



IFC Education

Seminar title:

Firestop special inspections per IBC 2012
Chapter 17:

How to plan and execute the inspection,
and understand what you're inspecting

Course length: 8 hours

Target audience: present and future firestop special inspectors

Description:

The special inspection of Firestop systems was added to the 2012 IBC. This seminar is aimed at individuals who will be conducting those inspections. The seminar will provide an understanding of the various listed penetration and joint systems to be inspected, explain when the special inspection requirements apply, and how to comply with the code-required ASTM methodology for sampling and visual and destructive testing,

Course objectives:

- Understand IBC special inspections for firestopping
- Understand how the products are tested and listed
- Recognize tested and listed system vs. engineering judgments
- Understand role of the IFC Firestop Inspectors Test/Certificate and of 3rd party accreditations
- Be able to implement the procedural requirements of ASTM E2174 and E2393
- Learn the proper methodology to conduct a proper destructive test
- Learn what is required during a visual inspection

Syllabus

- Welcome and Introductions- 5 min
- Understanding the Importance of Balanced Fire Protection and the IBC Requirements – 30 min
- Overall Code Requirements regarding firestop- 45 min
- Testing Standards for firestop products- 45 min
- Tested and Listed Systems: How to properly read and understand a system- 45 min
- Reviewing an Engineering Judgment- 30 min
- IFC Firestop Inspectors advanced education & Test/Certificate- 20 min
- Hands-on Product Training (Multiple Manufactures) – 3 hrs.
 - The difference in materials
 - Field applied systems vs. Manufactured devices

- Firestop Inspection to ASTM standards: 60 min
 - What is required in ASTM E2174/2393
 - Sampling rate and sample selection
 - Visual vs. Destructive Testing
 - Documentation requirements
- Hands-on Inspection Training – Destructive Test Procedures
 - Through and Membrane Penetrations Firestop Systems
 - Fire Rated Joint System
 - Perimeter Fire Containment Systems
- 3rd party accreditation options for firestop inspectors – 20 mins
- Review and wrap-up

Course pre-requisites:

It is assumed that a person taking this class already has a good basic understanding of firestopping. It is not possible for an 8-hr class to teach a special inspector all that he/she would need to know and understand to plan and execute a competent special inspection of firestopping.

To ensure that sufficient fundamental knowledge has been acquired prior to participating in this seminar, it is recommended that the participant have gone through one of the following instructional opportunities:

- Free online training program for firestop special inspectors, approximately 40-60 hrs. self-paced. Go to www.firestop.org/inspection
- IFC 8-hr inspector seminar for AHJs

Note that to ensure that this Special Inspection seminar builds on a solid foundation of understanding, it will include a review of some of the material in those other courses.

Scheduled seminars:

Austin, TX, March 21, 2016

Registration before Feb. 15: \$349

Registration after Feb. 15: \$449

Somerville, NJ, Feb. 8, 2016

Registration before January 18: \$339

Registration after January 18: \$439

San Diego, Sept. 21, 2015

Registration before August 15: \$349

Registration after August 15: \$449

To inquire about the cost and possibility of having this class taught at your facility, contact:

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