

# Agenda

***Presented by Jake Zlomie, CBO, CFM, CFPS, IAAI-FIT***

## **Complying with Building Codes and Fire Protection Requirements**

Background and development of building codes:

- International Building Code (IBC)
- International Residential Code (IRC),
- International Existing Building Code (IEBC)

Development of NFPA and life safety codes

## **Installing Fire Detection Systems and Notification Systems**

Fire detection systems

Fire alarm and notification systems

## **Installing Fire Suppression Systems**

Wet fire sprinkler systems

Dry pipe systems

## **Fire Suppression Systems for Special Applications**

Special hazard fire protection systems

Dry chemical fire suppression systems

Gaseous fire suppression systems

Foam fire suppression systems

## **Egress, Emergency Power, Lighting and Signage**

Occupancy and egress requirements

Exit paths accessible exits and exit discharge

Emergency power and lighting

Emergency signage

## **Special Fire Protection Requirements**

Smoke control systems

Special hazard systems

Fire resistance

Fire proofing and fire stopping

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# Designing for Fire Protection

Live, Interactive Webinar - Thursday, August 25, 2022

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## Learning Objectives

### ***You'll be able to:***

***Review*** the development and application of building codes as well as NFPA and life safety codes.

***Examine*** fire detection, alarm, and notification systems.

***Discuss*** wet fire sprinkler and dry pipe fire suppression systems.

***Explore*** dry chemical, gaseous, and foam fire suppression systems.

***Understand*** emergency power, lighting, and signage requirements.



## HalfMoon Education Live Webinars

# Designing for Fire Protection

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***Understand*** building codes and fire protection requirements

***Install*** fire detection and suppression systems

***Explore*** fire suppression systems for special applications

***Discuss*** occupancy and egress requirements

***Examine*** occupancy and egress requirements

***Comply*** with requirements for fire resistance and smoke control

## Continuing Education Credits

### ***Professional Engineers***

6.0 PDHs

### ***International Code Council***

.6 CEUs (Fire)

### ***Architects***

6.0 HSW CE Hours

6.0 AIA LU | HSW

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