

Seminar Information Sheet

Seminar Title: Sprinkler System Plan Review

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 participant 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 they will review a submittal of hydraulic calculation presented with the plans and discuss the process of hydraulic calculations and identify the key pieces of information presented and the common errors that are made.

STUDENT IS ASKED TO BRING A CURRENT COPY OF NFPA 13

Duration: 2 Days

Total Instructional Contact Minutes: 780 min. (1.3 CEUs, 13 CPDs)

Learning Objectives:

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

1. Apply the requirements for Plan Review in NFPA 13
2. Discuss the importance of a systematic review process.
3. Identify the documents required for a complete plan review process
4. Correlate the requirements for plan review with the requirements in other chapters of NFPA 13.
5. 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: Sprinkler Plan Review Documents and Checklists

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

Seminar Schedule

Day 1 – 8:00 – 4:00

Introduction

Chapter 23 and the Check List & General Plan Requirements

Occupancy Classification

Concealed Spaces

Component Requirements

Water Supply Requirements

Day 2 8:00 – 4:00

Hydraulic Calculations Procedures

Review of Hydraulic Calculations

Acceptance Testing