

HalfMoon Education Live Continuing Education Webinars

Fire Sprinkler System Design and Installation

Online - Wednesday, June 28, 2023 | 9:00 am - 4:30 pm CDT

Credits:

Professional Engineers: 6.5 PDHs

Architects: 6.5 HSW CE Hours AIA: 6.5 LU|HSW

International Code Council: .65 CEUs (Fire)

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AIA
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Provider

History of Fire Sprinkler Systems and Standards

- History and development of fire sprinkler systems
- Purpose of modern fire sprinkler systems
- Building code requirements (IFC, CFC, NFPA, local ordinances, FM)
- Design and installation standards: (NFPA 13 VS. NFPA 13R VS. NFPA 13D)

Complying with NFPA 13

- Definitions and new technology
- General requirements
 - Level of protection
 - Hazard classifications
 - Water supply, additives, gas, non-sprinkler system components

Underground Piping

- Pipes and fittings
- Connections and service mains
- Installation considerations

System Components and Hardware

- Sprinklers (manufacturers, makes, models, applications)
- Above-ground piping and tube
- Fittings, joints and valves
- Additional elements

System Types and Requirements

- Wet pipe systems
- Dry pipe systems
- Preaction, deluge and combined systems
- Other types of systems (wet/dry chem, mist, foam)
- Interconnecting with fire alarm devices/systems
- Special situations

Location Requirements

- Basic requirements
- Special requirements

Additional Installation Requirements

- Installation of different types of sprinklers and specialty sprinklers
- Installation of piping, valves, and appurtenances
- Installation for support, seismic protection, and storage

Presented by Roland Asp, CET

Mr. Asp is the Codes and Standards Manager for the National Fire Sprinkler Association (NFSA). He is a NICET Level III Fire Protection Engineering Technician. In addition to his SME responsibilities above, Mr. Asp serves on numerous technical committees for NFPA such as:

- NFPA 13 Installation Criteria (AUT-SSI)
- NFPA 13R/13D Residential Committee (AUT-RSS)
- NFPA 101 Residential Occupancies (SAF-RES)

He is the editor of *TechNotes*, secretary of NFSA's E&S Committee and the chair of the AWWA Fire Protection Committee. Mr. Asp has been involved in the layout and installation of thousands of fire sprinkler systems ranging from single-family homes to large commercial projects and is experienced in the varied steps needed to successfully bring a fire sprinkler system from the design phase to completion. He and his family are from New York and currently live in the Baltimore, Maryland, area.

Tuition

- \$319** for individual registration
- \$289** for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

Can't Attend? Order the Webinar as an On-Demand Package!

Recordings of this webinar are available for purchase. See details online for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 HSW continuing education hours for licensed architects in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP0000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 6.5 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Fire (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format may not be eligible for the same credits as the live presentation; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request: 6.5 HSW LUs (AIA)

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