

Seminar Title: Fire Sprinkler System Plan Review (1-day)

Seminar Description: Examining fire sprinkler shop drawings, cut sheets and hydraulic calculations is a primary duty of the authority having jurisdiction. This course will provide a method of reviewing plans and other fire sprinkler documents that is efficient and thorough. Attendees will learn what documents to accept to start a review, what steps to take through the fire sprinkler design and systems review, and how to have confidence while reviewing hydraulic calculations. This course applies current codes and standards to fire sprinkler systems from the initial site plan review, through the construction documents, to the as-built drawings. Significant time on how to effectively communicate deficiencies to the design professional. Students will receive a handout that provides detailed checklists with expert commentary that is useful to the fire sprinkler plan reviewer for years to come.

Attendees must bring a copy of NFPA 13 to class.

Total Instructional Time: 8 Contact Hours

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

1. Apply the requirements for plans examination according to NFPA 13, building and fire codes.
2. Discuss the importance of a systematic review process.
3. Identify the documents required for a complete plan review process
4. Evaluate the hydraulic calculations presented with a set of working plans submitted for review and approval

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

Participant Materials: Slides, commentary, checklist

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