

Seminar Title: Design Advantage – Fire Sprinkler Systems and the International Building Code

Seminar Description: This program reviews the 2015 – 2018 International Building Code (IBC) for fire sprinkler requirements and details areas, such as water supply, open corridor protection, Chapter 9, tradeoffs, and other current IBC information on fire sprinkler systems. The program identifies and explains the various types of sprinkler systems and where they are required and used throughout the IBC. Several discussions will arise over the design options which will permit design flexibility in all building types and uses. The seminar will cover relevant sections of the IBC and fire sprinkler installation standards (such as NFPA 13, 13R and 13D) that all code officials, contractors, layout technicians and engineers should know.

Participants will learn how to use the NFSA Fire Sprinkler Guide to quickly identify code requirements and the 125+ trade-ups that fire sprinklers provide.

Total Instructional Time: 7 Contact Hours / AIA 7 LU | HSWs

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

1. Analyze the basic building code and fire sprinkler installation requirements and correlation issues.
2. Describe methods on how to provide increased fire protection without increasing construction costs.
3. Identify code requirements and design advantages in current model codes and the Fire Sprinkler Guide.
4. Recognize the various types of sprinkler systems where they are installed or required.

Seminar Format(s): Lecture, Discussion, Video

Participant Materials: All attendees will receive a copy of the latest Fire Sprinkler Guide, which includes detailed fire sprinkler trade-ups.

Assessment Method: Lecture, presentation, examples, discussion, questions, and case studies