



**FCIA's Firestop & Effective Compartmentation
Design, Install Inspect, Maintain (DIIM)
Educational Symposium
June 3-4, 2014**

**Courtyard by Marriott, Calgary Airport
2500 48th Ave. NE,
Calgary, AB T3J 4V8 Canada**



As FCIA's 2014 President, I welcome you to the 2014 Firestop Design, Install, Inspect, Maintain (DIIM) Educational Symposium at the Courtyard by Marriott, Calgary, Alberta.

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 Specialty Firestop Contractor philosophy is but one of the pieces to this complete approach FCIA has taken worldwide. As a group, we are truly an international organization with many successes.

As an association we have made great contributions to the industry. Many FCIA initiatives have become industry leading programs that are building better reliability daily:

- **FCIA Manual of Practice is highly regarded as the industry Firestop DIIM guide.**
- **Life Safety Digest, FCIA's worldwide quarterly compartmentation publication.**
- **FM 4991, 'The Standard for Approval of Firestop Contractors' and the Underwriters Laboratories 'UL/ULC Qualified Firestop Contractor Program' are required in internationally recognized construction specifications.**
- **FCIA participates on UL Standards Technical Panels, Chairs ASTM Inspection Standards ASTM E 2174 and ASTM E 2393, at the IAS AC 291 Accreditation Program for Firestop Inspection Agencies and FCIA's Firestop/Containment Apprenticeship Education Program. ASTM E 2174 and ASTM E 2393 are required by some codes.**

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
Gary Hamilton – Vice President
Mark Dietz – Treasurer
Scott Rankin – Secretary**

**Ken Slama – Director
Don Murphy – 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, Accreditation, Advisory, Code, Finance, Legislative, Life Safety Digest, Marketing, Membership, Program, Standards and Technical-Education-Apprenticeship, have made a difference. FCIA's committee volunteers made this Symposium possible.

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



Sincerely,

Eric Keeton, 2014 FCIA President

FCIA 2014 Committee Chairs & Charters

ACCREDITATION COMMITTEE

Chair: Aedan Gleeson
Gleeson Powers, Inc.
Phone: (508) 553-0800

Vice-Chair: Don Murphy
PPMI Firestop, Inc.
Phone: (317) 894-9111

Charter

The Accreditation Committee developed in collaboration with FM Approvals, *FM 4991*, the Standard for the Approval of Firestop Contractors, and with UL for the UL Qualified Firestop Contractors Program. This committee is working with FCIA members to increase the number of "FM Approved and UL Qualified Contractors" worldwide, while performing ongoing maintenance to the standard and qualification programs.

ADVISORY COMMITTEE

Chair: Aedan Gleeson
Gleeson Powers, Inc.
Phone: (508) 553-0800

Charter:

The Advisory Committee at FCIA is made up of past-presidents who are not on the current board and are consulted at the discretion of the presiding FCIA Board of Directors for advice and development of existing programs and new initiatives. The group's mission is to perform special projects as assigned by the board of directors and/or president. The group (or representative of Committee) may attend board meetings if invited by the President.

CODE COMMITTEE

Chair: Gary Hamilton
Hamilton Benchmark
Phone: (414) 482-0771

Vice-Chair: Don Murphy
PPMI Firestop
Phone: (317) 894-9111

Charter

The FCIA Code Committee is working with Bill Koffel, Koffel Associates, to build code development proposals to improve the reliability of installed firestopping in buildings in addition to adding clarity to the codes. The Code Committee's objectives are:

- Provide Code change proposals that bring better fire and life safety in buildings through properly Designed, Installed, Inspected, Maintained and Managed Firestopping and other Fire Protection Features.
- Monitor the required use of firestopping in the model building codes.
- Provide testimony at hearings when necessary and to promote and defend the industry's position for Firestopping and Effective Compartmentation.
- Manage and work with the FCIA Code Consultant, form relationships at ICC and NFPA hearings and work on the NFPA Fire Protection Features Committee representing FCIA.

FINANCE COMMITTEE

Chair: Scott Rankin
Advanced Specialty Contractors, LLC
Phone: (610) 485-9436

Charter

The Finance Committee was formed to be a resource to the FCIA Board and Treasurer, assisting with financial matters.

LEGISLATIVE COMMITTEE

Chair: Scott Rankin
Pyro-Stop LLC
Phone: (610) 485-9436

Vice-Chair: Randy Bosscawen
Multicon Fire Containment
Phone: (614) 351-2683

Charter

The FCIA Legislative Committee is monitoring legislation nationally regarding firestop licensing while promoting firestop contractor licensing as well.

LIFE SAFETY DIGEST COMMITTEE

Chair: Aedan Gleeson
Gleeson Powers, Inc.
Phone: (508) 553-0800

Charter

The Life Safety Digest Committee works with FCIA Staff to build the magazine's technical content and advertising base.

MARKETING COMMITTEE

Chair: Don Murphy
PPMI Firestop, Inc.
Phone: (317) 894-9111

Vice-Chair: Mike Pautsch
Superl, Inc.
Phone: (763) 571-7464

Charter:

The FCIA Marketing Committee is responsible for FCIA's Exposure to the Construction Industry. Through promotion of FCIA at Trade Shows, speaking engagements, articles, and distribution of marketing and educational tools made available from the FCIA Committees staffed by the professionally committed members, the Marketing Committee has been successful in promoting the FCIA message.

MEMBERSHIP COMMITTEE

Chair: Mark Dietz
Superl, Inc.
Phone: (763) 571-7464

Vice-Chair: Jodi Clem
PREVENT Life Safety Services
Phone: (925) 667-2088

Charter

The Membership Committee is responsible for communicating the value of FCIA programs for existing members while contacting potential new members to teach the benefits of FCIA Membership worldwide, growing the organization.

PROGRAM COMMITTEE

Chair: Jodi Clem
PREVENT Life Safety Services
Phone: (925) 667-2088

Chair: Scott Rankin
Advanced Specialty Contractors, LLC
Phone: (610) 485-9436

Charter

The Program Committee works with the FCIA staff choosing topics and locations for FCIA's spring "FCIA Education and Committee Action Conference" and fall "FCIA Firestop Industry Conference & Trade Show". See <http://www.fcia.org> , Events, for conference information.

STANDARDS COMMITTEE

Chair: Eric Keeton
Dalton Maintenance, Inc.
Phone: (937) 849-9055

Vice-Chair: Tracy Smith
Firestop Southwest
Phone: (480) 752-8550

Charter

The Standards Committee works at standards organizations developing and revising standards through proposals submitted at standards organizations. FCIA works at ASTM International, Underwriters Laboratories (UL), the National Fire Protection Association (NFPA), International Standards Organization (ISO) and other organizations, and brings the field perspective to the standards development process. The Committee also collaborated with International Accreditation Services to add firestopping to the IAS AC 291 Accreditation for Firestop Inspection Agencies.

FCIA's Standards Committee participates at ASTM's E05 and E06 Committees. FCIA drove the development and continues to chair the ASTM E 2174 and ASTM E 2393 standards while participating in UL's Standards Technical Panels.

TECHNICAL, EDUCATION & APPRENTICESHIP (TEA) COMMITTEE

The FCIA Technical Committee develops and maintains the FCIA Firestop Manual of Practice. The group works through Task Groups to develop written documents and presentations for Education of those who need to know about Firestopping from office personnel and workforce of all levels including apprentices, and more. The committee also develops "Standard Answers" that are located on the website as FCIA Technical Resources. These resource articles are for FCIA Member use as an objective 3rd party article to support contractor member's submittals and other situations where a generic answer is required from an industry Trade Association.

Chair: Bob Hasting
Specialty Firestop Systems
Phone: (360) 882-3068

Vice-Chair: Ken Slama
National Firestop, Ltd.
Phone: (204) 777-0100

TEA TASK GROUP – APPRENTICESHIP EDUCATION

Chair: Bob Hasting
Specialty Firestop Systems
Phone: (360) 882-3068

Vice-Chair: Ken Slama
National Firestop, Ltd.
Phone: (204) 777-0100

Charter

The Apprenticeship Education task force mission is to develop the Firestop / Containment Worker Education Program. A result of the group's work may be that Firestopping becomes a recognized trade for union and non-union entities alike. The FCIA Firestop / Containment Worker Apprenticeship standards have been developed and education is being written. The Apprenticeship Education Program from FCIA will provide education tools for instructors and workers who are students of the firestopping trade to use worldwide.

TEA TASK GROUP - EDUCATION

Chair: Bob Hasting

Specialty Firestop Systems

Phone: (503) 233-9784

Charter

The Education task groups primary purpose is to develop education programs and training for FCIA Member Contractors and others who specify, regulate and enforce codes and specifications.

TEA TASK GROUP – Manual of Practice (MOP)

Chair: Ken Slama

National Firestop, Ltd.

Phone: (204) 777-0100

Charter

The Technical Committee wrote and maintains the FCIA Firestop Industry Manual of Practice. The book was developed to create a 'body of knowledge' for firestop contractors and others in the industry to study. The FCIA MOP is the basis of the FM 4991 and UL Qualified Firestop Contractor Program Firestop Exam for becoming Designated Responsible Individuals (DRI's). The Technical Committee works with the Accreditation, Education and Apprenticeship Committees. The committee also develops "Standard Answers" that are located on the website, and identified as FCIA Technical Resources. These resource articles are for FCIA Member use as an objective 3rd party article to support contractor member's submittals and other situations where a generic answer is required from an industry Trade Association.



Education Session from 0830-1230 is open to all FCIA Member Contractors. Governmental Officials welcome to attend the FCIA Education Session FREE of charge.

Non Member Contractors, Special Inspection Agency personnel may attend for \$595US.

Stetson B Ballroom

0730 – 0830	<i>Continental Breakfast</i>
0830 – 1000	FCIA Education Session for FM & UL/ULC Firestop Exams <i>Bill McHugh, FCIA Executive Director</i>
1000 – 1015	<i>Break</i>
1015 – 1030	FCIA Education Session for FM & UL/ULC Firestop Exams <i>Bill McHugh, FCIA Executive Director</i>
1030 – 1130	FM Approvals Management System Education <i>Jeff Gould, FM Approvals</i>
1130 – 1230	UL/ULC Management System Education <i>Brian Bray, ULC</i>
1230 – 1330	Lunch
1330 – 1730	FM & UL/ULC Firestop Exams

Stetson B Ballroom

1730 – 1830 **Reception – All FCIA Members, Guests and Symposium Attendees Welcome**

**THANK YOU - FCIA Calgary Educational Symposium
SPONSORS**

- **3M Fire Protection Products**
- **Adler Insulation & Firestopping Ltd.**
- **HILTI Canada**
- **Koffel Associates**
- **Rectorseal**
- **Specified Technologies, Inc.**



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

Stetson BC Ballroom

- 0800 – 0830 **Exhibitor Setup**
- 0830 – 0900 **Coffee, Tabletops Open**
- 0900 – 0915 **Welcome *Bill McHugh, FCIA Executive Director***
- 0915 – 0930 **FCIA & the DIIM – Why does it make sense worldwide?**
Bill McHugh, FCIA Executive Director
- 0930 – 1115 **Design & Testing – Barriers** – The National Building Code of Canada mandates the use of products that become tested and listed systems when installed to systems designs resulting from ASTM & ULC Fire Resistance standards and testing. FM Approvals goes one step further building ‘MFL’ Walls. 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 about Terminology, What is the Separation? Where it is used? Fire Ratings, what these fire, smoke separations are and what they look like.
Jeff Gould, FM Approvals; Rich Walke, UL; Randy Clark, RectorSeal
- 1115 – 1145 **Break**
- 1145 – 1245 **Install - FM 4991, Standard for the Approval of Firestop Contractors; ULC Qualified Firestop Contractor Programs bring quantified qualification of firestop contractor companies and FCIA’s Firestop Education Program provides education for DRI Candidates and workforce. Learn about what’s going on as well as what’s required in these installation company certification programs.**
Jeff Gould, FM Approvals; Brian Bray, ULC; John Hurley, Specified Technologies, Inc.
- 1215 – 1315 **Luncheon**
- 1315 – 1345 **Inspection** – In Firestopping, ASTM E 2174 & ASTM E 2393 Inspection Standards are used. IAS AC 291 Accredited Special Inspection Agencies brings quantified credibility to the inspection company and individual inspectors. Individual inspectors must also pass the FM or UL Firestop Exam. See what to look for in the field and systems to find improper firestop installations.
Bill McHugh, FCIA Executive Director

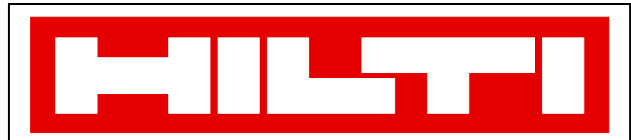
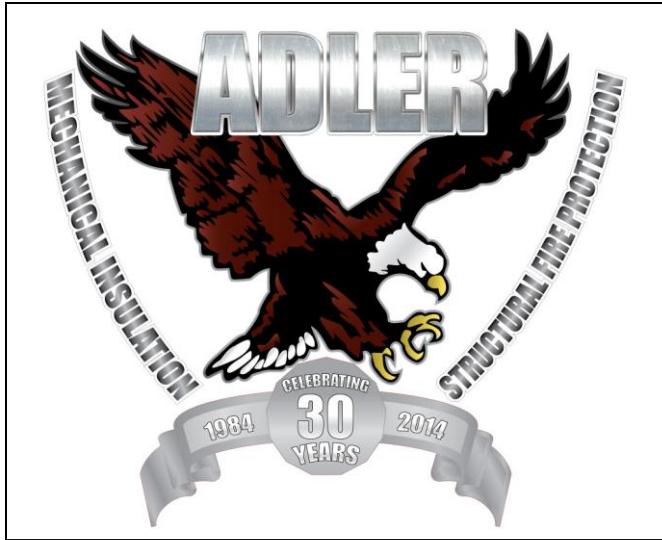


- 1345 – 1400 **Tabletop Exhibitor Presentations, 2 minutes each**
- 1400 – 1500 **National Research Council of Canada – Fire Research Update
Mid-Rise Wood Structures & Research**
This research is just wrapping up at the NRC’s Ottawa and Mississippi Mills locations on these structures. Listen as Joseph covers this topic important to Canada’s wood industry.
Joseph Su, National Research Council of Canada
- 1500 – 1515 **Break**
- 1515 – 1545 **Firestopping in Existing Buildings - Maintenance & Management**
Buildings seem to be constantly under renovation, change, upgrades and more. After many years of new plumbing, wired and wireless internet, piping for medical gasses, power cables, ductwork, a fire separation could look like swiss cheese. Therefore, the existing building stock in Canada may have separations that could let fire spread from space to space, that should be protected. Learn about how a building owner and manager might find ways to keep track of firestopping in existing buildings.
Bill McHugh, FCIA Executive Director
- 1600 **Exhibitors dismantle**

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**FCIA 2014 Firestop Design, Install, Inspect, Maintain (DIIM)
Educational Symposium – Calgary, AB
Speaker Profiles**

Brian Bray, Field Operations

UL of Canada

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Brian currently works for Underwriters Laboratories as a field specialist conducting factory and Quality System Audits. He is also involved in Firestop review and certification, and has international experience in third party assessment and pre-contract reviews.

Brian has worked in the Quality and ISO certification field for the past 26 years as both an internal/external lead auditor. He has experience in conducting, implementing and executing sampling plans for the destructive and reliability testing for the high frequency telecom market. Brian is a senior member of ASQ (American Standard of Quality).

John W. Hurley, National Sales Manager, Canada

Specified Technologies Inc. (STI)

3530 33rd Way NW, Olympia, WA 98502-3233

T: +1-630-866-2722, Email: jhurley@stifirestop.com

John is STI's National Sales Manager responsible for Canada as well as for Alaska, Hawaii, Phillipines, Guam and Micronesia since 2010. Prior to that, he was the Regional Manager for Canada and the Western United States, increasing his geographic area of responsibility since becoming Western Regional Manager in 1995. Prior to STI, he worked for John Latta Associates as an Account Manager.

John's areas of interest are:

- Developing a Management Approach for controlling penetrations in smoke and fire barriers
- Taking Proactive Control of Penetrations I Smoke Walls and Fire Barriers
- Monitoring trends in barrier performance improvements for the Life-Safety Committee
- High-traffic openings in smoke and fire barriers; how to ensure life-safety despite endless cable change
- Developing permit programs that work (i.e. Work performed above ceiling grid and in confined space
- Penetrations in smoke and fire barriers; what the codes require and how to insure compliance

He has over 20 facilitated Firestopping and Life Safety presentations since 2001. He graduated from Pacific Lutheran University, WA in 1990 with a BA.

Jeff Gould, Senior Engineering Specialist

FM Approvals

PO Box 9102, Norwood, MA 02062

T: +1-781-255-4873, Email: jeffrey.gould@fmglobal.com

Jeff is a Senior Engineering Specialist in the Materials Group of FM Approvals. Jeff has been with FM Approvals for over 23 years in various engineering and managerial capacities. He represents FM Approvals on a number of technical committees including NFPA committees and other various code bodies.

He has also been involved with the research and development of a number of test methods and standards that are used to assess products destined to become FM Approved. Jeff has been involved in the development of the 4991 Approval Contractor program from its inception and worked closely with the industry in developing the Approval Standard.

Jeff has a BS in Civil Engineering from Southeastern Massachusetts University (now UMASS – Dartmouth) and is a Registered Professional Engineer in the Commonwealth of Massachusetts.

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. Prior to FCIA, his background included construction industry experience 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, the International Code Council (ICC), the State of IL and the City of Chicago while monitoring the Canadian National Building and Fire Code Development Process. 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 was 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.

Dr. Joseph Su, Ph.D., Principal Research Officer
National Research Council Canada
Building M-59, 1200 Montreal Rd., Ottawa, ON K1A 0R6
T: +1-613-993-9616, Email: joseph.su@nrc-cnrc.gc.ca

Dr. Joseph Su is a **Principal Research Officer, Group Leader** at the National Research Council of Canada's Fire Safety Unit. He has over 20 years of research experience in fire development, fire detection and suppression, fire performance of materials and systems and full-scale fire testing.

He has over 170 publications and currently serves as the International Convener of ISO/TC92/SC3/Working Group 2 (Generation and Analysis of Fire Effluents) and as a member of the editorial board for the Fire Technology journal. He was a recipient of the 2000 Jack Bono Engineering Communications Award from the Society of Fire Protection Engineers.

Rich Walke, Regulatory Services

UL LLC
333 Pfingsten Rd., Northbrook, IL 60062
T: +1-847-664-3084, Email: richard.n.walke@ul.com

Richard N. Walke is a Senior Regulatory Engineer with the Regulatory Services Department of UL, LLC. (UL) in Northbrook, IL. He has been actively engaged in engineering and research for over 35 years.

Prior to assuming responsibility in the Regulatory Services Department, he was responsible for fire protection services provided to the architectural and contracting communities. This included responding to day to day inquiries, providing engineering judgments, providing educational seminars, developing internet based training programs, and improving the format of information contained in the UL Directories and website.

Prior to assuming responsibility for the architectural services area, Mr. Walke provided the supervisory and review activities of engineering investigations conducted on fire resistive construction, through-penetration firestop systems, joint systems, fire resistive electrical outlet boxes, electrical circuit protections systems, fire resistive grease and air ducts systems, interior finish building materials, air duct materials and solid fuel heating appliances.

Prior to undertaking supervisory positions, Mr. Walke was actively involved in the conduct of engineering investigations on interior finish building materials, electrical cable, air duct materials and solid fuel appliances.

Mr. Walke received a Bachelor of Science Degree in Civil Engineering from Valparaiso University in 1976. He is currently a Certified Quality Engineering with the American Society for Quality Control and has been honored as a UL LLC *'Distinguished Member of Technical Staff'*.

Randy Clark, Manager of Firestop Technologies

Rectorseal, Inc.

2601 Spenwick Dr., Houston, TX 77055

T: +1-713-263-8001 F: +1-713-263-7577 Email: randyc@rectorseal.com

Randy 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.

FCIA THANKS THE 2014 CALGARY ADVERTISERS!



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 - Award Magazine





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Specified Technologies Inc.
THE FIRESTOP AUTHORITY
An ISO9001 Company

**FIRESTOPPING IS ALL WE DO...
 ...AND WE DO IT BETTER**



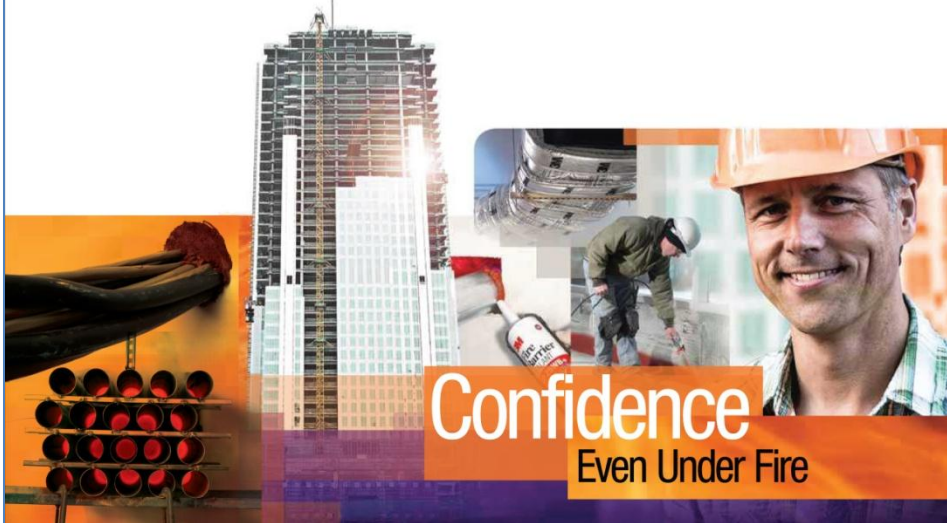


With offices in Latin America, Europe, the Middle East, India, China and representation across every continent, STI is committed to offering the right products, tested systems and specification tools to get the job done right...the first time.

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