



# INTERNATIONAL FIRESTOP COUNCIL

THE Source of Firestop Expertise®

## IFC Special Inspector Education

**Seminar title:** Understanding IBC Firestop Special Inspection, and Hands-on Multi-Manufacturer Firestop Product Training



ICC Preferred Education Provider Course No, 16578, 0.7 CEUs

**Course length:** 8 hours

**Course type:** In-person

**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. The seminar also includes hands-on product familiarization with the products of four or more firestop manufacturers.

This seminar provides fulfilment of the following specific program requirements:

- a) Product training necessary to upgrade an IFC special inspector certificate to a "Premier Certificate" ([www.firestop.org/product-training](http://www.firestop.org/product-training))
- b) 1-day hands on class required by Intertek as part of the Intertek Qualified Personnel (IQP) program for firestop special inspectors ([www.intertek.com/IQP/firestop-inspector](http://www.intertek.com/IQP/firestop-inspector))
- c) OSHPD Hands-on inspector training required for approval of firestop inspectors for remodel/renovation projects

**NOTE:** Seminar participants will be provided with evidence of course completion. However, this seminar does not result in the issuance of an IFC Special Inspector Exam Certificate. The IFC certificate program is an online program. Go to [www.firestop.org/overview](http://www.firestop.org/overview) for details.

### Course objectives:

- Understand what firestopping is, why it is required, and how it is tested
- Understand IBC Chapter 17, special inspections for firestopping
- Recognize tested and listed system vs. engineering judgments
- 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
- Become familiar with the firestop product types and installation details of four or more manufacturers via hands-on experience

### Syllabus

- Introduction to Firestopping
- Understanding Code Requirements for Firestopping
- Testing Standards for Firestop Products
- Understanding Tested and Listed Systems
- Engineering Judgments- When and Where?
- Firestop Inspection – Standards and Reviews
- Penetration inspections
  - Inspection techniques
  - Hands-on review of penetration firestop products
  - Compliant/Non-Compliant Installations
- Joint and Void inspections
  - Inspection techniques
  - Elements of perimeter fire barrier systems
  - Hands-on review of joint firestop products
  - Compliant/Non-Compliant Installations
- IFC online Firestop Inspection certificate program
- Intertek Qualified Personnel (IQP) Program – Firestop Inspectors
- Product familiarization, more than four manufacturers products
- 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.

If a participant wishes to acquire a baseline knowledge of firestopping prior to participating in this seminar, the following instructional opportunities are suggested:

- Free online training program for firestop special inspectors, approximately 40-60 hrs. self-paced. Go to [www.firestop.org/inspection](http://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:** Go to [www.firestop.org/seminars](http://www.firestop.org/seminars)

⇒ To inquire about the cost and possibility of having this seminar taught at your facility, contact: Anna Lopez, IFC Executive Director