

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-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 the International Building Code Chapter 17
St. Louis, MO - Wednesday, March 28, 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.



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Receive an overview of program guidelines and special inspector qualifications

Understand seismic and wind resistance inspections

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

Discuss exterior insulation, finishes, fire resistance and smoke control

Learn about wood and CFS material standards, fasteners and connections

Continuing Education Credits

Architects

7.0 HSW CEUs/CE Hours
7.0 AIA HSW Learning Units

Professional Engineers

7.0 PDHs

International Code Council

.7 CEUs (Building)

Contractors

Non-Credit Continuing Ed.



HalfMoon Education Inc.
WWW.HALFMOONSEMINARS.ORG



Faculty

Jared Agee *Director of Building and Code Enforcement for St. Charles County, Missouri*

Mr. Agee is the director of building and code enforcement for St. Charles County, Missouri. Previously, he worked in urban and suburban municipal governments managing building code enforcement. Prior to his public sector positions, he worked in the construction industry in design and project management. Mr. Agee has an undergraduate degree in Architectural and Mechanical Design and a graduate degree in Public Administration and Policy Analysis. As a master code professional, he is one of approximately 800 people to obtain the highest level of certification from the International Code Council.

Additional Learning

Webinar Series

Building Operations and Efficiency

- **Identifying Energy Efficiency Opportunities in Major Renovations**
Thurs., Feb. 1, 2018, 11:00 AM - 12:30 PM CST
- **Integration of “Energy Modeling” in the Design of High Performance Buildings**
Thurs., Feb. 1, 2018, 1:00 - 2:30 PM CST
- **High Efficiency Building Design Standards**
Fri., Feb. 2, 2018, 11:00 AM - 12:30 PM CST
- **Commissioning and Operation of High Performance Buildings**
Fri., Feb. 2, 2018, 1:00 - 3:00 PM CST

International Mechanical Code

- **International Mechanical Code Background and Application**
Thurs., Feb. 15, 2018, 11:00 AM - 12:30 PM CST
- **Chapters 2-5: Definitions, Regulations and Ventilation**
Thurs., Feb. 15, 2018, 1:00 - 3:00 PM CST
- **Chapters 6-10: Ventilation, Appliances and Equipment**
Fri., Feb. 16, 2018, 11:00 AM - 1:00 PM CST
- **Chapters 11-15: Refrigeration, Piping and Appendices**
Fri., Feb. 16, 2018, 1:30 - 3:00 PM CST

NFPA 70E

- **NFPA 70E, Part I**
Thurs., Feb. 8, 2018, 11:00 AM - 3:30 PM CST
- **NFPA 70E, Part II**
Fri., Feb. 9, 2018, 11:00 AM - 3:30 PM CST

National Electrical Code: A Solar Photovoltaic System Perspective

- **National Electrical Code for Building Professionals, Part I**
Wed., Feb. 21, 2018, 11:00 AM - 2:15 PM CST
- **National Electrical Code for Building Professionals, Part II**
Thurs., Feb. 22, 2018, 11:00 AM - 2:15 PM CST

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

Seminar Information

Holiday Inn Forest Park
5915 Wilson Avenue
St. Louis, MO 63110
(314) 645-0700

Registration	Lunch (On your own)
8:00 - 8:30 am	12:30 - 1:30 pm
Morning Session	Afternoon Session
8:30 am - 12:30 pm	1:30 - 5:00 pm

Tuition

\$279 for individual registration

\$259 for three or more simultaneous 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 a job description, go online to 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.

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 HSW CEUs/continuing education hours to architects and 7.0 PDHs to engineers in all states, except Florida architects. Educators and courses are not subject to preapproval in Missouri and Illinois.

This seminar is approved by the American Institute of Architects for 7.0 HSW Learning Units (Provider No. J885). Only full attendance can be reported to the AIA/CES.

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

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

This course offers a non-credit continuing education opportunity to construction contractors. It has not been approved by any state contractor licensing entity for mandatory 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.

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: _____ Address: _____ City: _____ State: _____ Zip _____ Occupation: _____ Email: _____ Phone: _____ Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ 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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Expiration Date: _____ CVV2 Code: _____

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