FM Approvals Update

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FM Approvals
May 4, 2016
Today’s Presentation

- Why partner with FM Approvals?
- Accomplishments and Plans
- Growth of the program
- Miscellaneous questions I receive
Who is FM Global?

Property Insurance Company

- 180+ year old company
- Commercial & Industrial Properties
- Headquartered in USA
- Losses are preventable or can be mitigated
  - No actuaries!
  - Engineer the problem!
  - Want you in business the day after an event!
• 1,800+ Engineers
• Insure facilities globally
• 200+ countries
What can FM Approvals do for you?

- **Access to Markets.**
  - Products and services accepted by end users and local regulators.

- **A Competitive Advantage.**
  - A cut above the competition.
  - A marketing differentiation.
  - Opportunities

- **Access to FM Global Field Engineers**
  - Insure numerous Fortune 500 companies
  - Make recommendations to Risk Managers
How Does FM Approvals Promote the Program?

- Mostly internally to our own engineers
  - Presentations to MFL Specialists
  - Data Sheets
  - SimZone
FM Global SimZone
FM 4991 – Approval Standard for Approval of Firestop Contractors

FM Approvals, in conjunction with the Firestop Contractors International Association (FCIA), developed Approval Standard 4991, Approval of Firestop Contractors. The purpose of the Standard was to improve the performance and installation of firestop systems and their components by examining and qualifying contractors involved in the installation of such systems and components. The Standard assesses the ability of a company’s Designated Responsible Individual (DRI) on their general knowledge about firestopping and their ability to select appropriate firestop systems for specific circumstances. This is done by administering written examinations and assessing a company’s quality control procedures. FM 4991 was the first program of its type to be accepted nationwide by architects and engineers through programs like MasterSpec, SpecLink and other master specifications at leading architectural firms specifying projects worldwide.
Firestop Systems Installed by
Gleeson Powers
an FM Approved Contractor

FIRE BARRIER MANAGEMENT PROGRAMS:
Fire Barrier Management Programs are now offered by Firestop Manufacturers and FM 4991 Approved Firestop Contractors alike. These Programs can be used to document Firestop installations to assure proper Firestop System Designs are followed at each condition.
Accomplishments and Plans

We’ve recently accomplished the following and/or plan to attend these upcoming events:

1) Attend Middle East Symposium with the FCIA (Doha and Abu Dhabi, March 2016).

2) Plans to attend Middle East Symposium with the FCIA (Oct 2016)

3) Attend FCIA events in spring and fall (Las Vegas and SC)
## Growth of the program

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<td>2016 (April)</td>
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In-process – need audits/documentation - 3 locations
Major Changes

Added the concept and definition of LU

*Learning Unit (LU)* – is a standard unit to measure learning. LUs do not need to be recognized by the International Association for Continuing Education and Training (IACET). They shall be educational in nature. One (1) LU = one (1) hour of learning.
Major Changes

Refined the definition of CEU

*Continuing Education Unit (CEU)* – is a measure used in Continuing Education programs. For the purpose of this document, CEUs must be issued by providers who have successfully gone through the Authorized Provider Accreditation Process and are approved to issue CEUs by the International Association for Continuing Education and Training (IACET).
Common Questions I Get

Q  I just took the exams for becoming a DRI. When will I receive the results?
A  It normally takes around 2 weeks for them to be graded, recorded and results letters sent.

Q  I haven’t received my results yet. Should I contact the FCIA?
A  No, they are not involved in sending out the results nor do they get copies of the results. Strictly between FM Approvals and the person who took the exam.
Common Questions I Get

Q  What are the exams like?
A  General Information Test - is short questions of the T/F and multiple choice type.
    Design Selection Test – is a set of 5 problems, each with 5 questions, multiple choice answers.

Q  Are there any example problems I can study?
A  Yes. I have taken one of the actual exams out of circulation and it is available to study.
Common Questions I Get

Q  What do I need to bring to the exam?
A  A picture ID. The exam is closed book. You will be given copies of all designs referenced in the problems so you don’t have to remember specific listings.

Q  Can I take the exam anywhere besides the FCIA Conference?
A  Yes. Exams can be administered during the initial audits. You can also travel to my office in Norwood, MA. Call ahead first!
Common Questions I Get

Q  Do I receive any credits for attending FCIA Conferences?
A  Yes. You will receive 12 LUs for attending a Conference.

Q  How does the re-exam work?
A  About 6 months before your date to renew, you will receive an email reminder telling you your deadline, options and how to submit CEUs/LUs.
Common Questions I Get

Q  Where can I take the DRI re-exam?
A  At FM in Norwood, MA
At FCIA meetings like this one
During your annual audit if you contact us ahead of time.
Common Questions I Get

Q Which exam do I take?
- ≥72 LUs  The written re-exam is waived
- <48 LUs  Need to re-take the original exams
- ≥48 LUs but <72 LUs  Written re-exam

Q How do I know how many LUs I have?
A Submit them to me for a preliminary review.
Jeffrey.Gould@FMAapprovals.com
Common Questions I Get

Q  If I am a DRI, and I leave an FM 4991 Approved company, am I automatically a DRI at my new company?

A  No. The data generated during the Approval process is considered proprietary to the company that sponsored the original Approval. The DRI status can be transferred to the new company by obtaining by having the original company send a written release to FM Approvals. Without a written release, the only option is to retake the original written exams.
Miscellaneous Questions

Q  Can I take the exam more than once?
A  Yes but you must wait 30 days.

Q  Where can I find the official list of FM Approved Firestop Contractors?
A  On the FCIA website. Wrong!
Where's My Listing?
www.ApprovalGuide.com

Getting Started

Welcome to the Approval Guide, your source for the most up-to-date information about FM Approved products and services. The Approval Guide provides many ways to perform your searches:

- Hierarchical searching in the content tree for each division of the Guide
- Parametric searching within folders of the content tree
- Keyword searching within Company and Product names
- Text based keyword searches
- Searching by country
- Searching by certification type

For new users of the Approval Guide, we recommend you read our Quick Start Guide which is available here. This guide provides a quick overview of each of the search methods listed above. Once you have read the guide, or if you'd rather get started right now, just click on one of the pictures below to enter that division of the Guide and begin your search.

If you have any questions or are having difficulty performing successful searches, please click on the Help link at the top of this page. Here you will find additional...
Firestop Contractors (FM Approval Class Number 4991)
A firestopping system is designed to protect openings in walls, floors and construction joints at floor and wall slab edge conditions against the spread of fire within buildings or adjacent compartments. Such systems are tested in laboratory conditions in accordance with applicable test standards recognized by various authorities having jurisdiction.

In order to achieve the intended results under actual or field conditions, it is necessary that a contractor not only use the products specified in published listings, but also that the products be installed in accordance with manufacturer’s written installation instructions and accepted industry practices. Failure to install any single component in the specified manner may jeopardize the integrity of the entire system.

As a means of increasing the reliability and performance of firestopping systems, an Approval Standard for assessing firestop contractors was developed. The Approval Standard for Firestop Contractors establishes criteria to ensure that an FM Approved Contractor employ at least one Designated Responsible Individual who understands the requirements and restrictions of the various listing agency publications, the Firestop Contractors International Association’s Manual of Practice and has a demonstrated knowledge of firestopping components, systems and assemblies, their proper selection, installation and the ability to identify and implement corrective action when non-conformances occur.

Eligibility requirements include a verification that the contractor has been in business for at least two (2) years, proof of workers compensation insurance and general liability insurance as legally mandated, a demonstrated knowledge by the contractor’s Designated Responsible Individual as evidenced by attaining a minimum score of 80% on a written examination administered by FM Approvals, a demonstrated quality control program, record keeping of all installations and documented technical training acceptable to FM Approvals. Continued Approval is based on having the Designated Responsible Individual obtain follow-up CEU’s, continued satisfactory performance of firestopping systems installed under this program and annual in-house and job-site quality control audits.

Companies that have met all requirements as a Firestop Contractor are shown below:

AAC Contracting Inc
175 Humbolt St, Rochester, New York 14610, USA

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<tr>
<th>Product</th>
<th>Listing Country</th>
<th>Certification Type</th>
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<tbody>
<tr>
<td>Fire Stop Contractor</td>
<td>United States of America</td>
<td>FM Approved</td>
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AI Shadid Technical Contracting
Buteena, Bldg No. 7, 4th Floor, Flat No. 9, P.O. Box 70438, Sharjah, United Arab Emirates

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Thank You!
Questions?