

Agenda

Presented by Rick Foster, CBO, CFM

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
- Shallow foundations
- Site preparation
- 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
- Bolted connections
- Welds
- 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

Online - Tuesday, September 1, 2020



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Learning Objectives

You'll be able to:

Explore special inspection requirements for site preparation and foundations.

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

Learn to meet special requirements for exterior insulation and finishes and for fire resistance and smoke control.

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

Understand steel fabrication and connection inspections.

Learn about wood and CFS material standards, fasteners and connections.



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HalfMoon Education Online Learning Special Inspections under the International Building Code Chapter 17

Live, Interactive Webinar - Tuesday, September 1, 2020



Receive an overview of program guidelines and special inspector qualifications

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

Understand seismic resistance inspections

Discuss exterior insulation, finishes, fire resistance and smoke control

Learn about wood and CFS material standards, fasteners and connections

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Rick Foster, CBO, CFM *Building Official for the City of Denham Springs, LA*

For the past 11 years, Mr. Foster has served as director of the Office of Planning and Development for the City of Denham Springs in Louisiana. Some of his duties include building official, floodplain administrator, stormwater inspector and code enforcement official and he holds certifications for all. He was appointed to this position the same day Hurricane Gustav made landfall, September 1, 2008. Mr. Foster currently serves on the board and is a past-president of the Building Officials Association of Louisiana. He has also served on the Louisiana Floodplain Management Association board. Mr. Foster comes from the private sector where he most recently held the position of director for a local facilities management firm. In August 2016, the City of Denham Springs experienced an unprecedented 1000-year flood where over three thousand of its four thousand structures were flooded. Through hard work, help from countless public and non-public entities, a community full of residents and business owners determined to come back, and the grace of God, Denham Springs is once again a thriving city. Many successful policies and procedures were developed and refined during the recovery response, enabling thousands of homeowners to either repair, elevate, or demolish their structures. Through detailed management of the process, many were able to qualify for grants to cover those costs.

Webinar Information

Log into Webinar 8:00 - 8:30 am	Lunch (on your own) 12:25 - 12:55 pm
Morning Session 8:30 am - 12:25 pm	Afternoon Session 12:55 - 4:20 pm

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Additional Learning

Webinar Series
Engineering Ethics: Handling Ethical Issues in Professional Engineering Practice
- Mon., August 17, 2020, 11:00 am – 12:00 pm CDT

Maintaining Existing Buildings under the 2018 International Property Maintenance Code
- Mon., August 17, 2020, 10:00 am – 2:30 pm CDT
- Mon., August 24, 2020, 10:00 am – 2:30 pm CDT

Retaining Wall Design and Global Stability Analysis
- Wed. August 19, 2020, 10:00 am – 2:15 pm CDT
- Thurs., August 20, 2020, 10:00 am – 2:15 pm CDT

Special Inspections under the International Building Code Chapter 17 (IBC 2015)
- Wed. August 19, 2020, 9:00 am – 1:30 pm CDT
- Thurs., August 20, 2020, 9:00 am – 12:15 pm CDT

Introduction to HEC-HMS Modeling
- Thurs., August 20, 2020, 8:30 am – 5:00 pm CDT

Air-Source Heat Pumps for Energy Efficiency
- Thurs., August 20, 2020, 11:00 am – 2:15 pm CDT
- Fri., August 21, 2020, 11:00 am – 3:15 pm CDT

Introduction to HEC-RAS Modeling
- Mon., August 24, 2020, 11:00 am – 3:00 pm CDT
- Tues., August 25, 2020, 11:00 am – 3:30 pm CDT

Practical Use of the FMEA as a Design Tool
- Tues., August 25, 2020, 11:00 am – 3:15 pm CDT
- Wed., August 26, 2020, 11:00 am – 3:15 pm CDT

Drones in Construction
- Thurs., August 27, 2020 , 10:00 am – 4:50 pm CDT

Energy-Efficient, Sustainable Roofs
- Thurs., August 27, 2020, 11:00 am – 2:30 pm CDT
- Fri., August 28, 2020, 11:00 am – 2:30 pm CDT

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Registration

Special Inspections under the International Building Code Chapter 17
Live, Interactive Webinar - Tuesday, September 1, 2020

How to Register	Registrant Information Name: _____ Company/Firm: _____ Address: _____ City:_____State: _____ Zip_____ Occupation: _____ Email: _____ Phone: _____ Additional Registrants: Name: _____ Occupation: _____ Email: _____ Phone: _____ 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.	
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