

Agenda

Presented by Kendall Nightlinger

Fire Protection and Life Safety Design

Applicable codes, difference between a fire prevention code and construction codes
Fire Code Chapter 1, 9, 32, 50
Ohio Building Codes Chapter 1, 3, 307, 9, 414, 415
National Fire Protection Association (NFPA standards) OFC 102.8
Local ordinances
Scope and purpose of codes and ordinances OFC 101.2, 101.3
Understanding shared jurisdiction/authority: Special occupancies OFC 104.7.2 and OBC 414.1.3 – Report overview

Occupancy Classifications

OBC Chapter 3: General requirements and MAQ's
OBC Chapter 3: Is it H or F
H Occupancies: OFC Chapter 50 and OBC Chapter 3 and 4
Change of use and/or change of occupancy: OFC 102.3
Occupancy/hazard classifications tables 5003.1.1 (1) and (2)
How the hazardous materials opinion and report assist the designer and code official as well as the building owner/operator, OFC 104.7.2 and OBC 414.1.3
Life safety issues/hazards
Design solutions and scenarios
Control areas definitions/technical requirements, limitations
Evaluation and documentation: OFC E-103

High Pile Storage and H Occupancies OFC Chapter 32

When is it applicable? OFC 3206.3
What fire protection regulations are applicable? OFC 3206.2
How to use the OFC table, OFC 3206.2
Differences between NFPA 13 and OFC 32 on high pile storage
Technical requirements/submittals: OFC 3201.3

Fire Protection Features and Equipment OFC Chapter 9 OBC Chapter 9

Submittals
Walls, ratings, signage: OFC 5003.5
Fire detection and communication systems: Chapter 9 OFC and OBC
Sprinkler systems: OFC 903
Emergency alarm systems as one type of Fire Protection: OFC 908

Occupancy Exercises

Case studies
New construction: OFC, OBC
Changing occupancy of existing buildings: OFC, OBC

Complying with Fire Protection and Building Codes in Ohio

Live, Interactive Webinar - Friday, March 19, 2021

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Learning Objectives

You'll be able to:

Identify applicable fire protection and building codes in Ohio.

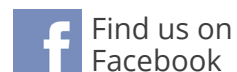
Explain the difference between fire prevention and construction codes.

Discuss Ohio Building Code and Ohio Fire Code provisions on occupancy and hazard classifications.

Comply with code provisions on fire resistance, fire detection and sprinkler systems.

Meet requirements for high pile storage and H occupancies.

Complete occupancy exercises that illustrate compliance for new buildings and changes of occupancy.



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HalfMoon Education Online Learning Complying with Fire Protection and Building Codes in Ohio

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Examine applicable codes and distinguish between fire prevention and construction codes

Study occupancy and hazard classifications

Study high pile storage and H Occupancies under OFC Chapter 32

Learn about fire protection features and equipment

Explore occupancy case studies

Continuing Education Credits

Professional Engineers
6.5 PDHs

Ohio BBS
Pending

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6.5 HSW CE Hours

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Faculty

Kendall Nightlinger *Senior Code Specialist at Ino-Tek*
Kendall Nightlinger is a nationally-recognized expert in the application of building and fire codes to the safe design and operation of commercial and industrial facilities. He possesses over 40 years of mechanical trade experience and has been a fire protection, mechanical plans examiner/inspector since 1992. Mr. Nightlinger has been a code instructor since 1994 and is designated as a lifetime state of Michigan code instructor (#1952). He participates in the International Code Council Action Committees (FCAC, BCAC) and work groups regarding hazardous material, fire protection and life safety issues. Mr. Nightlinger speaks regularly to architects and engineers about code compliance and life safety design issues. He also speaks before building, mechanical and fire inspector associations promoting a higher level of understanding about the challenges of safety around hazardous materials. Mr. Nightlinger’s passion for his trade and professionalism engages his audience, empowering many of them as ambassadors for code compliance. He joined Ino-Tek in 2018 as a senior code specialist and consultant for hazardous materials.

Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 11:45 am - 12:45 pm EDT
Morning Session 8:30 - 11:45 am EDT	Afternoon Session 12:45 - 4:30 pm EDT

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- Wed., Feb. 17, 2021 | 11:00 am - 2:30 pm CST

Construction Cost Estimating
- Fri., Feb. 19, 2021 | 7:30 am - 3:30 pm CST

International Existing Building Code
- Mon., Feb. 22, 2021 | 8:30 am - 5:00 pm CST

Passive House: Planning and Design
- Tues., Feb. 23, 2021 | 8:30 am - 4:30 pm CST

Deep Foundations and Excavations
- Tues., Feb. 23, 2021 | 9:00 am - 5:00 pm CST

Stormwater Basins and Underground Systems
- Tues., Feb. 23, 2021 | 9:00 am - 4:30 pm CST

International Residential Code 2021
- Wed., Feb. 24, 2021 | 10:00 am - 2:30 pm CST
- Thurs., Feb. 25, 2021 | 10:00 am - 12:00 pm CST

Shallow Foundation Design, Construction and Repair
- Wed., Feb. 24, 2021 | 11:00 am - 2:15 pm CST
- Thurs., Feb. 25, 2021 | 11:00 am - 2:15 pm CST

Construction Scheduling and Cost Control
- Thurs., Feb. 25, 2021 | 9:30 am - 2:00 pm CST
- Fri., Feb. 26, 2021 | 9:30 am - 2:00 pm CST

Current Issues in the Practice of Geoscience
- Fri., Feb. 26, 2021 | 8:30 am - 3:50 pm CST

International Building Code 2021
- Fri., Feb. 26, 2021 | 9:00 am - 5:00 pm CST

Deep Excavations
- Thurs., Mar. 4, 2021 | 8:30 am - 4:30 pm CST

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Continuing Education Credit Information
This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects licensed in Ohio.

HalfMoon Education has applied for course approval from the Ohio Board of Building Standards, which is pending.

The American Institute of Architects Continuing Education System has approved HalfMoon Education as a continuing education sponsor (Sponsor J885). Course approval is pending.

The International Code Council has approved HalfMoon Education as a Preferred Provider of continuing education (No. 1232). Course approval is pending. Visit www.halfmoonseminars.org for credit updates under this course listing.

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

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Complying with Fire Protection and Building Codes in Ohio
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