

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.

Attendees must bring a copy of NFPA 13, NFPA 14 and IBC or IFC to class.

Total Instructional Time: 8 contact hours

Learning Outcomes: At the conclusion of the seminar, participants will be able to:

1. Discuss the relationship various codes and standards have with the plan reviewer, field inspector and commissioner of the system.
2. Compare the actual installation with the approved construction drawings for compliance with appropriate codes and standards.
3. Explain the duties of the inspector during onsite inspections of the installed systems
4. Employ contemporary techniques of field inspections.
5. Understand the various stages involved in the installation of systems and the need to correlate and interact with contractors, other inspectors and the authorities having jurisdiction.

Seminar Format: Lecture, discussion, group and individual activities

Participant materials: NFSA participant guide, inspector's checklists

Assessment Method: In-class participation, including practice exercises and calculations