



the standard in safety



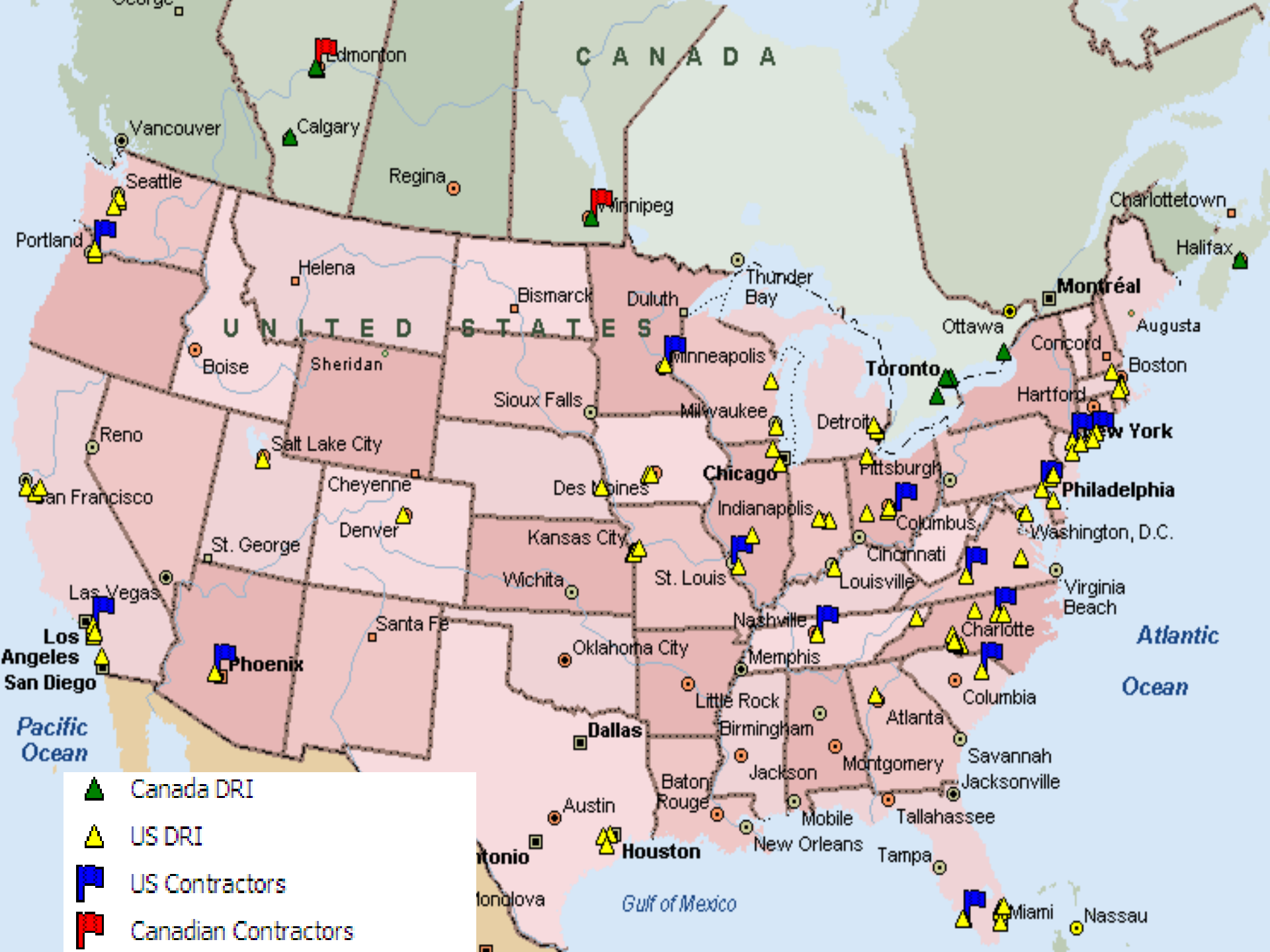
**Underwriters
Laboratories**

**Qualified Firestop
Contractor Program**

FCIA Firestop Industry Conference
San Francisco, CA
April, 2010

Today:

- 18 Firestop Contractor Firms now Qualified
 - 9 Contractors Qualified in 2009
 - 2 Contractors Qualified in 2010
- 114 Individual Contractors Passed DRI Exam (represent 84 companies)
- 8 UL Qualified Auditors in N.A.



Demand for the Program



&



currently include the UL
Qualified Contractor Program as
a specification



- Architects include as a specification in project requirements
- General Contractors use as a means to identify and select Contractors
- Authorities use as a means to identify specialty contractors

What is UL doing to drive demand for the Program?



- UL's Regulatory Services educating AHJs on:
 - Proper design, installation, inspection and maintenance of firestop systems is critical to fire and life safety in buildings
 - Value of UL rated systems
 - Value of Qualified Firestop Contractor Program
 - Arizona next week
 - Utah in May
 - Minnesota in July

Benefits to Stakeholders

- *Building Owner*
- *Architects*
- *Engineers*
- *General Contractors*
- *Building Inspectors*



UL's Contractor Program:

Increases confidence in the installation Contractor that materials are installed to requirements

Firestop
Installation
Contractors



Differentiates specialty Contractors utilizing management system processes to provide consistent installations that meet requirements





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Underwriters Laboratories Qualified Contractor Programs

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- Qualified Contractors List
- **Qualified Firestop Contractor Programs**
- Qualified Spray-Applied Fire-Resistive Materials Contractor Program

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Building Materials

Contractor Programs > Fire Safety Engineering

- Appliances and HVAC/R
- Building Materials**
- Chemicals
- Energy
- Food and Water
- Health Sciences
- High Tech
- Life Safety and Security
- Lighting
- Power and Controls
- Wire and Cable

- Qualified Contractor Programs**
- Fire Safety Engineering
- Fire Sprinklers

Qualified firestop contractor programs

UL has two qualified firestop contractor programs:

- UL qualified firestop contractor program
- ULC qualified firestop contractor program

The two programs vary only slightly between U.S. and Canadian requirements.

The firestop industry is a subset of the construction industry that serves residential, institutional, commercial and industrial markets. The industry addresses the common need to limit the hazardous effects of fire. Firestopping involves providing a barrier to the walls and floors that includes joints, gaps and penetrations during construction. Firestop contractors must choose and install firestop systems carefully and effectively to establish a protective system for a joint, gap or penetration within a structure to comply with architectural, authorities having jurisdiction (AHJs) and customer requirements.

The difference between the two programs is related to the difference between U.S. and Canadian code requirements.

The UL qualified firestop contractor program is a program that serves residential, institutional, commercial and industrial markets. The industry addresses the common need to limit the hazardous effects of fire. Firestopping involves providing a barrier to the walls and floors that includes joints, gaps and penetrations during construction.

The UL qualified firestop contractor programs include two critical elements required of all participating contractor firms:

- Employs at least one designated responsible individual (DRI) with knowledge focused on selection and installation of firestop systems as demonstrated by successfully completing an exam and meeting additional program requirements. The DRI may have passed either the U.S. or Canadian exam version related to applicable U.S. and Canadian code requirements, respectively, as indicated in the UL or ULC qualified firestop contractor lists.
- Establishes and effectively implements and maintains a management system focused on selection and installation of firestop systems as demonstrated by audit at contractor's facility and job site.

If you are a contractor and would like to apply for the UL qualified firestop contractor program or the ULC qualified firestop contractor program, follow these steps:

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Qualified Contractor Programs

CHOOSE A SUBJECT OF INTEREST:

- [Qualified Contractors List](#)
- [Qualified Firestop Contractor Programs](#)
- [Qualified Spray-Applied Fire-Resistive Materials Contractor Program](#)

Qualified contractor programs

The qualified contractor programs provide architects, authorities having jurisdiction (AHJs), general contractors, manufacturers, building owners and others with a way to identify contractors that comply with the qualified contractor program requirements.

For many years, UL has been classifying firestops and spray-applied fire resistive materials (SFRMs) and listing them in UL Fire Resistance Directory. Now, through the UL qualified contractor program, UL provides the industry with a way to identify contractor firms involved in the installation of firestops and SFRMs that have been assessed by an independent third party. In Canada, UL's affiliate Underwriters Laboratories of Canada (ULC) also provides a wide range of certification services including certifying and listing firestops in the Canadian Fire Resistance Directory. Firestop contractors interested in coverage for Canada can do so through ULC's qualified firestop contractor program.

The programs include contractor firms that have demonstrated knowledge and a comprehensive management system specifically focused on the selection and installation of firestop systems or spray-applied fire-resistive materials (SFRMs). The contractor firm systems audited under this program provide an integrated approach (demonstrated knowledge and management system) to controlling the processes in addressing architectural, AHJ and customer requirements. Once program requirements are met, the contractor is issued a certificate effective for one year. The contractor may also use the qualified firestop contractor program marking or qualified SFRM contractor program marking. Contractors are re-audited annually by UL to assess continued compliance with the program.

If you are an architect, AHJ, general contractor, manufacturer or building owner, please visit our qualified contractors list to find qualified contractors.

If you are a contractor, these qualified contractor programs are available to you:

- [Qualified firestop contractor program](#)
- [Qualified spray-applied fire-resistive material \(sfrms\) contractor program](#)

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- [Qualified Spray-Applied Fire-Resistive Materials Contractor Program](#)

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[Qualified Firestop Contractor Programs](#)

Qualified firestop contractor programs

UL has two qualified firestop contractor programs for contractors that install firestop systems:

- UL qualified firestop contractor program
- ULC qualified firestop contractor program

The two programs vary only in knowledge requirements related to the difference between U.S. and Canadian codes and standards.

The firestop industry is a subset of the building industry that serves residential, institutional, commercial and industrial structures. The industry addresses the common need to limit the hazardous spread and damaging effects of fire. Firestopping involves providing a measure of fire containment to the walls and floors that includes joints, gaps or penetrations made during construction. Firestop contractors must choose and install firestop systems carefully and effectively to establish a protective system for a joint, gap or penetration within a structure to comply with architectural, authorities having jurisdiction (AHJs) and customer requirements.

The UL qualified firestop contractor programs include two critical elements required of all participating contractor firms:

- Employs at least one designated responsible individual (DRI) with knowledge focused on selection and installation of firestop systems as demonstrated by successfully completing an exam and meeting additional program requirements. The DRI may have passed either the U.S. or Canadian exam version related to applicable U.S. and Canadian code requirements, respectively, as indicated in the UL or ULC qualified firestop contractor lists.
- Establishes and effectively implements and maintains a management system focused on selection and installation of firestop systems as demonstrated by audit at contractor's facility and job site.

If you are a contractor and would like to apply for the UL qualified firestop contractor program or the ULC qualified firestop contractor program, follow these steps:

1. Review the [qualified firestop contractor program requirements](#), which includes both U.S. and Canadian requirements.
2. Review the [contractor management system checklist form](#) to understand the requirements and perform your own self-assessment of your management system.
3. We recommend that the person selected to be the DRI take the exam, U.S. or Canadian version, prior to scheduling the management system audit. To view dates and locations or [apply](#) to take an exam, visit our [UL University](#) Web site.
4. Before the exam, you may want to contact the [Firestop Contractors International Association](#) (FCIA) to apply for an educational seminar or obtain a copy of the FCIA Manual of Practice. A copy of the Best Practice Guide for Canada can be obtained from the National Research Council of

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Qualified Contractors List

CHOOSE A SUBJECT OF INTEREST:

- **Qualified Firestop Contractors**
- Qualified SFRM Contractors

UL qualified firestop contractors

Alert Insulation Company

15913 Old Valley Blvd
LaPuente CA 91744
Contact: Joe Rodriguez
DRI: Bruce Abbott
Phone: 626.961.9113
Fax: 626.333.0978
E-mail: joe@alertinsulation.net
Web Address: <http://www.alertinsulation.com/>
Initial certificate date: 12/17/2008

Carolina Insulation Contractors

1416 South Floyd Circle
Florence SC 29501
Contact: Don Ward
DRI: Don Ward
E-mail: dward@ci-firestop.com
Web: <http://www.ci-firestop.com/>
Phone: 800.626.8701
Initial certificate date: 10/16/2008

C. L. Downey Construction, Inc.

P.O. Box 13312
Durham, NC 27709
Contact: Chris Downey
DRI: Chris Downey
E-mail: cldfirestop@aol.com
Web: <http://www.cldfirestop.com/>
Phone: 919.544.0437
Fax: 919.361.3653
Initial Certificate Date: 4/16/2010

Fire Stop Technologies, Inc.

6280 Knox Industrial Dr.
St. Louis, MO 63139
Contact: Travis Miller
DRI: Jay McGuire
Email: travis@thornburgh-stl.com
Web: <http://www.firestopstl.com/>

Steps to Achieve



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Contractor Program**

1. *Requirements* - Review & understand the UL Qualified Firestop Contractor Program Requirements
2. *Checklist* - Review the Checklist & conduct a self-assessment of your management system.
3. *Exam* - DRI completes and successfully passes UL exam.
4. *Apply* - Complete and return an Application.
5. *Quote & Contracts* - We send you a quote and a contract.



Steps to Achieve Certification

6. *Discuss* - Discuss with UL Auditor any questions on requirements, checklist and your management system.
7. **Preparation** – Formulate a Management System Manual describing how the contractor organization has implemented the UL program requirements. – Cover all “shalls”
8. **DRI Audit & Management Review** – Completed and recorded prior to UL audit.
9. *Audit* – We schedule and conduct the audit of your facility and job sites.
10. *Qualification Achieved* – Your firm added to list of Qualified Contractors; you are authorized to use the UL Certificate & Marking



UL's Contractor Program requires:

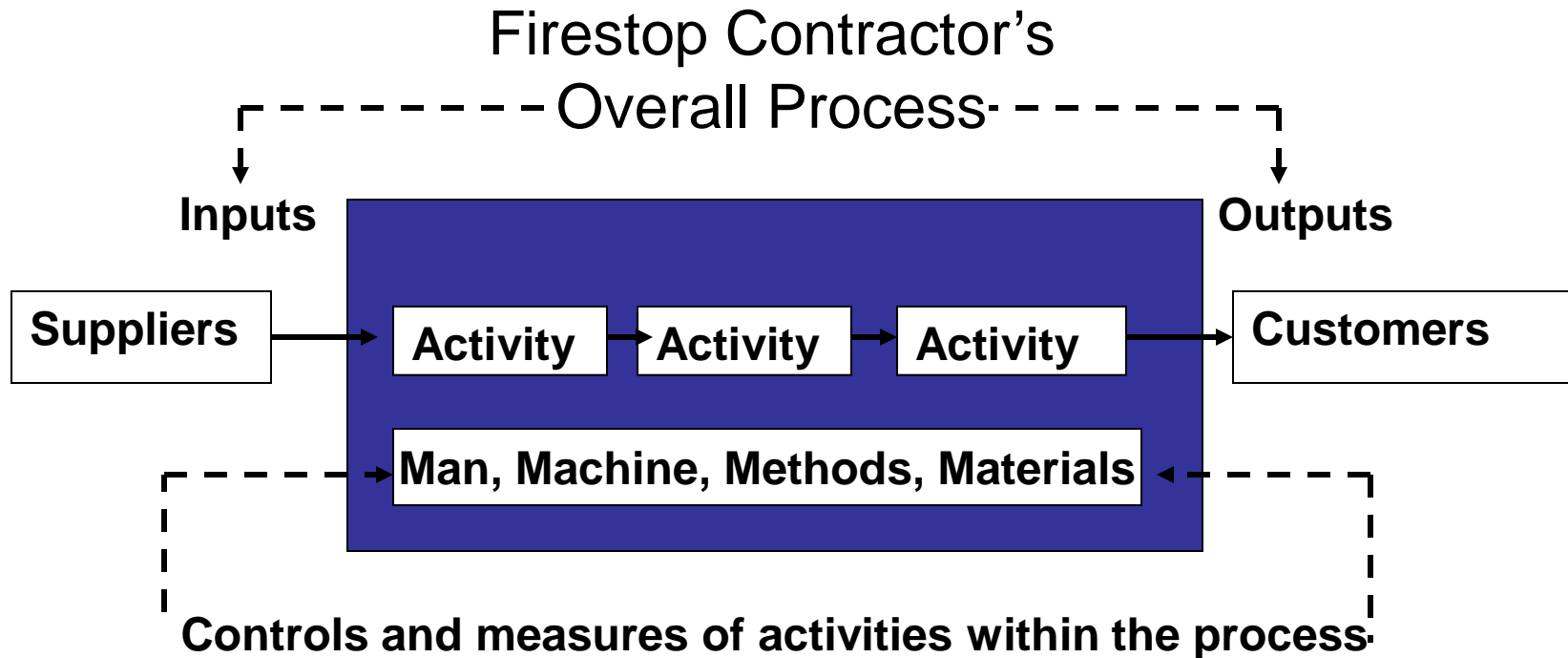
- Management System (MS) specifically focused on the proper selection and installation of firestop systems so that knowledge is applied throughout the Contractor firm as evidenced by audit of Contractor's MS
- Demonstrated knowledge of selection and installation of firestop systems as evidenced by written exam of a "Designated Responsible Individual" (DRI)

The Processes

The essential processes for:

1. Review of Construction Document Requirements & Specifications
2. **Procurement of Firestop Materials**
3. Storage, Handling, Preservation and Delivery of Materials
4. Installation, Application & Quality Assurance Procedures
5. Inspection, Testing and Calibration
6. Control of non-conforming Firestop materials or Systems
7. Training & Qualification of Workers
8. **Corrective/Preventative Actions**
9. **Management System Monitoring & Improvement**
10. Documentation & Record Keeping

Value of Management System



Pricing

Initial Qualification:

- \$6000 includes office and installation site audit of management system.

Annual Re-Qualification:

- \$3000 includes annual office and installation site management system audit.

Additional Site* or Audit day

- \$1,800

DRI Re-Qualification (every 3 years):

- \$150 by fulfilling CEUs

Moving Forward:

- 25 Firestop Contractors have submitted applications for their initial audit
 - 19 of those applications were submitted over one year ago
 - Status of applications will be reviewed by UL



Moving Forward:

- Contractors are encouraged to use the FCIA Quality Management Manual Template in taking the first step.
 - Rewrite it to tailor and fit your organization
 - Submit it to your UL Auditor for review
 - Make any necessary revisions
- Complete at least one DRI Internal Audit, one Management Review and one project should be compliant to your system.
- Schedule your audit (now).

Contact: Gary Knef

Office: 614-791-8552

Mobile: 614-477-7239

Garyknef@us.ul.com



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Questions?



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