

Agenda

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-resistive 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

**Special Inspections Under
International Building Code Chapter 17**
Louisville, KY - Thursday, February 28, 2019

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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

Louisville, KY - Thursday, February 28, 2019



Receive an overview of program guidelines and special inspector qualifications

Learn about special inspections of soil and foundations, concrete, masonry, and steel

Discuss exterior insulation, finishes, fire resistance and smoke control

Learn about wood and CFS material standards, fasteners and connections

Continuing Education Credits

Professional Engineers

7.0 PDHs

International Code Council

.7 CEUs (Building)

Architects

7.0 HSW CEHs

7.0 AIA HSW Learning Units

Contractors

Non-Credit CE Hours



HalfMoon Education Inc.
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Faculty

Joseph S. Cooke, PE *Principal and Director of Engineering at Consulting Services Incorporated (CSI)*
Mr. Cooke grew up around construction projects. His work experience includes services in the geotechnical, construction, construction testing/inspection and environmental engineering fields. Mr. Cooke’s project experience includes projects as large as over 1,000 acres, buildings as large as 1.5 million square feet, “portfolio” work on as many as 40 projects in one package, and linear projects as long as 40 miles. His specific specialties include earthwork and soil issues, construction materials and project performance, forensic analysis of geotechnical and materials issues, large project planning and geotechnical-related construction planning and analysis. Mr. Cooke has provided geotechnical engineering on over 1,500 projects in over 15 states.

Scott Gevedon *MSI, CWI, Project Manager, Senior Special Inspector for CSI*
Mr. Gevedon has over 20 years of experience in diverse and challenging fields and is one of only 8 Master Special Inspectors in Kentucky. His experience includes special inspections, material testing and geotechnical laboratory testing for projects involving, earthwork, concrete, reinforcing steel, masonry, structural steel, firestop for penetrations & joints, spray applied fire resistant materials and geosynthetics. Mr. Gevedon has integrated his knowledge of special inspections and materials testing activities throughout the years to effectively inspect field construction with multiple site contractors. His experience includes being employed as a lead technician for one million square foot distribution centers to seventeen-story high rise structures to 60-acre landfills. Mr. Gevedon’s experience also includes being employed as Construction Materials Testing Department Manager which involved direct client interaction, scheduling oversight, managing and training of field technicians, financial management, business development, review of field and lab data, project coordination and oversight for projects.

Bryan Agee, Sr. *CWI, NDT Level II, NACE Level II, Senior NDT Inspector and Senior Special Inspector for CSI*
Mr. Agee has over 30 years of experience in welding and weld inspection-related projects. His experience includes all aspects of NDT and inspections related to steel including manufacturing, mining, railroad, new construction, and aerospace industries. His specific areas of expertise include: visual inspections per the AWS D1.1 structural steel, NDT methods such as VT, DRT, UT, MT and PT. Mr. Agee’s career began after completing a 2 year welding course and working in the field as a certified welder for 12 years. In the last 20 years he has had the opportunity to expand his career in the field of inspection performing special inspections on many projects ranging from new construction such as single story buildings to projects such as the mobile launch pad for NASA that was over 40 stories. Mr. Agee has performed special inspections for hospitals, bridges and dams, Disney Theme park to performing phased array ultrasonics for Space-X and Universal Studios Cabana Bay Beach Resort. He has also been certified in Aerospace working for companies such as Boeing, Lockheed Martin, NASA and Space-X during his career.

Seminar Information

Hilton Garden Inn Airport 2735 Crittenden Drive Louisville, KY 40209 (502) 637-2424	Registration 8:00 - 8:30 am Morning Session 8:30 am - 12:30 pm Lunch (on your own) 12:30 - 1:30 pm Afternoon Session 1:30 - 5:00 pm
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Tuition
\$279 for individual registration
\$259 for three or more registrations.
Each registration includes a complimentary continental breakfast and printed seminar manual. Registration does not include a copy of the Code itself.
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 self-study package. You may also send another person to take your place.

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects in all states. Educators and courses are not subject to preapproval in Kentucky.

This event is approved by the American Institute of Architects Continuing Education System for 7.0 HSW Learning Units (Sponsor No. J885). Only full attendance can be reported 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), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York architects.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building.

This seminar offers a non-credit continuing education opportunity to construction contractors. It is not approved by any state licensing entity for contractor continuing education credit.

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.

Additional Learning

Webinar Series

Complying with ADA Standards for Accessible Design

- **Complying with Federal and State Accessibility Requirements**
Thurs., Feb. 7, 2019, 11:00 AM -1:30 PM CST
- **Meeting Requirements in IBC and ADA Standards**
Fri., Feb. 8, 2019, 11:00 AM -1:30 PM CST

Special Inspections

- **Introduction to Chapter 17: Special Inspections**
Wed., Feb. 13, 2019, 11:00 AM -12:30 PM CST
- **Soils and Foundations**
Wed., Feb. 13, 2019, 1:00 -2:30 PM CST
- **Reinforced Concrete and Structural Steel**
Thurs., Feb. 14, 2019, 11:00 AM -12:30 PM CST
- **ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations**
Thurs., Feb. 14, 2019, 1:00 -2:30 PM CST

Foundations in Cold Regions

- **Introduction to Cold Regions Foundations**
Thurs., Feb. 21, 2019, 11:00 AM -12:30 PM CST
- **Shallow Foundation Design in Cold Regions**
Thurs., Feb. 21, 2019, 1:00 -2:30 PM CST
- **Deep Foundation Design in Cold Regions**
Fri., Feb. 22, 2019, 11:00 AM -12:30 PM CST
- **Foundation Construction in Cold Regions**
Fri., Feb. 22, 2019, 1:00 -2:00 PM CST

Soil Mechanics and Retaining Wall Design

- **Soil Investigation and Classification**
Wed., Feb. 27, 2019, 11:00 AM -1:00 PM CST
- **Retaining Walls: What They Do and How They Do It**
Wed., Feb. 27, 2019, 1:30 -2:30 PM CST
- **Geosynthetics and Retaining Walls**
Thurs., Feb. 28, 2019, 11:00 AM -1:30 PM CST
- **Retaining Wall Failures and Fixes/Site Layout and Prevention**
Thurs., Feb. 28, 2019, 2:00 -4:00 PM CST

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

Can’t Attend? Order the Manual and the Audio from the Live Seminar as a Self-Study Package!
An audio recording of this seminar is available for \$289. Allow four 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	Registrant Information
Online: www.halfmoonseminars.org	Name: _____ Company/Firm: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____
Phone: 715-835-5900	Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ Name: _____ Occupation: _____ Email: _____ Phone: _____
Fax: 715-835-6066	
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	
Complete the entire form. Attach duplicates if necessary.	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 self-study package for **\$289.00**.

☐ Downloadable MP3 Audio/PDF Manual
☐ CD/Manual Package
(Please allow four weeks from seminar date for delivery)

Checks: Make payable to HalfMoon Education Inc.

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

Credit Card Number: _____
Expiration Date: _____ CVV2 Code: _____
Cardholder Name: _____
Billing Address: _____
City: _____ State: _____ Zip: _____
Signature: _____
Email: _____