

# FCIA Webinar

## Who is FCIA Barrier Management Systems

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# Who is FCIA?

- Worldwide Trade Association
  - Contractors
  - Consultants – Voting/Non Voting
  - Manufacturers
  - Distributors
  - Manufacturers Reps
  - Friends



# Who is FCIA?

- 1997-98 – Steering Committee Meetings
  - Questions asked...
    - Why isn't there a way for contractors to differentiate?
    - Why isn't there inspection?
    - Why isn't there a industry knowledge document?
    - What can FCIA do at Code Development Org's?
  - Resulted in ....

# FCIA 1998 Mission & Strategic Plans

## FCIA MISSION

..... FOR MEMBER ORGANIZATIONS  
TO BE RECOGNIZED THROUGHOUT  
THE CONSTRUCTION INDUSTRY AS  
~~PREFERRED~~ <sup>SPECIALTY</sup> ~~QUALITY~~ CONTRACTORS  
OF LIFE SAFETY FIRESTOP SYSTEMS.

FCIA MEMBER CONTRACTORS ARE COMMITTED  
TO PROVIDING CONSISTENT, HIGH QUALITY  
FIRESTOP SYSTEMS AS A CRITICAL PART  
OF EFFECTIVE COMPARTMENTATION

ORIGINAL: '04/98

REVISED : 01/05

# Who is FCIA?

- Trade Association
  - 1999 - First Meeting – UL Northbrook, IL



# Who is FCIA?

- 1999 - First Meeting – UL Northbrook, IL
  - Same Questions asked...
    - Why isn't there a way for contractors to differentiate?
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    - What can FCIA do at Code Development Org's?
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# 1998-2005-2014 Mission

- The FCIA's mission is for member organizations to be recognized throughout the construction industry as preferred quality contractors of life safety firestop systems.
- FCIA Member Contractors are committed to providing consistent, high quality firestop systems as a critical part of Effective Compartmentation. Through active participation in the FCIA and related forums, members contribute to the advancement of the firestop and compartmentation industry and maintain exceptional knowledge of this specialized service.
- Through this professional commitment to fire and life safety, member contractors bring considerable value to their customers by enhancing public safety and property protection.

# Who is FCIA?

- 1999 - First Meeting – UL Northbrook, IL
  - Mission resulted in ACTIONS...
  - DIIM Industry Strategy Presented & Accepted
    - Four Committees formed
      - Accreditation – Create FM, UL/ULC Programs
      - Technical – MOP – Build Body of Knowledge
      - Liaison – Marketing – Get Connected
      - Code – Get active!





# How is FCIA Governed?

- Overseen by ‘Governing Board’ – YOU??
  - President
  - Vice President/President Elect
  - Secretary
  - Treasurer
  - 5 Directors
  - Past President, Past Past President
  - Board of Directors



# How is FCIA Governed?

- Board Elections Yearly
  - ‘Voting Members’
    - Contractors
    - Consultants
  - Directors
    - 11 Directors
    - 3 year terms
    - + (-) 3 Directors rotate off each year
  - Secretary, Treasurer, Vice President –
    - 1 Year Terms



# What does FCIA Do?

- Promote FCIA Industry Strategy - DIIM
  - Advocate
  - Education
  - Exposure
  - Networking

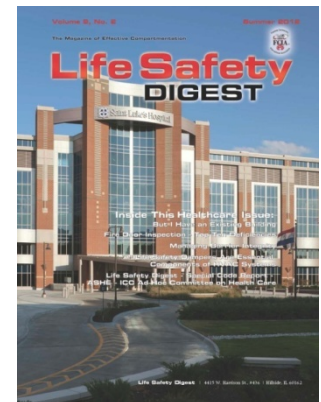


# “DIIM”

- Firestopping for Safety – DIIM
  - Properly **Designed** and Specified Firestopping
    - FCIA’s 07-84-00 - Specification
  - **Tested and Listed Systems** - ASTM E 814 / UL 1479 - UL 2079, ULC-S-115, ASTM E1966, E2307, E2837, FM 4990
  - Professional **Installation** – FCIA Member, FM 4991 Approved, UL-ULC Qualified Contractors
  - Properly **Inspected** - ASTM E 2174 / 2393 Protocol by IAS AC 291 Accredited Inspection Agencies, Inspectors pass FM or UL Firestop Exam **AND IFC Exam.**
  - **Maintained** - Annually - FCIA Members – NFPA 101, International Fire Code, UAE Fire and Life Safety Code of Practice, National Fire Code of Canada

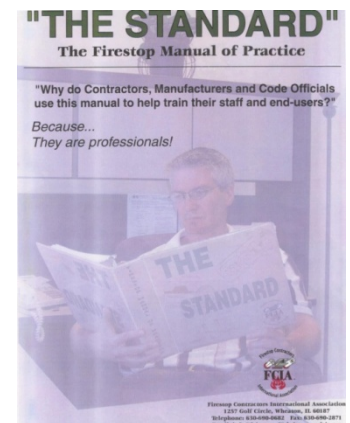
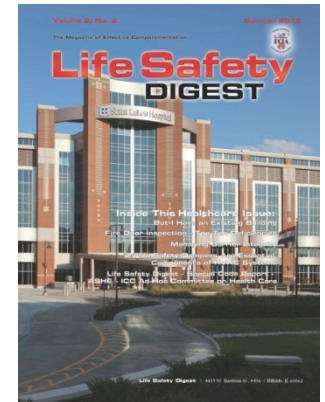
# FCIA – Worldwide Association

- Firestop Contractors, Manufacturers, Consultants, Reps, Distributors,
- Life Safety Digest
- FCIA Website Resources - FREE
- FCIA MOP on PDF FREE to Specifiers, Architects, Governmental Bldg./Fire Officials, worldwide..



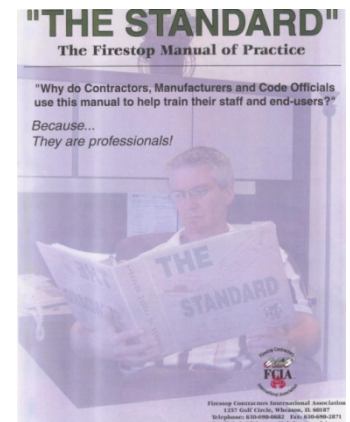
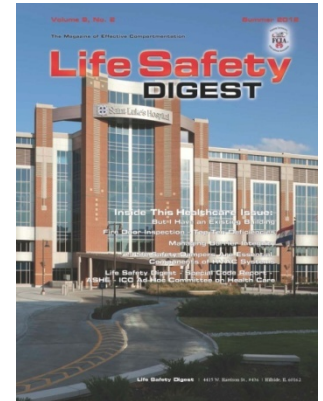
# FCIA – Worldwide Association

- Networking
  - FCIA Conferences, Symposiums
- Education & Exposure
  - FCIA MOP, FREE Updates
  - Life Safety Digest
  - Education for FM & UL Exams, FM 4991, UL QFCP & IAS AC 291
  - Management System Manual Template
  - FCIA Survey Practice



# FCIA Member Benefits

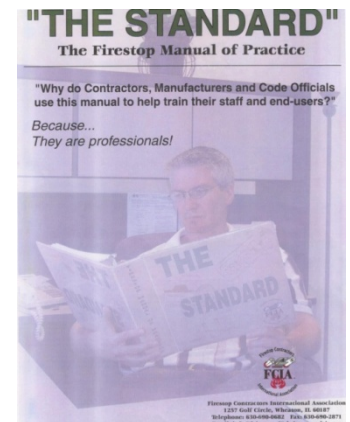
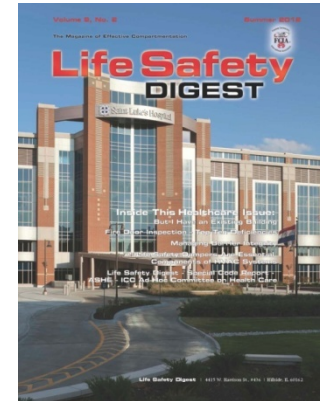
- Advocacy – Writing, Speaking, Website
  - Specifiers & Architects
  - Code Development
    - Building Code Officials
    - Fire Marshals
  - Standards Development
    - ASTM & UL
- 3<sup>rd</sup> Party Accredited Organizations, Verified Knowledge by UL, FM
  - Companies & Individuals





# FCIA Member Benefits

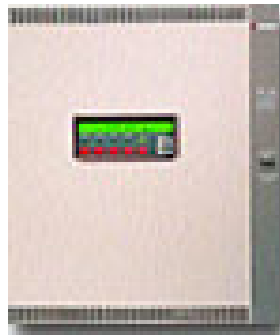
- Advocacy – Build an Industry
  - Firestop Containment Worker Education
  - Firestop Special Inspection & FM/UL Exams
  - NAICS Code for Firestopping – 47-4099.99
  - O-Net Classification–Insulation Worker, Other
  - ASHE/UL/TJC/FCIA Barrier Management Symposiums
  - Trade Shows
  - Presentations
  - Articles in Magazines





# “TOTAL FIRE PROTECTION”

- Effective Compartmentation = Barrier Management
  - Fire Barriers, Fire Walls/Floors, Smoke Barriers
  - Firestopping, Fire Dampers, Swinging and Rolling Fire Doors, Fire Rated Glazing
- Detection & Alarm Systems
- Sprinkler Suppression Systems
- Education & Egress—
  - Building Owners & Managers, Building Occupants and Firefighters



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# What does FCIA Do?

- Through Committee & Staff Activity... Advocate.
  - Accreditation
  - Technical, Education, Apprenticeship,
  - Standards & Code
  - Marketing & Membership
  - Legislative
  - Life Safety Digest



# Accreditation

## FM 4991 & UL-ULC QFC

- FCIA Approached, Collaborated
  - FM Approvals – 1999-2000
  - UL/ULC – 2003-2006
- *“Build a Unique Program for Firestop Contractors to Separate themselves from other non specialist contracting firms”...1999, FCIA*



# Accreditation

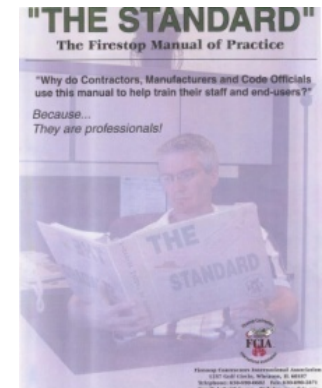
## FM 4991 & UL-ULC QFC 2014

- FM & UL Meetings – Personal, Teleconference
  - Norwood, MA
  - Northbrook, IL
- FCIA, UL Educated UL Auditors
- FCIA, FM Educated FM Auditors
- FM 4991 in FM Data Sheets
- FM & UL Firestop Exams for Special Inspectors
  - Clark County, Phoenix



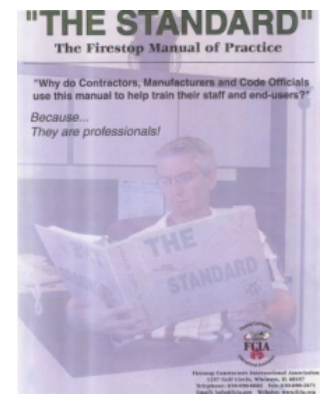
# Technical, Education, Apprenticeship

- **MOP & Firestop Containment Worker Education**
  - 1<sup>st</sup> Edition – 1999 – 2000
  - 2<sup>nd</sup> Edition – 2001
  - 3<sup>rd</sup> Edition – 2005
  - 4<sup>th</sup> Edition – 2008
  - 5<sup>th</sup> Edition - 2014 & 2015
    - Ch. 3 - 50 to 525 pgs. - **Spring 2014**
    - Inspection Chapter – December, 2017
    - **Canada Chapter – 2018**
    - **Code Chapter – 2018**
    - **Identification Systems – LATE 2017**



# Technical, Education, Apprenticeship

- **MOP & Firestop Containment Worker Education**
  - FCIA Firestop MOP Firestop Containment Worker Edition
    - Electronic & Paper
    - **Books - \$95/each.**
    - **22 Powerpoint Presentations** with Speaker Notes
    - **22 Quizzes** for students
    - **FCIA Video** – Step by Step
- **Package Price @ \$1495/Members**
  - **DVD & FSCW Book - CALL**
  - **2018 Updates...coming.**
  - **FCIA Researching ... Trade**



# Standards Committee

- **ASTM E2174/ASTM E2393 Inspection Standards**
  - 1999 FCIA Spring Conference -
    - “Why no IBC Independent Inspection required - fireproofing?”
    - Mike Pfeiffer, “Build a standard, write a code proposal, get it in ‘YOUR’ ICC Code”
  - FCIA Standards Committee hired Consultant
  - Wrote Draft, worked with Manufacturers at ASTM
  - FCIA Staff, Code Committee & Bill Koffel
  - **RESULT = Inspection in 2012 IBC Code**





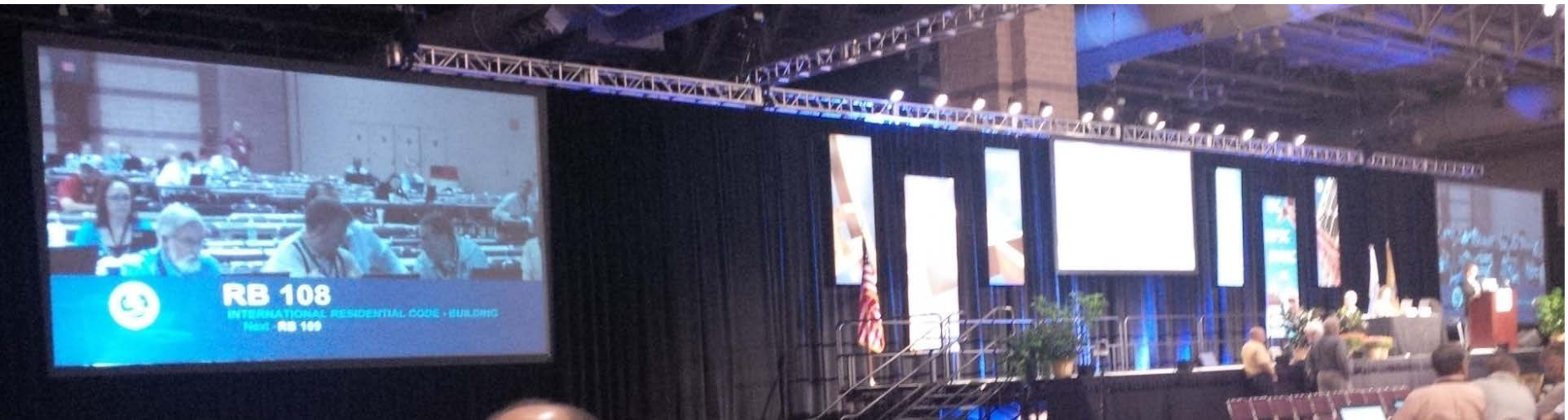
# Standards Committee

- ASTM E2174, ASTM E2393 Inspection Standards
  - Appendix describes FM 4991 & UL QFC Programs
  - Continuous Improvements
    - Is the inspection quantity correct?
  - IAS AC 291 Accreditation Starting to Grow...
- UL Standards Technical Panel
  - Membrane Pens
- ASME Defeated at IAPMO



# Code Committee

## ICC, NFPA & IAPMO Code Development



Codes



# Code Committee – Bill for Gary

- **ICC Code Development – 2018 Codes**
  - **703.1, Maintenance, Becomes 701**
  - **Inventory of Fire Resistance – Documentation**
  - **Inspect to Systems, when known...Documentation**
  - **Install to Manufacturers Instructions & Listing**
- **NFPA 5000/101/1**
  - **Added ASTM E 2174/2393**
  - **Added...Maintain Fire Resistance**



# Code Committee @ NFPA FPF Meetings

- FCIA @ Fire Protection Features Committee
  - Added language that points to FM & UL Contractor Programs to Appendix of Chapter 8
  - NFPA 1 Special Inspection, Maintenance
  - NFPA Annex, Firestop Contractors
  - Participate at Meetings



# Marketing Committee

## Aedan Gleeson

- Trade Shows, Life Safety Digest & Speaking
  - Barrier Management Symposiums
    - **ASHE - 14 Symposiums, 3 years, 1,000+ attendees**
    - **APPA – 2018 Symposiums**
  - CHES National Convention
  - ASHE Annual Conference
  - ICC Expo
  - CONSTRUCT/CSI
  - NFPA Expo
  - ICC / ASTM Symposium in Dubai
  - **NEW Barrier Management Services Section, FCIA.org**
- **FCIA Webinars –**
  - Over 150 sites per session
  - 2017 – 15+ Sessions



# Marketing Committee

## Outreach & Relationships

- *Healthcare - ASHE/FCIA/UL/TJC*
- *ASHE Insider Article - Symposiums*
- *ICC Expo & ABM*
- *APPA*
- *AGC*
- *BOMA*
- *NFPA Expo*
- *TJC – Educated Surveyors*
- *CSI Article - CONSTRUCT-SCIP Show*
- *CSC Construction Canada - Article*
- *International Fire Protection Article*
- *New York State Fire Marshals & Inspectors*
- *Campus Fire Safety*
- *ConstructCanada*
- *TIAC Times*
- *Much More...*



# Marketing Committee Outreach & Relationships

- ***City of Chicago***
- ***City of Tampa***
- ***Clark County, NV***
- ***City of New York***
- ***City of Dallas***
- ***BOAT, TX***
- ***Many more...***

# Marketing Committee Outreach & Relationships

- **FCIA Webinars –**
  - Over 150 sites per session
  - 2014 - 8 Sessions
  - 2015- 2017 – 15+ sessions





# Marketing Committee Outreach & Relationships



CONSTRUCTION  
CANADA



# Marketing Committee Trade Shows @ CSI & SCIP, ICC, AIA, ASHE NFPA Expos



# Canada Committee-

## Bill McHugh & Jim Smiley

- **National Building Code of Canada – 2020 Codes**
  - FM 4991 & UL/ULC QFCP
  - ASTM E 2174/2393 Inspection
  - Fire Stop to Firestop
  - Maintenance – Inventory – *Prove it*
- **Building Official Associations**
  - Nova Scotia
  - Association of Building Official Organizations
- **CHES Convention**
- **NEW NRC Specification Published, DIIM**
- **Apprentice Determination – Nova Scotia Discussions**



# Membership Committee

- **Membership – Renewals @ 86%++**
- 1999 - 40 Members
- 2005 – 121 Members
- 2008 - 215 Members
- 2012 – 310 Members
- 2013 – 321 Members
- 2017 – 340 Members

# Membership Committee

- **FCIA Membership – 340**
  - Contractors – 270
    - 40 Canada
    - 43 International -
  - Manufacturers - 20
  - Associates – 45
    - 21+ Inspection Agencies
    - 5 IAS AC 291
  - Friends/Retired - 5
- Renewals @ 87%



# FCIA Membership

- Why is Member Retention 87% Overall ?
- Involvement...Relationships...Outreach
- 'FCIA On- Location Conferences'



# Membership & Marketing

## Canada Task Group

- Canada Task Group Visibility & Outreach
  - Canadian Healthcare Engineering Society
  - Construction Specifications Canada
  - Construction Canada
  - RAIC, TIAC,
- NRC-CNRC @ FCIA's Symposiums
- FCIA Education for ULC Firestop Exams
- FCIA @ NEW Canada National Master Spec
- FCIA French Spec @ FCIA.org

**NRC - CNRC**



# Membership/Marketing

## 'FCIA On-Location – Toronto'

- **FCIA Symposium – Canada**
  - 55 Attendees @ Edmonton Symposium
  - Relationships –
    - National Research Council of Canada – NRC-CRC
    - Ontario Building Officials Assn. Members, City of Toronto





# Membership & Marketing FCIA On-Location UAE - Qatar



# FCIA International Task Force Results

- **FCIA @ IAS - ICC Global Efforts & SDO's**
- **ICC - Abu Dhabi International Building Code**
  - Published...implemented
  - ASTM & UL Standards
  - Hose Stream Test – Notice given...
  - ASTM E 2174, ASTM E 2393 Inspection
  - ASTM / ICC Symposium - October
  - Maintenance & Management
- **FM & UL Contractors, IAS Inspection Agencies**
  - Specifications Growing - USA, Canada, Overseas



# Don't Miss FCIA's 2018 Conferences

- **FCIA ECA 2018 - Memphis**



- **FCIA FIC 2018 – Austin, Texas**

# FCIA Association Report

- FCIA Membership Growth Result of...Teams
  - FCIA Board
  - FCIA Committees
  - FCIA Staff
- ***Builds Reliability of Installed Firestopping through the 'DIIM'***

# Legislative Committee

- **Monitors Legislation re: Firestopping**
  - **Firestop Contractor Licensing**
  - **Future?**

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