

Agenda

Presented by Michael Berry, P.E., C.B.O., C.W.I., M.S.I.

Introduction to Chapter 17-Special Inspections

- Overview of Chapter 17
- Responsibilities of owner, architect, inspector, and contractor
- Default values of each discipline
- Final letter of special inspection

Soils and Foundations

- Basics of a geotechnical report
- Alternative options other than undercutting
- Types and the need for soil testing
- Unsuitable vs. unusable
- Foundation testing for non-inspectors
- PSI vs. PSF
- Preliminary budget estimates for mass grading

Reinforced Concrete and Structural Steel

- Concrete breaks are low: what now?
- Air entrainment
- Basics of field inspections of reinforced steel and concrete
- Basic overview of welding procedures
- Field inspections of bolted connections and welded connections

ACT Ceiling Grid, Epoxy Anchors, and Fire Penetrations

- Acoustical ceiling tile: Seismic category C vs. D
- Installation and inspection of ACT
- Field inspections of fire penetrations and joints
- Importance of cleanliness for installations of epoxy anchors
- Questions and discussion

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.

**Special Inspections under International
Building Code Chapter 17**
Charlotte, NC - Thursday November 29, 2018



Halfmoon Education Inc.
PO Box 278
Altoona, WI 54720-0278

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Learning Objectives

You'll be able to:

- Explore** the responsibilities of the owner, architect, inspector, and contractor.
- Evaluate** geotechnical reports.
- Identify** types of soil tests and determine when they are needed.
- Explore** foundation testing.
- Understand** the basics of field inspections of reinforced steel and concrete.
- Discuss** field inspections of bolted connections, fire penetrations and joints.
- Learn** about inspection of accoustical ceiling tile.



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Receive an introduction to special inspections under chapter 17 of the IBC

Learn the basics of a geotechnical report

Get tips on foundation testing for non-inspectors

Understand the need for soil testing and review types of tests

Explore field inspections of reinforced steel and concrete

Discuss inspections of acoustical ceiling tile, epoxy anchors and fire penetrations

Continuing Education Credits

Professional Engineers
6.0 PDHs

Architects
6.0 HSW Contact Hours
6.0 AIA HSW Learning Units

International Building Code
.6 CEUs (Building)

Contractors
Non-Credit Continuing Ed.



HalfMoon Education Inc.
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Faculty

Michael Berry, P.E., C.B.O., C.W.I., M.S.I.

Mr. Berry has over six years of experience working for third party testing and inspection firms and performs daily inspection and testing for local municipality jurisdictions, the South Carolina Office of School Facilities, and the South Carolina Office of the State Engineer. He specializes in performing International Building Code (IBC) Chapter 17 special inspections, earthwork and site work inspections and testing; assisting with mechanical, plumbing, building, and electrical inspections; and consulting and code interpretation of IBC, NFPA, AWS D1.1, ASME IX, and ASME B31.1. He is a registered South Carolina professional engineer; certified building official; master special inspector for reinforced concrete, structural masonry, SFRM, and high strength bolting; certified welding inspector (CWI); and commercial Chapter 1 inspector. Mr. Berry also has SCDOT Earthwork, Concrete, and HMA QC level 1, along with South Carolina CEPSCI and seven other Chapter 1 certifications. Currently he is a participant of the 2018 Special Inspections manual review and AWS Exam committee. He has been appointed to the Exam Development Committee for the soils special inspector exam for the term of January 1, 2017, to December 31, 2019. Mr. Berry is a board member of Central Building Inspectors Associations.

Seminar Information

Charlotte Marriott South Park 2200 Rexford Road Charlotte, NC 28211 (704) 364-8220	Registration 8:00 - 8:30 am Morning Session 8:30 - 11:45 am	Lunch (On your own) 11:45 am - 12:45 pm Afternoon Session 12:45 - 4:00 pm
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Tuition

\$279 for individual registration

\$259 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.*

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 (CDT), 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.

Additional Learning

Webinar Series

- Floodplain Mapping and Regulation**

 - **Floods, Floodplains and Introduction to Floodplain Management**
Wed., Oct. 10, 2018, 11:00 AM - 12:30 PM CDT
 - **Flood Maps and Flood Zones**
Wed., Oct. 10, 2018, 1:00 - 2:30 PM CDT
 - **Elevations in the National Flood Insurance Program (NFIP) and Floodplain Regulation**
Thurs., Oct. 11, 2018, 11:00 AM - 12:30 PM CDT
 - **Practical Floodplain Management**
Thurs., Oct. 11, 2018, 1:00 - 2:30 PM CDT
- Construction Cost Estimating**

 - **Introduction to Cost Estimating**
Thurs., Oct. 25, 2018, 11:00 AM - 12:30 PM CDT
 - **Cost Components – A Closer Look at the Estimates**
Thurs., Oct. 25, 2018, 1:00 - 3:00 PM CDT
 - **Cost Estimate Organization and Examples**
Fri., Oct. 26, 2018, 11:00 AM - 1:00 PM CDT
 - **Cost Estimating Topics**
Fri., Oct. 26, 2018, 1:30 - 3:00 PM CDT

- HEC-RAS Webinar Series**
- **Hydraulic Principles and Applications**
Thurs., Oct. 18, 2018, 11:00 AM - 1:00 PM CDT
 - **Working with the HEC-RAS User Interface**
Thurs., Oct. 18, 2018, 1:30 - 3:00 PM CDT
 - **Water Surface Profiling**
Fri., Oct. 19, 2018, 11:00 AM - 1:00 PM CDT
 - **Steady Flow Surface Profile Demonstrations**
Fri., Oct. 19, 2018, 1:30 - 3:30 PM CDT
- 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 6.0 PDHs to professional engineers and 6.0 HSW contact hours to architects in all states, except Florida architects. HalfMoon Education is an approved continuing education provider for North Carolina engineers.

This seminar is approved by the American Institute of Architects for 6.0 HSW Learning Units (Sponsor No. J885). Activities approved by the AIA qualify for North Carolina architects. Only full attendance can be reported to the AIA/CES.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida, Indiana, Maryland, New Jersey (Approval No. 24GP00000700), New York (NYSED Sponsor No. 35), North Carolina, and North Dakota. HalfMoon Education is deemed an approved architect continuing education sponsor in New York.

The international Code Council has approved this event for .6 CEUs in the specialty area of Building.

This event offers a non-credit continuing education opportunity to construction contractors.

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:

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Registration

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How to Register	Registrant Information
Online: www.halfmoonseminars.org	Name: _____
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Phone: 715-835-5900	Occupation: _____
	Email: _____
	Phone: _____
Fax: 715-835-6066	Additional Registrants:
	Name: _____
	Occupation: _____
	Email: _____
	Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278	Name: _____
	Occupation: _____
	Email: _____
	Phone: _____
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 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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