

UL Qualified Firestop Contractor Program & Master Audit Certificate of Compliance (MACC)



March 13, 2019
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Program Manager
Field Engineering

UL's Founder William Henry Merrill

William Henry Merrill

1866-1923

- He was a skilled and highly trained Boston electrical inspector hired by the Chicago Underwriters Bureau to resolve problems with automatic fire alarms in the city of Chicago in 1893.



Underwriters Laboratories



To promote safe living and working environments through the application of safety science and hazard-based safety engineering.





Commercial & Retail

Building Materials & Suppression – A Rich Fire Protection History

- First UL Test Standard - Issued in 1903 for Tin Clad Fire Doors
- UL 72 Record Protection - 1918
- UL 263 Fire Test of Building Construction -1929
- UL 10B Fire Doors - 1942
- UL 723 Surface Burning Characteristics - 1950
- UL 790 Fire Tests of Roofing - 1958



GENERAL UL NUMBERS

22 BILLION

UL MARKS
APPEAR ON
PRODUCTS
ANNUALLY

700 MILLION

CONSUMERS
WERE REACHED
BY UL IN ASIA,
EUROPE
AND NORTH
AMERICA



MORE THAN 580K

FOLLOW-UP
INSPECTION
VISITS WERE
CONDUCTED
BY UL

1,485

CURRENT STANDARDS
FOR SAFETY PUBLISHED
BY UL

20,268

TYPES OF PRODUCTS
EVALUATED BY UL

69,795

MANUFACTURERS
PRODUCING UL
CERTIFIED PRODUCTS

90,304

PRODUCT EVALUATIONS
CONDUCTED BY UL



- I. Qualified Firestop Contactor Program.
- II. Master Audit Certificate Of Compliance (MACC)



Qualified Firestop Contractor Program



For more information, contact Ruben Sandoval at Ruben.Sandoval@ul.com or 480.290.6987.

UL Qualified Firestop Contractor Program

The UL Qualified Firestop Contractor Program is an independent, 3rd party credential.

1. Knowledge Requirement

- Pass the UL Firestop Exam- (DRI)
- Knowledge of the UL Fire Resistance Directory of UL Listed systems

2. Management System Requirement

- Establish and effectively implement and maintain a **management system** that meets the UL Program Requirements



Why become a UL QFCP?



Independent, 3rd Party Credential that differentiates contractor firm

It is a credential!

- Allows you to bid projects that specify a UL or ULC Qualified Firestop Contractor.
- Allows you to increase efficiencies in operations
- Increase the confidence for your customers and architects, specifiers, manufacturers and general contractors



What are the requirements?

1. Firestop Industry Knowledge
 - Employ at least one Designated Responsible Individual (DRI)
 - Knowledge is demonstrated & assessed through an Exam
 - Must score 80% or better on the UL Firestop Exam

2. Firestop Contractor Management System
 - Establish, effectively implement & maintain a management system that meets UL Qualified Firestop Contractor Program Requirements
 - Assessment of the management system is through
 - Initial and Annual Firestop Contractor Office Audit
 - Firestop project site visit audit site



Value of a management system.

Management system principles provide a framework for how companies operate and result in:

- Consistent and effective control of key processes and project management
- Promotion and standardization of good working practices
- Planned training & qualification of employees
- Enhanced communication, leadership, effective remote site management, accountability, contractual control, and control of suppliers



Development of your management system

Critical key steps

- Identify processes needed
- Determine process sequence and interaction
- Determine effectiveness of processes
- Provide resources to support process operation and monitoring
- Create a Management System Manual to document processes including responsibilities and authorities of key staff
- Maintain control of any outsourced processes that could affect the conformity of selection and installation of firestop systems with requirements.
- Monitor, measure, and analyze to continually improve the processes.



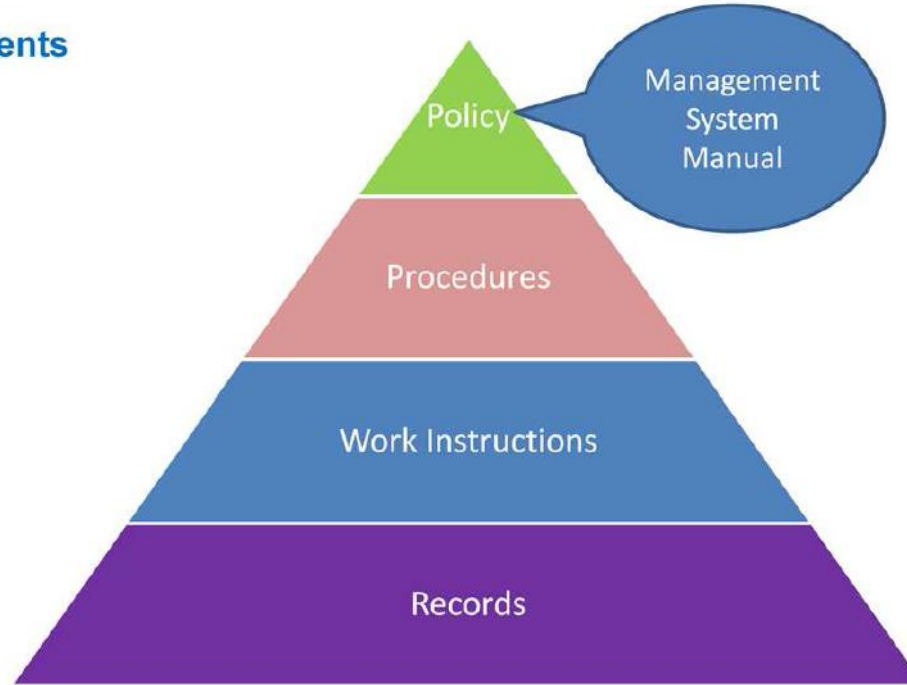
10 Elements of the management system

1. Construction Document Requirements & Review
2. Procurement of Firestop Materials
3. Storage, Handling, Preservation & Delivery of Firestop Materials
4. Installation & Quality Assurance Procedures
5. Inspection & Testing
6. Control of Non-Conforming Materials
7. Training & Qualifying Staff
8. Corrective & Preventive Actions
9. Management System Monitoring & Improvement
10. Documentation & Recording Keeping



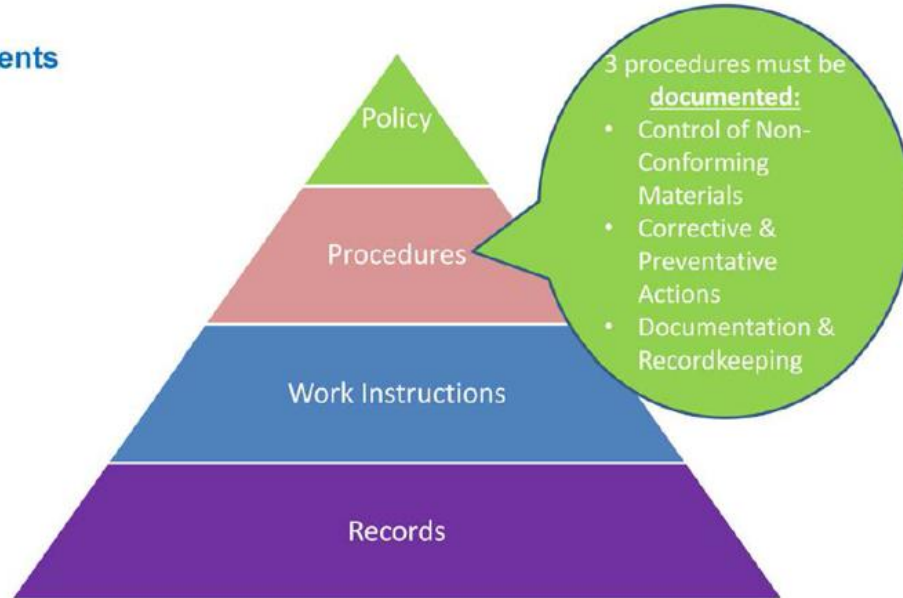
Documentation and record keeping

Documents



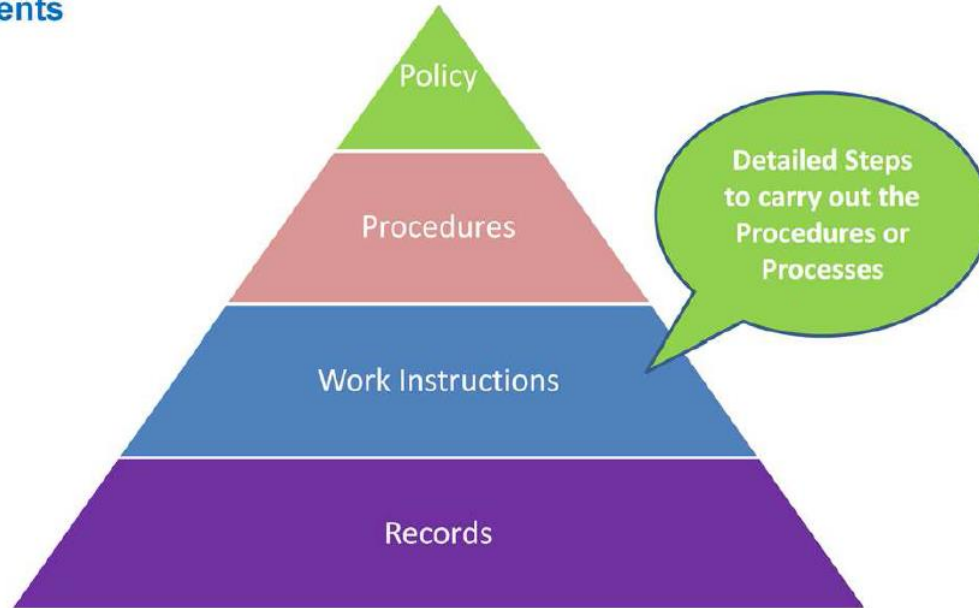
Documentation and record keeping

Documents



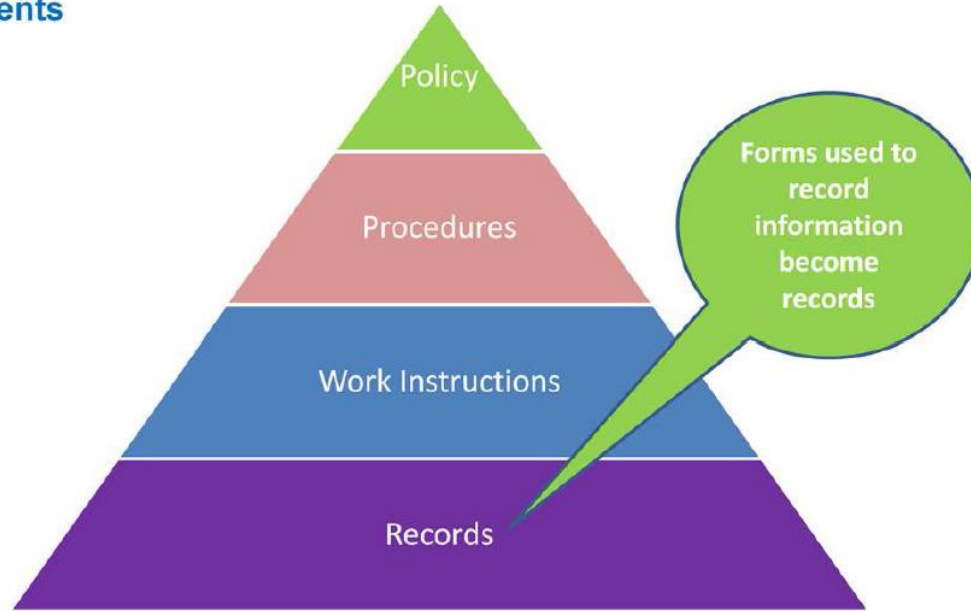
Documentation and record keeping

Documents



Documentation and record keeping

Documents



What to expect during you audit?

- Complete quality audit at your office
- Job site Audit



Certificate



Certificate Number:1000

QUALIFIED FIRESTOP CONTRACTOR CERTIFICATE

Company Name: Underwriters Laboratories Inc. File number: R12345 Issued: January 31, 2018
Address: 333 Pflugsten Rd. Expires: December 31, 2019
Telephone: 480.290.6987 Email Address: Ruben.Sandovaljr@UL.com

This company has demonstrated that it complies with UL's Qualified Firestop Contractor Program Requirements. This certificate is not transferable and expires on December 31st of the following Year. This certificate may be displayed, copied and shared with others but must be used in its entirety.

Only those companies listed in UL's online Directory for the Qualified Firestop Contractor Program at www.ul.com/contractor are considered eligible for this program and to use this Certificate and the UL Qualified Firestop Contractor Program Marking (shown here) in its advertising and promotional material in accordance with marking guidelines provided at www.ul.com/contractor.



Underwriters Laboratories reserves the right to void this certificate at any point. This certificate does not indicate compliance with any UL product certification program.

For additional information regarding the Qualified Firestop Contractor Program, please visit www.ul.com/contractor

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Certificate Number: 1000

QUALIFIED FIRESTOP CONTRACTOR CERTIFICATE

Company Name: Underwriters Laboratories Inc. File number: R12345 Issued: 1-01-2007
Address: 333 Pflugsten Rd. Expires: 12-31-2019
Telephone #: 480.290.6987 Fax #: 777.123.4567 Email Address: Ruben.Sandovaljr@UL.com

This company has demonstrated that it complies with UL's Qualified Firestop Contractor Program Requirements for Canada. Under this programme, the Contractor has demonstrated knowledge of selection and installation of firestop systems as evidenced by the successful performance in a written examination by a "Designated Responsible Individual" (DRD). The Contractor has also established a Management System specifically focused on the proper selection and installation of ULC Listed Firestop Systems.

This certificate is not transferable and expires on December 31st of the following year. This certificate may be displayed, copied and shared with others but must be used in its entirety. Only those companies listed in ULC's Online Certifications Directory for the Qualified Firestop Contractor Program at www.ulc.ca/contractor are considered eligible for this program and to use this Certificate and the ULC marking (shown here) in its advertising and promotional material in accordance with the marking guidelines provided with this Certificate.



Underwriters Laboratories of Canada® reserves the right to void this certificate at any point. This certificate does not indicate compliance with any ULC Product Certification Program. For additional information regarding the Qualified Firestop Contractor Program, please visit www.ulc.ca/contractor.

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Master Audit Certificate of Compliance (MACC)



For more information, contact Ruben Sandoval at Ruben.Sandoval@ul.com or 480.290.6987.

Master Audit Certificate of Compliance (MACC)

- A Jobsite Specific Certificate
- Project scope specific
- Renewable yearly (1 year expiration)
- Complies with the 2018 International Fire code for annual maintenance for building owners



Master Audit Certificate of Compliance (MACC)

- Should be requested at the completion of any new construction project.
- A copy should be provided to Local jurisdictional personnel and building owners after the completion of any new construction or annual assessment
- Annual assessments certificate copy should be given to Fire Marshal.
- Certificate should be given to building insurer



Master Audit Certificate of Compliance (MACC)

BENEFITS INCLUDE:

- A jobsite-specific management system audit and improved documentation
- A renewable jobsite/annual assessment-specific certificate
- Annual assessments per the 2018 International Fire Code



Questions



Empowering Trust™

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