

Agenda

Presented by Michael L. Savage, Sr., MCP, CBO, CFPS, CEI-M

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 Arlington, TX - Tuesday, February 11, 2020

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Learning Objectives

You'll be able to:

Describe special inspection requirements for site preparation, foundations, concrete reinforcement, and concrete placement, as well as masonry placement, mortaring and grouting.

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

Meet special inspection requirements for exterior insulation and finishes.

Comply with special inspection requirements for fire-resistant materials.

Describe special inspection requirements for strength of materials.



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Special Inspections Under International Building Code Chapter 17

Arlington, TX - Tuesday, February 11, 2020



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, 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

Architects

7.0 HSW CEPHs/CE Hours

7.0 AIA LU|HSW

International Code Council

.7 CEUs (Building)

Contractors

Non-Credit Continuing Ed.



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Faculty



Michael L. Savage, Sr., MCP, CBO, CFPS, CEI-M
Director of Building Safety for Marion County, Florida

Mr. Savage has been in the inspection field for more than 25 years. He has been a plans examiner, a combination inspector, a chief inspector and chief building official. Mr. Savage has completed plan reviews and inspections on all types of structures from single-family dwellings, decks and sheds, to micro-breweries and manufacturing/industrial facilities. He currently serves as the director of building safety/building official for Marion County, Florida. Mr. Savage holds more than 39 International Code Council certifications, including master code professional and certified building official. In addition, he is a NFPA-certified fire protection specialist (CFPS) and IAEI certified electrical inspector – master. He is also licensed as a building, electrical, plumbing, and mechanical inspector in the State of Maryland, and he is a qualified electrical inspector in the State of Delaware. Mr. Savage is also licensed as a building, electrical, plumbing and mechanical inspector in the State of New Mexico. He is actively involved in the code making processes and holds committee memberships on such bodies as NFPA, IAEI and UL, and is a member of the International Code Council (ICC) Board of Directors. Mr. Savage’s past positions include the following: President of the Central New Mexico Chapter of Building Officials, President of the IAEI NM Chapter, ICC Region XI Development Committee and past president and Executive Council member of Region XI. Mr. Savage was appointed to the ICC-Evaluation Services Board of Managers in 2015, the ICC Compliance Code Action Committee (CCAC) and the ICC Code Correlation Committee (CCC). He has taught, and implemented, Special Inspections programs throughout the country resulting in safer, code compliant buildings.

Seminar Information

The Bob Duncan Center	Registration	Lunch (on your own)
2800 South Center Street	8:00 - 8:30 am	12:30 - 1:30 pm
Arlington, TX 76014	Morning Session	Afternoon Session
(817) 465-6661	8:30 am - 12:30 pm	1:30 - 5:00 pm

Tuition
\$289 for individual registration
\$269 for three or more simultaneous registrations.

Included with your registration:
Complimentary continental breakfast and printed seminar manual.
Registration does not include a copy of the Code itself.

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.

Additional Learning

Webinar Series

Commercial Solar Peaker Batteries

- **Part I**
Wed., Feb. 5, 2020, 11:00 AM - 2:15 PM CST
- **Part II**
Thurs., Feb. 6, 2020, 11:00 AM - 2:15 PM CST

Pumping and Piping Systems

- **Introduction to Pumps: Operation, Principles and Calculations**
Thurs., Feb. 6, 2020, 11:00 AM - 1:00 PM CST
- **Pumping and Piping Design Standards and Codes**
Thurs., Feb. 6, 2020, 1:30 - 2:30 PM CST
- **Piping System Components, Materials and Calculations**
Fri., Feb. 7, 2020, 11:00 AM - 1:00 PM CST
- **Handling Pump and Piping System Problems**
Fri., Feb. 7, 2020 , 1:30 - 2:30 PM CST

Pavement Design

- **Principles of Pavement Design**
Wed., Feb. 12, 2020, 11:00 AM - 12:00 PM CST
- **Flexible Pavement Design**
Wed., Feb. 12, 2020, 12:30 - 2:30 PM CST
- **Rigid Pavement Design**
Thurs., Feb. 13, 2020, 11:00 AM - 1:00 PM CST
- **Maintenance, Rehabilitation and Sustainability of Pavements**
Thurs., Feb. 13, 2020, 1:30 - 3:30 PM CST

Ethical Issues for Engineers

- **Resolving Disputes and Handling Ethical Issues in Government Projects**
Fri., Jan. 31, 2020, 12:00 - 1:00 PM CST
- **Complying with Rules of Professional Conduct**
Fri., Feb. 14, 2020, 12:00 - 1:00 PM CST

For more information and other online learning opportunities visit:
www.halfmoonseminars.org/webinars/

Continuing Education Credit Information

This seminar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW CEPHs/continuing education hours to architects in most states, including Texas. Educators and courses are not subject to preapproval in Texas.

The American Institute of Architects Continuing Education System has approved this event for 7.0 LU|HSW (Sponsor No. J885). Only full attendance can be reported to the AIA/CES. Visit www.halfmoonseminars.org for complete AIA/CES information under this course listing.

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 7 CEUs in the specialty area of Building (Preferred Provider No. 1232)

This seminar offers contractors a non-credit continuing education opportunity. It has not been submitted to any state contractor licensing entity for continuing education approval.

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 Manual and Audio from the Live Seminar as a Self-Study Package!
Audio recordings of this seminar are available for purchase starting at \$269. 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.

Registration

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How to Register	
Online: www.halfmoonseminars.org	
Phone: 715-835-5900	
Fax: 715-835-6066	Code:
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 - \$289.00 . Three or more registrants from the same company registering at the same time - \$269.00 each.	
() I am not attending. Please send me the self-study package: ☐ Downloadable MP3 Audio/PDF Manual for \$269.00 . ☐ CD/Manual Package for \$289.00 . ☐ USB/Manual Package \$289.00 . (S&H included. Please allow five weeks from seminar date for delivery)	
Checks: Make payable to HalfMoon Education Inc.	
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Credit Card Number: _____	
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