miller Co.

Director - Don Armand, Donalco

Director - Joe Colavita, Martin Bros.

Director - George Fine, True Fireproofing

Director – Daniella Lopez, Nevell Group

Director - Neal Rivers, Easley and Rivers

Director – Paul Steele, Raymond – Southern California

Director – Matt Strieter, Southern Insulation Co.

Past President - Carl Fernald, PCI Construction



NFCA – Worldwide Association Structural Passive Fire Protection

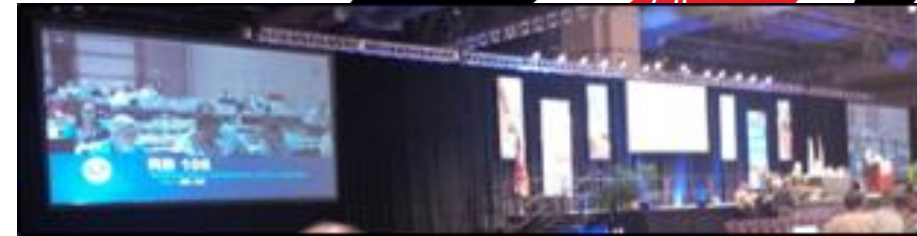
MISSION: *The NFCA promotes the fireproofing industry including contractors, inspection agencies, manufacturers, providing education and advocacy resulting in high quality, passive fire protection for building elements and assemblies for life safety.*

VISION: *The NFCA works to improve the proper use and application of fireproofing products through development of standard practices and educational programs for the industry.*



NFCA ACTION

- NFCA @ ICC Codes...
- NFCA @ ASTM Task Groups - Fireproofing
- NFCA @ NFPA Fire Protection Features
- NFCA @ National Codes, Canada
- Industry Articles
 - Thermal Barriers, Patching, more...
- NFCA @ SFPE/ASCE Meetings
- NFCA requests IAS add NFCA Fireproofing Exam
- NFCA Committee ACTIONS



NFCA RESOURCES

- **Fireproofing Education & Exams**
 - World-Class SFRM & IFRM Fireproofing Instruction
- **NFCA Contractor Accreditation Program for IFRM & SFRM**
 - Educated fireproofing Companies
- **UL Qualified SFRM Contractor Program**
- **Week of Learning - Educational Conference**
 - Network with top Fireproofing Contractors, Manufacturers, Assoc.
 - A forum for suppliers and contractors to learn from one another
- **NFCA 100-400 Standards** for quality and life safety
- **Technical expertise, Standards and Code development**
- **NFCA Website** to find Fireproofing Leaders
- **Webinars**
- www.NFCA-online.org



NFCA Educational Events

NFCA & FCIA @ NRC

Members

Code Officials

NFCA @ OBOA

NFCA @ Mexico LATAM

NFCA @ FSBI



UL QUALIFIED FIREPROOFING CONTRACTOR PROGRAM

UL Qualified Spray-Applied Fire Resistive Material (SFRM) Contractor Program requirements

Mark Integrity Program

Introduction:
This document outlines the contractor company requirements for participation in the UL Qualified Spray-Applied Fire Resistive Material (SFRM) Contractor Program.

The SFRM installation industry serves residential, institutional, commercial and industrial structures. The industry addresses the need to limit the damaging effects of fire by insulating structural building elements from fire. SFRMs help horizontal assemblies including floor/ceiling, roof/ceiling and building elements such as beams and columns obtain fire endurance ratings. SFRM contractors install certified SFRMs to establish a protective system for a structure to protect fire and life safety and comply with specification and customer requirements.

In order for a SFRM installation contractor organization to qualify for UL's SFRM Contractor Program, the contractor organization shall employ a knowledgeable individual who successfully demonstrates their competency to UL through successful completion of the Designated Responsible Individual (DRI) program at a contractor company that has been recognized in the NFCA Contractor Accreditation Program (CAP).

The company that enrolls in the UL Qualified SFRM Contractor program also has to establish, implement and maintain a management system focused on the application of SFRM. A management system is used to describe the contractor's SFRM operations.

The Management System approach requires the Contractor

may be determined by the construction documents that have had final approval by code authorities. Where special inspection is implemented, the MHI ultimately determines the acceptability of the installation.

Because the SFRM contractor firm's selection and installation of SFRMs to requirements relies on staff knowledge, the UL Qualified SFRM Contractor Program requires at least one individual employed by the Contractor organization to be designated as a Designated Responsible Individual (DRI) who has demonstrated his/her knowledge via examination and meets other related requirements defined in this document.

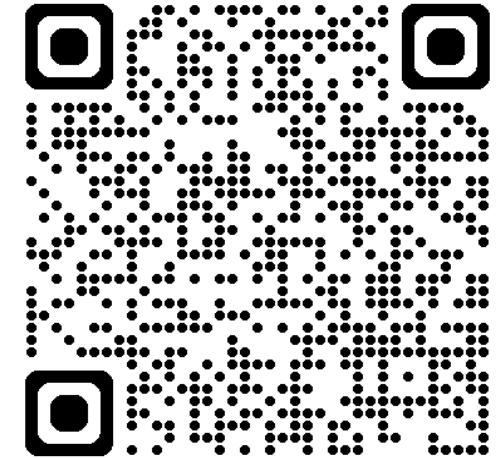
Definitions

Authority Having Jurisdiction (AHJ) — The organization, office or individual responsible for implementing the adopted code. This is typically the building official or fire marshal, or another governmental agency who may also be the final authority signing the "Certificate of Occupancy Permit."

Certificate — The SFRM Contractor Certificate. This is a document issued after an audit has been completed, and conformance to all UL Qualified SFRM Contractor Program Requirements has been determined. The Certificate is valid until Dec. 31 of the following year from which the certificate was issued.

Continuing Education Unit (CEU) — For purposes of awarding CEU credit, the International Association of Continuing Education and Training (IACET) definition will be used for those individuals involved in the UL Qualified SFRM Contractor Program as follows. One (1) CEU is equal to 10 clock hours of instruction in a course or program.

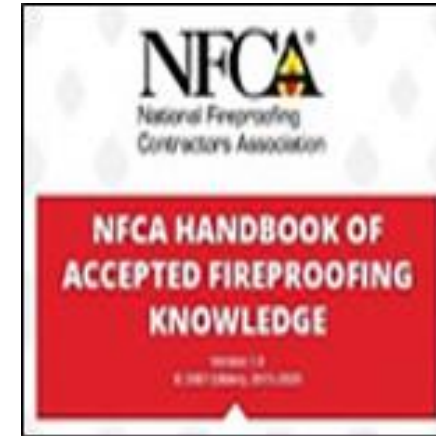
- **NEW PROGRAM**
 - **NFCA DRI**
 - **Management System (MS)**
 - **Audited**
 - **Contractor's Office**
 - **A Jobsite**
- **Several Contractors**



NFCA RESOURCES

NFCA Handbook of Accepted Fireproofing Knowledge (HAFK)

- Study Resource for NFCA Fireproofing Exams
- Fireproofing in 'One Place'
- NFCA Members = \$500 Discount
- **FREE HAFK PDF for AHJ's & Specifiers with Design Firms, Independent Specifiers**
- **SAFETY HANDBOOK INCLUDED**
- More New Chapters coming...
- www.nfca-online.org



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PASSIVE FIRE PROTECTION: AN EXPERT WITNESS VIEW & CASES

PETER Van GORP, HKA GLOBAL



PASSIVE FIRE PROTECTION & CODE & STANDARDS REQUIREMENTS

ABHISHEK CHHABRA
BILL McHUGH
FCIA & NFCA



BREAK



CAPT. Eng. MOHAMED ALHANEH

ABU DHABI CIVIL DEFENCE



**REGISTRATION OF FIRESTOPPING SYSTEM SUPPLIERS & CONTRACTORS
IN ABU DHABI CIVIL DEFENCE AUTHORITY: *PROCESS, CHALLENGES,
COMPLIANCE***

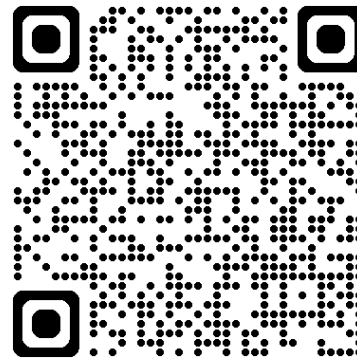
EVALUATING PASSIVE FIRE PROTECTION IN RISK ASSESSMENT

SOURAV CHATTERJEE, LOCKTON
(MENA) LTD



FIRESTOPPING & FIREPROOFING ACCREDITATION PROGRAMS

ABHISHEK CHHABRA
BILL McHUGH
FCIA & NFCA



LUNCHEON



UL SOLUTIONS TECHNICAL EVALUATION DEVELOPER PROGRAM



GAITH BAIKIR
UL SOLUTIONS



FIRE-RATED DUCTS & PENETRATION SEALS: IS MIX & MATCH ACCEPTABLE?

**SEBASTIAN UKLEJA, EMIRATES
SAFETY LABORATORY**



MAINTAINING PROTECTION

ABHISHEK CHHABRA
BILL McHUGH
FCIA & NFCA



CLOSING COMMENTS

ABHISHEK CHHABRA
BILL McHUGH
FCIA & NFCA



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