Agenda

Presented by Vince Fratinardo, P.E., S.E., RRC

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

Learning Objectives

You’ll be able to:

Describe special inspection requirements for site preparation and foundations.

Comply with special inspection requirements for concrete reinforcement and placement, and for masonry units, mortar and grout.

Meet special inspection requirements for exterior insulation and finishes, and for fire resistance and smoke control.

Review requirements for design strength of materials and for load tests.

Special Inspections under the International Building Code Chapter 17
Springfield, IL - Tuesday, April 21, 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 and masonry

Continuing Education Credits

Professional Engineers
- 7.0 PDHs

Structural Engineers
- 7.0 Continuing Ed. Credit Hours

Architects
- 7.0 HSW Contact Hours
- 7.0 AIA LU|HSW

As a result of recent health and safety concerns, this seminar will also be offered as a live webinar. Instructions will be sent via email before the date of the webinar. Visit us online at www.halfmooneseminars.org to learn more.
Additional Learning

**Webinar Series**

**Water Conservation**
- Reviewing the Owner’s Commitment to Water Conservation and Applicable Codes and Standards
  - Thurs., April 23, 2020, 11:00 AM - 12:30 PM CDT
- Assessing the Building Site
  - Thurs., April 23, 2020, 1:00 - 2:00 PM CDT
- Conserving and Reducing Water Use
  - Fri., April 24, 2020, 11:00 AM - 1:00 PM CDT
- Onsite Water Recycling and Minimizing Water Use
  - Fri., April 24, 2020, 1:30 - 3:30 PM CDT

**Special Inspections under the IBC Chapter 17**
- Special Inspections under the IBC Chapter 17, Part I
  - Wed., April 29, 2020, 10:00 AM - 2:15 PM CDT
- Special Inspections under the IBC Chapter 17, Part II
  - Thurs., April 30, 2020, 11:00 AM - 5:15 PM CDT

For more information and other online learning opportunities visit: [www.halfmoonseminars.org/webinars/](http://www.halfmoonseminars.org/webinars/)

**Continuing Education Credit Information**

This seminar is open to the public and offers 7.0 PDHs to professional engineers, 7.0 continuing education credit hours to structural engineers, and 7.0 HSW continuing education hours to architects in all states. Educators and ceers are not subject to preapproval in Illinois.

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

Halfmoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP000070), North Carolina, and North Dakota. Halfmoon Education is deemed an approved engineer and architect continuing education sponsor in New York.

The International Code Council has approved this event for 7.0 CEUs in the specialty area of Building.

This seminar also offers a non-credit continuing education opportunity to construction contractors. It has not been submitted to any state contractor licensing board 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 $279. 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**

Special Inspections under the International Building Code Chapter 17
Springfield, IL – Tuesday, April 21, 2020

**How to Register**

**Online:** [www.halfmoonseminars.org](http://www.halfmoonseminars.org)
- Phone: 715-835-5900

**Fax:** 715-835-6066
- Code:

**Complete the entire form. Attach duplicates if necessary.**

**Tuition**

( ) I will be attending the live, in-person SEMINAR.

( ) I will be attending the live, online WEBINAR.

( ) I am not attending.

Three or more registrants from the same company registering at the same time = $279.00 each

( ) I need special accommodations. Please contact me.

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