

FCIA's Fire & Smoke Protection Features Barrier Educational and Firestop DIIM (Design, Install, Inspect, Maintain) Educational Symposium

21, 22 May 2014

The Oryx Rotana ~ Doha



As FCIA's 2014 President, I welcome you to the 2014 Firestop Design, Install, Inspect, Maintain (DIIM) Educational Symposium at the Oryx Rotana Hotel, Doha, Qatar.

FCIA has been actively involved in developing programs, standards, educational materials/seminars and codes to promote building the reliability of installed firestopping throughout the world. The FCIA Firestop Contractor installing Firestop Systems philosophy is but one of the pieces to this complete approach FCIA has taken worldwide.

As an association we have made great contributions to the industry. Many FCIA Initiatives have become industry leading standards, code requirements and specified programs that are building better reliability for fire and life safety daily:

- FCIA Manual of Practice is highly regarded as the industry Firestop knowledge document.
- Life Safety Digest, FCIA's quarterly publication reaches a worldwide audience.
- FM 4991, 'The Standard for Approval of Firestop Contractors' and the Underwriters Laboratories 'UL Qualified Firestop Contractor Program' programs are required in internationally recognized construction specifications.
- FCIA participates on UL Standards Technical Panels, Chairs ASTM Inspection Standards ASTM E2174 and ASTM E2393, worked with IAS to develop the Firestop requirements for IAS AC 291 Accreditation Program for Firestop special inspection agencies. ASTM E 2174 and ASTM 2393 are required by the 2012 International Building Code and recommended in the Abu Dhabi International Building Code.

Thank you to the 2014 (and previous) FCIA Board of Directors for volunteer resources spent to develop, improve, expand and make a difference in the firestop and life safety industry:

Eric Keeton – President
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Scott Rankin – Secretary

Don Murphy – Director
Ken Slama – Director
Bob Hasting – Director
Tracy Smith – Past President
Jodi Clem – Past President

Please consider getting actively involved in FCIA by volunteering for a committee. Each of the committees have made a difference.

Thanks to FCIA members for continued support. Through your financial and volunteerism support, you make FCIA what it is today. Our association welcomes and needs your support worldwide to continue to grow and make a difference in fire safety.

Sincerely,

Eric Keeton, 2014 FCIA President



FCIA DIIM Educational Symposium in Doha – 21 May 2014 AGENDA

Fire & Smoke Protection Features
"DIIM" – Design, Install, Inspect, Maintain for Life Safety
The Oryx Rotana, Doha, Qatar

Specifiers, Architects, Building Officials, Fire Marshals, Contractors, Consultants, Manufacturers, Manufacturers Reps, Distributors, Governmental Officials Welcome.

0800 - 0830	Exhibitor Setup
0830 - 0900	Coffee, Tabletops Open
0900 - 0915	Welcome Bill McHugh, FCIA Executive Director
0915 - 0930	Welcome Remarks – Special Guests
0930 - 1000	DESIGN – Barriers – Where are they located, what are they for? The International Building Code's Chapter 7, "Fire and Smoke Protection Features" covers Barrier Construction and the definitions that are associated with the barrier as does NFPA 101 in Chapter 8. Fire Barriers, Smoke Barriers, Fire Walls, Fire Partitions, Smoke Partitions are all covered in IBC's Chapter 7 Barriers. Learn about Terminology, What is the Barrier? Where it is used? Fire Ratings, what these barriers are and what they • Mr. Bill McHugh, FCIA
1000 – 1030	Break
1030 – 1145	Design & Testing – The International Building Code and NFPA 101 mandate the use of tested and listed products that become systems when installed to systems resulting from ASTM & UL Fire Resistance standards testing. Fire resistance-rated walls, floors, fire dampers, fire rated doors, fire rated glazing and firestopping are all tested to the standards using common evaluation elements. Learn in this segment what the submittal and installation looks like for the walls, floors, and opening protectives. • Mr. Ahmed Eldidi, UL • Mr. Mark Tyrol and Mr. Vidur Berry, FM Approvals • Mr. Randy Clark, Rectorseal • Mr. Ali Kattah, 3M Fire Protection Products
1145 – 1200	Break
1200 – 1230	Inspection – Chapter 17 of the International Building Code mandates Special

Inspection – Chapter 17 of the International Building Code mandates Special Inspection of several building elements. In Firestopping, ASTM E 2174 & ASTM E 2393 Inspection Standards are used for special inspection. IAS AC 291 Accredited Special Inspection Agencies bring credibility to the special inspection agency and inspectors. See pictures of what to look for in the field to find improper firestop installations.

- Mr. Bill McHugh, FCIA
- Mr. Sajid Raza, Butler Engineering (ME)



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1230 – 1300	 Install - FM 4991, Standard for the Approval of Firestop Contractors; UL Qualified Firestop Contractor Programs bring quantified qualification of firestop contractor companies and FCIA's Firestop Education Program provides worker education. Learn about certifications that are available for installation companies during this see pictures of successful and unsuccessful installations. Bill McHugh, FCIA Executive Director Mr. Fouad Hajj, Specified Technologies, Inc.
1300 - 1330	Tabletop Exhibitor Presentations, 2 minutes each
1300 – 1345	Maintenance & Management NFPA 101 and International Fire Code require that fire resistance properties be maintained throughout the building life cycle. Learn about protecting people in existing buildings at this session for Firestopping, Doors and Dampers. • Bill McHugh, FCIA Executive Director & Hilti Representative
1245 1420	
1345 – 1430	Luncheon
1430	Exhibitors dismantle

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- 3M Gulf Ltd.
- Butler Engineering, ME
- DicoTech Qatar, WLL
- Firestop Middle East
- HILTI
- Koffel Associates
- Rectorseal
- Rise & Shine Trading & Contracting
- Specified Technologies Inc.



FCIA Education for FM 4991 or UL Firestop Exams, 22 May 2014 AGENDA

For FM 4991, UL Qualified Firestop Contractor Contractors or IAS AC 291 Special Inspection Agencies The Oryx Rotana, Doha, Qatar

- Education Session from 0830-1600 is open to all FCIA Member Contractors FCIA Member Special Inspection Members. Members of the Department of Municipal Affairs and Department of Civil Defence welcome to attend the FCIA Education Session FREE of charge. Non Member Contractors, Special Inspection Agency personnel may attend for \$595US.
- FM & UL Firestop Exams from 1330 1730 are for Contractors and Special Inspection Attendees who have <u>paid</u> and <u>registered</u> for these exams.

22 May, 2014

0730-0830	Welcome Coffee and Tea
0830 – 1000	FCIA Education Session for FM & UL Firestop Exams • Bill McHugh, FCIA Executive Director
1000-1015	Break
1015-1130	FCIA Education Session for FM & UL Firestop Exams • Bill McHugh, FCIA Executive Director
1130 – 1200	FM Approvals Management System Education
1200 – 1230	UL Management System Education
1230 - 1330	Lunch
1330 – 1730	FM & UL Firestop Exams – Pre Registration Required
1500 – 1515	Break

THANK YOU - FCIA Doha Educational Symposium SPONSORS



















FCIA 2014 Firestop Design, Install, Inspect, Maintain (DIIM) Educational Symposium - Doha Speaker Profiles ~ In alphabetical order

Mr. Vidur Berry, Approvals Engineer

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Mr. Berry is with FM Approvals as an Approvals Engineer. FM Approvals certifies industrial and commercial products and services for thousands of companies worldwide. In addition to the FM APPROVED mark, FM Approvals has been appointed by the European Commission as a Notified Body under the Construction Products Directive (CE Mark). FM Approvals also offers ISO 9000 Registration Services and the FM 4991 Approved Firestop Contractor Program.

His responsibilities as an engineer with FM Approvals include working with building material manufacturers to obtain FM Approval of their products and services. In his current position, Vidur provides engineering technical support for customers and Department of Civil Defence in India and the Middle East, including FM 4991 Approved Contractors.

Vidur began his career in 2004 with a building materials manufacturing company, CBSL Infrastructure Ltd. and further with Havells India Limited. He joined the FM Approvals Division of FM Global in 2008 and is a graduate engineer of the University of Pune, (India), Maharashtra Institute of Technology in Mechanical Engineering.

Mr. Ali Kattah, 3M Fire Protection Products

3M Company 3M GCC, Building 11, 3rd Floor, Dubai Internet City, UAE T: 800-265-1840

Email: akattah@mmm.com

Ali Kattah is the Technical Representative for 3M Fire Protection Products in the Middle East Region.

FCIA 2014 Firestop Design, Install, Inspect, Maintain (DIIM) Educational Symposium - Doha Speaker Profiles continued

Mr. Randy Clark, Rectorseal, Inc.

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Mr. Clark has been involved in the firestopping industry for almost 30 years. With a diverse background in manufacturing, trade organizations, and through penetration firestopping, he has spoken and written in North American and Internationally on firestopping.

Randy has been an active member at several organizations including the National Fire Protection Association, (NFPA), International Code Council, (ICC) and the Construction Specifications Institute (CSI). He also has served on UL's Standards Technical Panel and various committees at ASTM.

Mr. Clark has been involved in the firestopping industry for almost 30 years. With a diverse background in manufacturing, trade organizations, and through penetration firestopping, he has spoken and written in North American and Internationally on firestopping.

Randy has been an active member at several organizations including the National Fire Protection Association, (NFPA), International Code Council, (ICC) and the Construction Specifications Institute (CSI). He also has served on UL's Standards Technical Panel and various committees at ASTM.

Mr. Ahmed Eldidi, Regional Manager, Middle East Africa

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Mr. Eldidi is Underwriters Laboratories' Regional Manager for Middle East and Africa. Ahmed is responsible for the region's operations as well as management of their Dubai office.

Ahmed's experience started as a fire engineering consultant and he has been in the life safety industry ever since. He was involved in numerous major projects as well as working closely with AHJs in the region; including developing the UAE fire code with Dubai Civil Defence. He has a Masters in Engineering Management from Australian University of Wollongong, and Bachelors in Mechanical Engineering from the American University.

With more than a 116-year proven track record, UL has been defining safety from the public adoption of electricity to new breakthroughs that help protect our future. UL is committed to safeguarding people, places and products in new and innovative ways for today's borderless world.

FCIA 2014 Firestop Design, Install, Inspect, Maintain (DIIM) Educational Symposium - Doha Speaker Profiles continued

Mr. Fouad Hajj, District Manager, Gulf Region

Specified Technologies Inc. (STI)

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Fouad Hajj is STI's District Manager for the Gulf Region. He has been working for STI since 2011, first as Territory Manager for Qatar and Kuwait, and then in his present position. Fouad is highly trained in firestopping and has played a key role in supporting firestopping contractors, General Contractors and their subs, as well as Authorities Having Jurisdiction, in their efforts to improve fire safety at the best cost. As a result, he helped consolidate STI's reputation as one of the technical and market leaders for firestopping in the Gulf Region.

Fouad has a Bachelor's Degree in Mechanical Engineering from the American University of Beirut (AUB). Prior to joining STI, he worked for five years as an engineer in the Oil and Gas industry where he held numerous positions, including those of Construction Supervisor and Project Manager. This gave him hands-on and management experience which has allowed him to add value in his present position that extends beyond just firestopping.

Mr. Bill McHugh, CSI, CSC MBA, Executive Director

Firestop Contractors International Association 4415 W. Harrison, Suite 436, Hillside, IL 60162 T: +1-708-202-1108, Email: bill@fcia.org

Bill has been Executive Director of the Firestop Contractors International Association since its inception in 1998 and continues full time as its Executive Director. He has a background in the construction industry participating in the Effective Compartmentation, Firestopping, Roofing and Waterproofing industries in manufacturing, consulting, distribution and contracting, both nationally and internationally since 1981.

He is active in the Building and Fire Code Development process at NFPA, International Code Council (ICC), the State of IL and the City of Chicago. At NFPA, he is a member of the Fire Protection Features Committee and has participated in the NFPA Fire Protection Research Foundation's Research on Smoke Barriers. He is a member of the 2015 ICC Fire Safety Committee and was a member of the ICC Ad-Hoc Committee on Terrorism Resistant Buildings. He has served on the ICC Code Technology Committee Vertical Openings Study Group. Bill is also a member of the International Accreditation Services Board of Directors.

At ASTM, Bill chairs the ASTM E06.21 task group that manages the ASTM E 2174 and ASTM E 2393 On Site Firestop Inspection Standards. He participates at Underwriters Laboratories, Inc. (UL) Standards Technical Panels and monitors international standards activities. Bill is principal author of and works with the committee that maintains the FCIA Firestop Manual of Practice. He has been published in leading journals including Engineering News Record, the Construction Specifier, Construction Canada and is publisher and editor of the *Life Safety Digest*. He holds an MBA from Western Illinois University.

FCIA 2014 Firestop Design, Install, Inspect, Maintain (DIIM) Educational Symposium - Doha Speaker Profiles continued

Mr. Sajid Raza, Advisor & Vice President

BUTLER ENGINEERING (ME), UAE Fire Code Committee, IAS AC 291 Accredited NFPA Education, FCIA Standards Committee, UL STP, FM DRI PO Box 231156, 707, Apricot Tower, Dubai Silicon Oasis, Dubai, UAE T: +971 50 801 6050, Email: sraza@butlerme.com

Mr. Sajid has a BS Mechanical Engineering and an MBA. With 20 years of experience, Sajid has a sound track record in the field of Fire Protection and Life Safety. Under his leadership, Butler Engineering provides a wide range of services including but not limited to Special Inspections, Fire Engineering, Code Consulting, Evaluation Services, Training & Education and Inspection & Quality Management.

His current portfolio includes active association with ASTM, CIDC, NFPA, FCIA, UAE Society of Engineers, ICC-ES, FM, UL. Sajid is a UL Standards Technical Panel member on Underwriters Laboratories STP 1479, 2079 and 555, Education Section of NFPA, UAE Fire Code Committee. Being IAS AC 291 Accredited and passed the FM Firestop Exam, Sajid plays active role in the Design, Install, Inspect, Maintain and Manage (DIIMM) Philosophy of Fire Protection Systems.

He has been publishing papers, authoring articles, presiding at press conferences, speaking on topics like Fire & Life Safety, Inspection & Quality Management, Training & Education, Code Requirements. All of these are his passion.

Mr. Mark D. Tyrol, P.E., Senior Engineer

FM Approvals

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T: 781-255-4873, Email: mark.tyrol@fmglobal.com

Mark has over 24 years experience with the evaluation, testing, and Approval of building materials. Mark's responsibilities as an engineer with FM Approvals include working with building material manufacturers to obtain FM Approval of their products and services.

Mark began his career with FM Global in 1987 and joined the Approvals Division in 1993. Mark is a graduate of the University of Lowell, MA, College of Engineering with Post Graduate Studies from Northeastern University. He is a licensed Professional Engineer (P.E.), Mechanical Engineering in several states. He is also a member of American Society of Mechanical Engineers (ASME), Steel Door Institute (SDI), International Firestop Committee (IFC), National Academy of Building Inspection Engineers (NABIE), National Society of Professional Engineers (NSPE), American Society for Testing and Materials (ASTM) Committee E.05 Fire Testing, National Council of Examiners for Engineering and Surveying (NCEES), and Roof Consultants Institute (RCI).

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Additionally, our global recognition as an IAS accredited Special Inspection Agency under IAS AC 291 accreditation criteria of International Accreditation Service Inc. (IAS) and the International Building Code (IBC) recently adopted by the Abu Dhabi Department of Municipal Affairs (DMA) provides clients with a leading edge to address technical aspects of fire and life safety during project construction through completion.











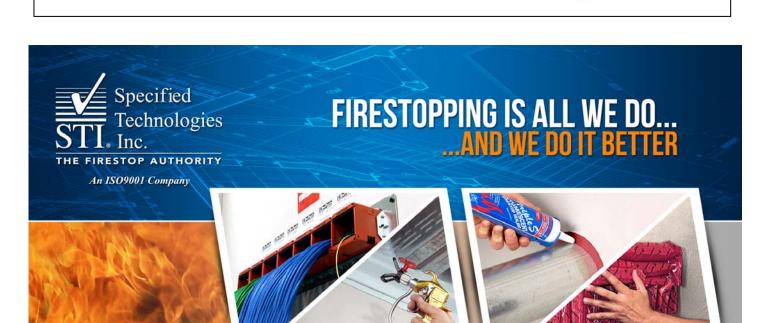
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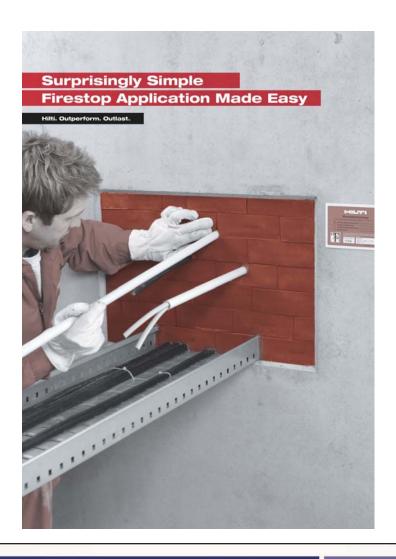
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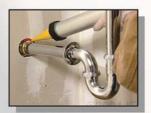
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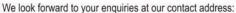




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