

Seminar Title: Fire Sprinkler System Plan Review (2-day)

Seminar Description: This two-day seminar provides attendees with vital information on how to conduct the plan review process for water-based fire protection systems.

Utilizing the requirements of NFPA 13 the participants will be guided through an actual review of sprinkler system plans and calculations. They will discuss the importance of employing a systematic review process and identify the documents required for a complete plan review. Finally, participants will review and discuss a submittal of the hydraulic calculations presented with the plans. Discussion points include the process of hydraulic calculations, and identification of the key pieces of information, and the common errors that are made.

Attendees must bring a copy of NFPA 13 to class.

Total Instructional Time: 16 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