

WELCOME FCIA EXISTING BUILDING FIRE-RESISTANCE & FIRESTOP SYMPOSIUM



THANK YOU – FCIA MEMBER SPONSORS

PLATINUM



GOLD



SILVER



FCIA VANCOUVER '22



ATTENDEE NOTES

EMERGENCY PROCEDURES

SILENCE PHONES

CERTIFICATES OF ATTENDANCE WITHIN 14 BUSINESS DAYS

SPREAD THE WORD –

FCIA CERTIFICATES, JOIN FCIA

FIRESTOP SYSTEMS MAINTAIN PROTECTION

www.FCIA.org – PRESENTATION ARCHIVES – SLIDES



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.



CANADA '22 FACULTY



FCIA VANCOUVER '22

FCIA

CANADA '22 **MONDAY** AGENDA

- ASSOCIATION WELCOME
- FIRE-SEPARATIONS, FIRESTOPPING, & CODE REQUIREMENTS –
 - RICH WALKE & BILL MCHUGH
- FIRESTOP DESIGN, INSTALLATION, & INSPECTION –
 - , BRIAN BRAY & BILL MCHUGH
- PERIMETER FIRE-CONTAINMENT –
 - RICH WALKE
- MWT/CLT & FIRESTOPPING: CAN THIS WORK? –
 - JULIO LOPES & MATTHEW WINSTON
- FIRESTOPPING BASICS FOR COMBUSTIBLE PIPES –
 - JULIO LOPES, CORY NORMAN, P.ENG, SCOTT MILBURN, MATTHEW WINSTON
- MAINTAINING PROTECTION: BEST PRACTICES–
 - BILL MCHUGH

CANADA '22 **BREAKFAST** SPONSORS

FCIA GOLD MANUFACTURER MEMBERS



CANADA '22 LUNCH SPONSORS

FCIA PLATINUM MANUFACTURER MEMBERS

3M

HILTI



FCIA 

CANADA '22 **BREAK** SPONSORS

FCIA SILVER MANUFACTURER MEMBERS



FCIA BOARD OF DIRECTORS

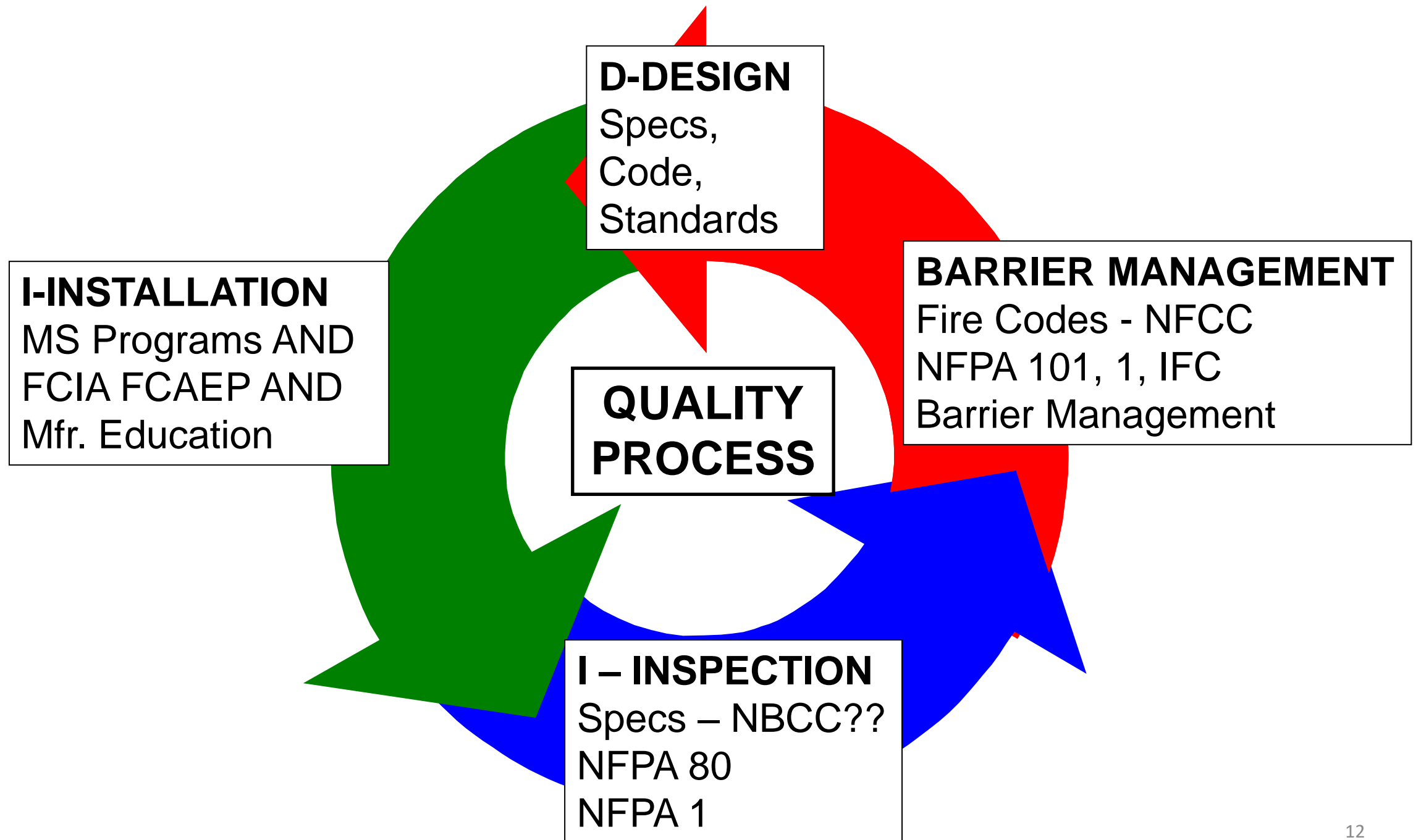


23 YEARS - LEADERSHIP

FIRESTOP CONTRACTORS INTERNATIONAL ASSOCIATION

- **FCIA Members – 365 Companies**
 - Firestop Contractors
 - Firestop Manufacturers
 - Firestop Consultants
 - Firestop Distributors, Reps, Friends
- **54 Canada Members**
- **45 Canada Contractors**





“FCIA’s DIIM”

- Fire Resistance & Smoke Resistant Systems
- Properly ***D-Designed*** and Specified Firestopping
 - FCIA - 07-84-00 – REFERENCE FROM EACH SECTION
 - ***RSW, CCS***
- ***Tested and Listed Systems*** – Selected by INSTALLER
 - ***CAN/ULC-S115***, S112, S104, ASTM E2307, E2837, ***E3037-Movement***, E2785 Exposure, UL1479 ONLY Smoke (L), Water (W)

“FCIA’s DIIM”

- Fire Resistance & Smoke Resistant Systems
- Professional *I-Installation* –
- FCIA Member, ULC Qualified Contractors, FM 4991 Approved, AND Manufacturer Educated
- Properly *I-Inspected* –
 - ASTM E2174 / E2393
 - by IAS AC 291 Accredited Inspection Agencies,
 - Inspectors who PASS ULC, IFC, FM Firestop Exams
 - FCIA’s Certificate of Achievement Programme

“FCIA’s DIIM”

- Fire Resistance & Smoke Resistant Systems
- ***M-Maintain Protection*** –
 - Annual Visual Inspection? by FCIA Members –
 - Inspection to maintain integrity?
 - **National Fire Code of Canada**
- <http://www.constructioncanada.net/firestopping-and-effective-compartmentation/>
- www.FCIA.org/LifeSafetyDigest

FCIA IN CANADA

- **Company Accreditation Programs –**
 - **UL/ULC QFCP - FM 4991– CONTRACTOR Quality Management Systems QMS**
 - **IAS AC 291 – Inspection Agencies QMS**
- **Individual Personnel Education & Exams**
 - **FCIA MOP – 900+ Pages – INTERNATIONAL Standards**
 - **UL/ULC & FM Firestop Exams**
 - **FCIA Certificate of Achievement Programme**
- **Chair, ASTM Inspection Standards**
- **FREE Recommended Practice – Labelling – Request**



**Underwriters'
Laboratories of Canada®**
Laboratoires des Assureurs du Canada
**Qualified Firestop
Contractor Program**

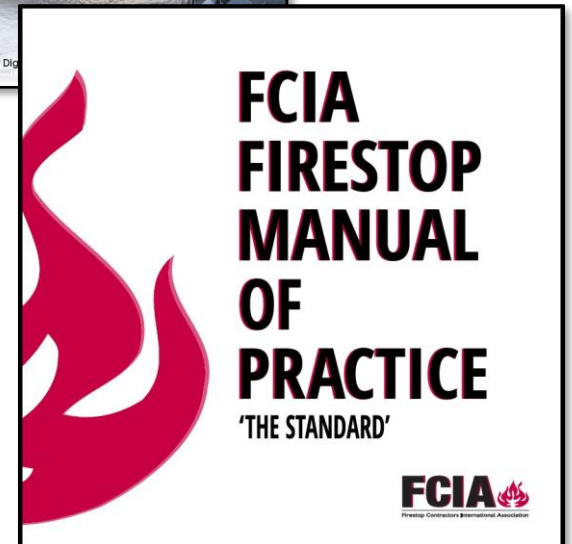
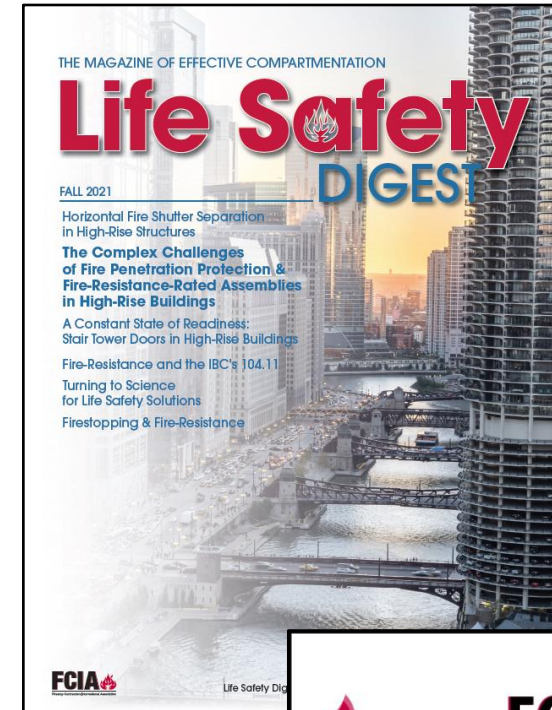


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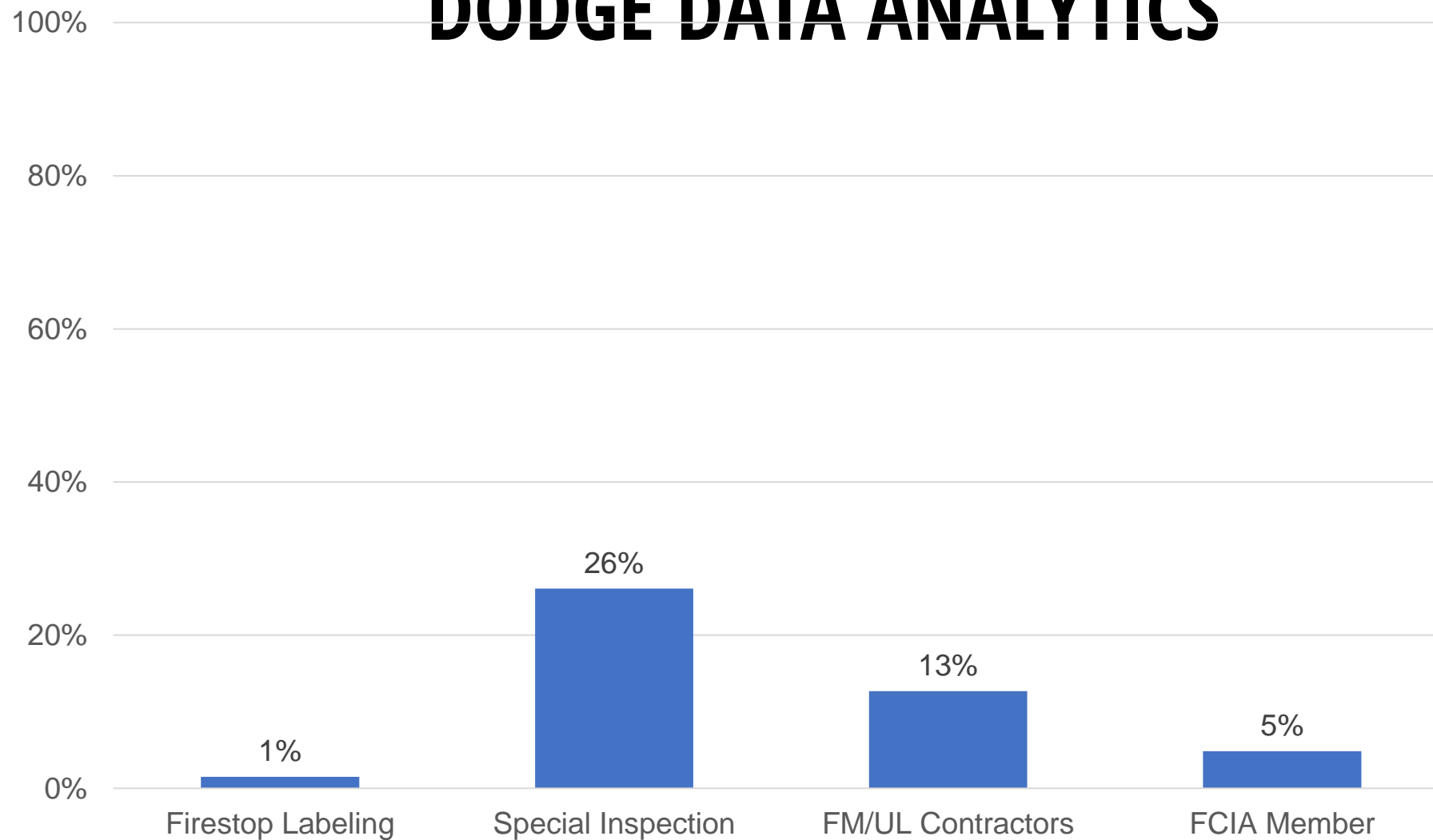
FCIA IN CANADA

- Active Canada Committee
- FCIA.org & Member Lists
 - FREE & Open to All
 - Members Only Too
- FREE Life Safety Digest – PDF, Print
 - ALL are welcome
- FCIA Manual of Practice
 - FREE for Architects, Specifiers, Code Officials, Fire Marshals, & Select Others
- FCIA Webinars – 15+
- FCIA.org FREE 07-84-00 Spec for Canada
 - English
 - **French**
- NRC & A/E National Master Specification
- National Commercial Master Specifications



CANADA SPECIFICATION RESULTS

DODGE DATA ANALYTICS



FCIA's 2020-2025 Proposals – National Building Code of Canada

- **Firestop Installation Standards**
 - ULC Qualified Firestop Contractors or FM 4991 Approved
 - **DISAPPROVED – 2020**
- **Firestop Inspection**
 - ASTM E2174 and ASTM E2393 Standards - Firestop Inspection
 - **DISAPPROVED – “No Objective” 2020**
- **Add “Breach” Term to the Code...APPROVED**
- **Change “Fire Stop to “Firestop”...APPROVED**

FCIA's 2020 & 2025 Proposals – National Building & Fire Code of Canada

- Fire Resistance “**Inventory**”
 - **DISAPPROVED**
- Annual Visual Inspection
 - Fire Separations, Firestops, Fire Doors, Fire Dampers, Firestop Systems...for building maintenance
 - **DISAPPROVED**
- Existing Buildings
 - **Repair Damage** to Fire Separations
 - **Require Documentation** of Fire Separations, etc.
- ***“Do we have a problem in Canada??”***

FCIA FOCUS = SYSTEMS/LISTINGS & Materials....





FREE PDF FCIA MOP

Code Officials

Fire Marshals

& CSC Specifiers

Architects/Engineers @ Design Flrms

Info@FCIA.org - www.FCIA.org

Buildings are Safe Because....

- ***Total Fire Protection Stats -
North America High Rise***
- ***11,025 Tall Buildings - 20 + stories***
- ***70% in NY, SF, LA, CHI, HI, Toronto...***
 - ***Chicago, NY, Toronto – Older stock of buildings***
 - ***SF, LA, HON – Earthquakes***
- ***Compartmentation Primary in Older Structures, Earthquakes***
- ***Sprinklers & Alarms Added Protection***
 - » ***Source, Emporis.com***

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...

- ASSOCIATION





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 - ASTM E2174 and ASTM E2393 Standards for On-Site Firestop Inspection
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- **Change “Fire Stop to “Firestop”...APPROVED**

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