

Seminar Title: Rough and Final Inspections of Fire Sprinkler Systems

Seminar Description: This one-day seminar provides attendees with vital information on how to conduct the field inspections for new fire sprinkler and standpipe systems.

Fire sprinklers and standpipes are installed in stages and inspections are required before commencing to the next stage. The codes require periodic on-site inspections as the work progresses, to be installed according to the approved construction documents. This work is required to be inspected and approved before being covered or before the system is commissioned. This course points out the visual and physical inspection requirements of the latest codes and standards.

Special Notes: Bring latest edition of NFPA 13, NFPA 14 and IBC or IFC to presentation. Bring materials for writing and taking notes.

Intended Audience: AHJ's, plan reviewers, for new fire sprinkler systems

Duration: 1 Day - 7 hours

Total Instructional Contact Minutes: 390 min. (.7 CEU)

Professional Approvals: AIA - Provider #: G131, Course #: NFSA08, 7 LU/HSW

Learning Objectives:

At the conclusion of this seminar the participant will be able to:

1. Compare the actual fire sprinkler installation with approved construction documents and current codes and standards.
2. Recognize the duties of the inspector through on-site evaluations of the installed systems.
3. Employ contemporary techniques of field inspections.
4. Understand the stages of fire sprinkler installation and the need to correlate and interact with contractors and the authorities having jurisdiction.

Seminar Format(s): Lecture, discussion and in-class activity

Participant Materials: Checklist

Instructors Resources: Slides notes

Assessment Method(s): Review and discussion of in-class exercises

Key Words: 4 for search purposes:

Seminar Schedule

Module 1 – Inspector, Codes and Standards Module	8:00 – 9:30
Break	9:30 - 9:40
Module 2 - Rough Inspection Module	9:40 – 10:40
Break	10:40 – 10:45
Module 2 - Continued	10:45 – 11:45
Lunch	11:45 – 12:45
Module 4 – Final Inspection Standpipe Module	12:45 – 1:15
Module 5 - Final Inspection Fire Sprinkler Module	1:15 – 2:30
Break	2:30 – 2:45
Module 5 - Continued	2:45 - 4:00

Module Information

Title: Module 1 - The Inspector, Codes and Standards

Duration (min.): 90

Learning Outcomes:

At the conclusion of this module the participant will be able to:

1. Identify the structure of NFPA 13 and select chapters of the IBC/IFC.
2. Recognize the attributes of a professional field inspector.
3. Express code violations in writing in a clear and concise manner.

Title: Module 2 – Rough Inspection

Duration (min.): 90

Learning Outcomes:

At the conclusion of this module the participant will be able to

1. Recognize the requirements for fire sprinklers at the rough-in stage of construction.
2. Assess sprinkler piping and system for code compliance prior to being concealed.
3. Express code violations in writing in a clear and concise manner.

Title: Module 3 – Final Inspection of Standpipes

Duration (min.): 30

Learning Outcomes:

At the conclusion of this module the participant will be able to:

1. Recognize the requirements for standpipes at the final stage of construction.
2. Assess standpipe piping and system for code compliance prior to being put into service.

Title: Module 4 – Final Inspections of Fire Sprinkler Systems

Duration (min.): 140

Learning Outcomes:

At the end of this module the participant will be able to:

1. Recognize the requirements for fire sprinklers at the final stage of construction prior to occupancy.
2. Assess sprinkler piping and system for code compliance prior to being concealed or occupied.
3. Express code violations in writing in a clear and concise manner.