Agenda

Presented by Jared Agee

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

Soil and Foundation Inspections
- Existing soil conditions
- Site preparation
- Shallow foundations
- Deep foundations

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

Steel Inspections
- Shop fabrication
- Welds
- Bolted connections
- Pre-engineered metal buildings

Wood, Cold-Formed Steel, Wind and Seismic Design
- AWC and AISI publication references in Code
- Wood and CFS material standards, fasteners and connections
- Lateral framing inspection practices
- Seismic resistance/isolation systems

Exterior Insulation/Finishes and Fire Resistance/Smoke Control
- Exterior insulation and finish systems
- Fire resistant materials and sprayed fire-resistant material
- Smoke control

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

Learning Objectives

You’ll be able to:

Meet International Building Code requirements for special inspections of concrete and masonry construction.

Identify special inspection requirements for steel fabrication, welds and connections.

Describe special inspection requirements for soils and foundations, and for wind and seismic design.

Meet special inspection requirements for wood construction and cold-formed steel framing.

Resolve discrepancies and non-conformances in special inspection reports.

Special Inspections under the International Building Code Chapter 17

West Des Moines, IA - Friday, March 27, 2020

Learn about program guidelines and special inspector qualifications

Understand seismic and wind resistance inspections

Comply with inspection requirements for soils, foundations, concrete and masonry

Discuss exterior insulation and finishes, fire resistance and smoke control

Learn about inspections of wood and CFS materials, fasteners and connections

Continuing Education Credits

Professional Engineers
6.5 PDHs

Architects
6.5 HSW CEHs
6.5 AIA LU|HSW

International Code Council
6.5 CEUs (Building)

Contractors
Non-Credit Continuing Ed.

Find us on Facebook
Seminar Information

Sheraton West Des Moines
1800 50th Street
West Des Moines, IA 50266
(515) 223-1800
Registration
8:00 - 8:30 am
Morning Session
8:30 am - 12:30 pm
Afternoon Session
1:30 - 4:30 pm

Lunch (On your own)
12:30 - 1:30 pm

Tuition
$299 for individual registration
$279 for three or more simultaneous registrations.

Complimentary continental breakfast and printed seminar manual.
Registration does not include a copy of the Code itself.

Receive a reduced tuition rate of $101 for additional registrations from the same company registering at the same time.

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

Audio recordings of this seminar are available for purchase starting at $29. See registration panel 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.

Additional Learning

Webinar Series

Foundations in Cold Regions
• Introduction to Foundations in Cold Regions
  Thurs., Feb. 20, 2020, 11:00 AM - 12:30 PM CST
  Soil Mechanics and Slope Stability

Designing for Climate Resilience
• Current and Anticipated Climate Effects on Structures and Communities
  Thurs., Feb. 27, 2020, 11:00 AM - 12:30 PM CST
  Assessing the Impact of Sea Level Rise, Changing Temperature and Changing Weather Patterns
  Thurs., Feb. 27, 2020, 1:00 - 3:00 PM CST

Foundation Construction in Cold Regions
• Deep Foundation Design in Cold Regions
  Fri., Feb. 21, 2020, 1:00 - 3:00 PM CST
  Foundation Construction in Cold Regions
  Fri., Feb. 21, 2020, 1:00 - 2:00 PM CST

Soil Mechanics and Slope Stability
• Soil Investigation and Classification
  Tues., Feb. 25, 2020, 11:00 AM - 1:00 PM CST
  • Determining and Increasing Bearing Capacity
    Wed., Feb. 26, 2020, 11:00 AM - 1:00 PM CST
  • Determining and Increasing Slope Stability
    Wed., Feb. 26, 2020, 1:30 - 3:00 PM CST

Continuing Education Credit Information

This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states. Educators and courses are not subject to preapproval in Iowa and neighboring states.

This seminar is approved by the American Institute of Architects Continuing Education System for 6.5 LU|HSW (Sponsor No. J885). Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing. Only full attendance is reportable to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects.

The International Code Council has approved this event for .65 CEUs in the specialty area of Soils Engineering. This seminar is open to the public and offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects in all states. Educators and courses are not subject to preapproval in Iowa and neighboring states.

Tuition

| Tuition | $299.00 | USB/Manual Package for Single Registrant - $299.00
| $279.00 | CD/Manual Package for Three or More Simultaneous Registrants - $279.00
| | (S$499.00 each.

For availability and job description, please visit www.halfmoonseminars.org.

Visit us online at www.halfmoonseminars.org or HalfMoon Education Inc., 715-835-5900 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.

Can't Attend? Order the Manual and Audio from the Live Seminar as a Self-Study Package!

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Registration

Special Inspections under the International Building Code Chapter 17
West Des Moines, IA - Friday, March 27, 2020

How to Register

Online:
www.halfmoonseminars.org
Phone:
715-835-5900
Fax:
715-835-6066
Mail:
HalfMoon Education Inc., PO Box 278, Altoona, WI 50720-0278

Complete the entire form. Attach duplicates if necessary.

Registrant Information

Name:
Company/Firm: __________________________
Address: __________________________
City: __________________________ State: __________ Zip: __________
Occupation: __________________________
Email: __________________________
Phone: __________________________
Fax: __________________________

Additional Registrants:
Name:
Occupation: __________________________
Email: __________________________
Phone: __________________________
Fax: __________________________

Mail:
HalfMoon Education Inc., PO Box 278, Altoona, WI 50720-0278

Tuition

| | | | | | | |
| I am attending. | | | | | | |
| | I am not attending. | | | | | |

Checks: Make payable to HalfMoon Education Inc.

Credit Card:
American Express, Discover

Credit Card Number:
Expiration Date: ________________ CVV2 Code: __________

Cardholder Name:
Billing Address:
City: __________________________ State: __________ Zip: __________
Signature: __________________________
Email: __________________________

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