

Agenda

Presented by Jerry Tepe

Overview of Special Inspections

General program guidelines
Special inspector qualifications
Testing and inspection agency accreditation
Forms, schedules and agreements
Pre-construction meeting
Report distribution

Steel Inspections

Shop fabrication
Welds
Bolted connections
Pre-engineered metal buildings

Concrete and Masonry Construction Inspections

Concrete reinforcement, placement, testing and inspection
Curing concrete, hot- and cold-weather concrete
Prestressed and precast concrete
Masonry inspection frequency and material test methods
Mortar, grout, unit placement and reinforcement

Wood, Cold-Formed Steel

AWC and AISI publication references in Code
Wood and CFS material standards, fasteners and connections
Lateral framing inspection practices

Soil and Foundation Inspections

Existing soil conditions
Site preparation
Shallow foundations
Deep foundations

Wind and Seismic Design

Seismic resistance/isolation systems

Non-Structural Inspections

Exterior insulation and finish systems (EIFS)
Fire resistant materials and sprayed fire-resistive material
Fire resistant penetrations and joints
Smoke control systems

Material Standards and Load Tests

Design strength of materials and alternative test procedures
In-situ load tests
Pre-construction load tests

Ethics, Non-Conformances and Final Reports

Inspector authority, conflicts and "soft skills"
Discrepancy documentation, tracking and resolution
Final report, required documentation and distribution

**Special Inspections under
International Building Code Chapter 17**
Somerset, NJ - Tuesday, August 21, 2018

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Learning Objectives

You'll be able to:

Identify the qualifications needed to be a special inspector.

Explore requirements for steel fabrication, bolting and welding.

Discuss inspection and testing of concrete and masonry.

Review inspection practices for wood structural elements and connections.

Examine requirements for fire-resistant materials.

Study material standards and review load testing procedures.



Special Inspections under International Building Code Chapter 17

Somerset, NJ - Tuesday, August 21, 2018



Receive an overview of program guidelines and special inspector qualifications

Review special inspections of soil and foundations, concrete and masonry, steel, wood construction, fire-resistant materials and exteriors

Understand seismic and wind resistance inspections

Understand load testing and material and test standards

Discuss discrepancy documentation, tracking and resolution

Continuing Education Credits

Architects

6.0 HSW Continuing Ed. Hours
6.0 AIA HSW Learning Units

Professional Engineers

6.0 CPC Credits/PDHS

International Code Council

.6 CEUs (Building)

Contractors

Non-Credit Continuing Ed.



HalfMoon Education Inc.
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Faculty

Jerry Tepe *Owner at JRT-AIA Architect, in Hopkinton, New Hampshire*

Mr. Tepe is a licensed architect in all northern New England states. In practice for more than 35 years, he has been both a member and an officer of large E/A firms and a sole practitioner. His project experience ranges from single-family dwellings to large, multi-million dollar commercial and industrial facilities. As a sole proprietor, his firm provides full architectural services for commercial, institutional and industrial projects. The firm specializes in building, fire and accessibility code (ADA) consulting to architects, contractors, insurance and legal professionals and private entities, including third-party plan reviews and accessibility inspections. Mr. Tepe has been active in the code development process through the AIA since actively joining the AIA Codes and Standards Committee in 1987. With the creation of the International Code Council (ICC), he participated in the initial development of the International Building Code on the General/Occupancies Subcommittee and was the chair of that group for two years. Mr. Tepe was a member of the International Fire Code Development Committee for six years and the IBC Fire Safety Code Development Committee for three years. Recently he served a term on the ICC Code Correlation Committee. He continues as one representative of the AIA at the ICC hearings and conferences. He has made numerous presentations to conference audiences on topics related to building code enforcement and interpretation issues. Mr. Tepe has held all offices at both the state level (AIANH) and the regional level (AIA New England). He was active in the legislative process in New Hampshire to adopt the first statewide set of building codes. He has taught numerous code and accessibility-related issues in New Hampshire, New England and at BOCA, ICC, BSA and AIA conferences. He is a past chair of the Building Code Board of Appeals in Concord, New Hampshire. Mr. Tepe has also served on several other code and building related state and local committees and groups and is a past chair of the AIA Center for Building Science and Performance Knowledge Community.

Seminar Information

Doubletree by Hilton Somerset

200 Atrium Drive
Somerset, NJ 08873
(732) 469-2600

Registration
8:00 - 8:30 am
Morning Session
8:30 am - 12:00 pm
Lunch (On your own)
12:00 - 1:00 pm
Afternoon Session
1:00 - 4:00 pm

Continuing Education Credit Information

This seminar is open to the public and offers up to 6.0 HSW continuing education hours to architects and 6.0 CPC credits/PDHs to professional engineers in all states, excluding Florida architects.

HalfMoon Education is an approved continuing education provider for New Jersey engineers (Approval No. 24GP0000700).

This event has been approved by the American Institute of Architects for 6.0 HSW Learning Units (Sponsor No. J885). Courses approved by the AIA qualify for New Jersey architects. Only full attendance can be reported to the AIA/CES.

HalfMoon Education is deemed an approved architect continuing education sponsor in New York. HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New York (NYSED Sponsor No. 35), North Carolina, and North Dakota.

The International Code Council has approved this event for .6 CEUs in the specialty area of Building.

This seminar also offers a non-credit education opportunity for contractors; it has not been approved in any state which has a contractor continuing education requirement.

Attendance will be monitored, and attendance certificates will be available after the seminar for most individuals who complete the entire event. Attendance certificates not available at the seminar will be mailed to participants within fifteen business days.

Tuition

\$279 for individual registration
\$259 for three or more registrations.

Each registration includes a complimentary continental breakfast and printed seminar manual.

Receive a reduced tuition rate of \$101 by registering to be our on-site coordinator for the day. For availability and job description, please visit www.halfmoonseminars.org.

How to Register

- Visit us online at www.halfmoonseminars.org
- Mail-in or fax the attached form to 715-835-6066
- Call customer service at 715-835-5900

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

Additional Learning

Webinar Series

The Distributed Battery Webinar Series

- **The Distributed Battery Webinar, Part I**
Wed., Aug. 1, 2018, 11:00 AM - 2:15 PM CDT
- **The Distributed Battery Webinar, Part II**
Thurs., Aug. 2, 2018, 11:00 AM - 2:15 PM CDT

Handling Ethical Issues in Professional Engineering Practice

Fri., Aug. 3, 2018, 11:00 AM - 12:00 PM CDT

Technical Writing

- **Technical Writing Basics**
Thurs., Aug. 9, 2018, 12:00 PM - 2:00 PM CDT
- **Planning Documents**
Thurs., Aug. 9, 2018, 2:30 - 4:30 PM CDT
- **Writing Documents**
Fri., Aug. 10, 2018, 12:00 PM - 2:00 PM CDT
- **Revising and Editing Documents**
Fri., Aug. 10, 2018, 2:30 - 4:30 PM CDT

Foundation Damage and Repair

- **Structure Loads, Soil Mechanics, Bearing Capacity and Geo-Environmental Hazards**
Wed., Aug. 15, 2018, 11:00 AM - 12:30 PM CDT
- **Foundation-Wall Design and Construction**
Wed., Aug. 15, 2018, 1:00 - 2:30 PM CDT
- **Assessment of Foundation-Slab Damage & Repair Alternatives**
Thurs., Aug. 16, 2018, 11:00 AM - 12:30 PM CDT
- **Assessment of Foundation-Retaining Wall Damage & Repair Alternatives**
Thurs., Aug. 16, 2018, 1:00 - 2:30 PM CDT

Retaining Structures

- **Earth Pressures and Surcharges**
Thurs., Aug. 23, 2018, 11:00 AM - 12:30 PM CDT
- **Cantilever & Apparent Earth Pressures**
Thurs., Aug. 23, 2018, 1:00 - 2:30 PM CDT
- **Apparent Earth Pressures**
Fri., Aug. 24, 2018, 11:00 AM - 12:30 PM CDT

For more information visit:
www.halfmoonseminars.org/webinars/

Can't Attend? Order the CD/Manual Package:

An audio recording of this seminar is available for \$289 (including shipping). Allow five weeks from the seminar date for delivery. Please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

Registration

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How to Register	
Online: www.halfmoonseminars.org	
Phone: 715-835-5900	
Fax: 715-835-6066	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
Complete the entire form. Attach duplicates if necessary.	
Registrant Information	
Name: _____	
Company/Firm: _____	
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City: _____ State: _____ Zip _____	
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Phone: _____	
Additional Registrants:	
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Occupation: _____	
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Name: _____	
Occupation: _____	
Email: _____	
Phone: _____	
Email address is required for credit card receipt, program changes, and notification of upcoming seminars and products. Your email will not be sold or transferred.	
() I need special accommodations. Please contact me.	

Tuition

() **I will be attending the live seminar.** Single Registrant - **\$279.00**. Three or more registrants from the same company registering at the same time - **\$259.00** each.

() **I am not attending.** Please send me the CD manual package for **\$289.00**. (S&H included. Please allow five weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

Credit Card: *Mastercard, Visa, American Express, or Discover*

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