

Agenda

Presented by James D'Aloisio P.E., SECB, LEED AP

Special Inspections under the IBC Chapter 17 Day One

Thursday, May 13, 2021 | 11:00 am - 2:15 pm CDT (including a 15-min. break)

Overview of Special Inspections

Scope and timeline Statement of special inspections and testing
Special inspector and testing agent qualifications, accreditation
Contracts and conflicts of interest
Pre-construction meeting Jobsite protocol

Soils and Foundation Inspection and Testing

Soil inspection vs geotechnical consultant
Existing soil conditions Deep foundations

Masonry Inspection and Testing

Reinforced masonry pre-grout inspection
Grouting inspection Grout testing, mortar prism testing

Concrete Inspection and Testing

Preplacement inspection of forms and reinforcement
Concrete sampling and testing Concrete inspection
Post-placement inspection: Curing, etc.

Special Inspections under the IBC Chapter 17 Day Two

Friday, May 14, 2021 | 11:00 am - 3:15 pm CDT (including a 15-min. break)

Steel Inspection and Testing

Inspection of steel frames Connection details Shop fabrication
Weld inspection and testing Bolt inspection and testing
Pre-engineered metal buildings

Other Steel Inspections

Steel decking Open-web steel joists
Cold-formed steel framing Cold-formed steel trusses

Wood Construction

Inspection of wood structural elements
Wood fasteners and connections Architectural wall panels
Metal plate-connected wood trusses

Other Inspections

Fire-resistant materials Exterior insulation and finish systems (EIFS)
Smoke control

Seismic and Wind Resistance

Seismic requirements Inspections, tests, observations
Wind resistance – observations

Load Tests and Material and Test Standards

Discrepancies and Reports

Reports and discrepancy list Resolving discrepancies
Re inspections Final report

Special Inspections under the IBC Chapter 17

Online - Thursday, May 13 and Friday, May 14, 2021

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Learning Objectives

You'll be able to:

Describe the scope of, and timeline for special inspections under Chapter 17 of the International Building Code.

Differentiate between soil inspections and information obtained from a geotechnical consultant.

Discuss masonry inspections, as well as post-placement concrete inspections.

Comply with requirements for inspection of structural steel connections, including bolts and welds.

Meet requirements for fire resistance, smoke control and insulation inspections.

Explore load tests, as well as material and test standards.



HalfMoon Education Online Learning Special Inspections under the IBC Chapter 17

Live, Interactive Webinar Series
Thursday, May 13 and Friday, May 14, 2021



Identify special inspector and testing agent qualifications

Explore required tests for soils, foundations, masonry and concrete

Discuss structural steel framing and connection inspections

Comply with inspection requirements for structural wood components and fasteners

Examine requirements for seismic and wind resistance inspections

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW CE Hours

AIA

7.0 LU | HSW

International Code Council

.7 CEUs (Building)

AIA
Continuing
Education
Provider



Faculty

James A. D'Aloisio, P.E., SECB, LEED AP is a principal with Klepper, Hahn & Hyatt, a structural engineering, landscape architecture, and building envelope services firm in East Syracuse, New York. A graduate of Rensselaer Polytechnic Institute, Mr. D'Aloisio is a professional engineer, registered in New York and Massachusetts, and he has been certified by the Structural Engineering Certification Board (SECB) since its inception in 2007. He is a member and past president (1997-1998) of the American Society of Civil Engineers (ASCE) Syracuse Section, and a member of the American Institute of Steel Construction (AISC), National Society of Professional Engineers (NSPE), and the Consulting Engineers Council of New York State (CEC-NYS). Mr. D'Aloisio is chair of the Sustainability Committee of ASCE's Structural Engineering Institute. He is a trained infrared thermographer. He received the Order of the Engineer at Syracuse University in 1997. Mr. D'Aloisio's 30-plus years' experience as a consulting structural engineer has primarily involved the design of new building structures, additions, modifications, and analyses, assessments, and investigations of structures and facades. Specialties include detailing to minimize structural thermal bridging, the use of alternative structural systems such as SIPs, ICFs, FPSF's, and design approaches that can reduce the CO2-e emissions of structures and foundations. He has performed structural building reviews on over 10,000,000 square feet of buildings, has performed over 100 failure loss investigations, and has presented over 300 times.

Webinar Information

Day One: Thursday, May 13, 2021
11:00 am - 2:15 pm CDT (including a 15-min. break)

Day Two: Friday, May 14, 2021
11:00 am - 3:15 pm CDT (including a 15-min. break)
(please log into the webinar 15 - 30 minutes before start time)

Tuition
\$289 for individual registration
\$199 for three or more registrants from the same company at the same time.
Included with your registration: PDF seminar manual.

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

Webinars are presented via GoToWebinar. Instructions and login information will be provided in an email sent close to the date of the webinar. For more information, please visit our FAQ section of our website, or visit www.gotowebinar.com.

Cancellations: Cancel at least 48 hours before the start of the webinar, and receive a full tuition refund, minus a \$39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another webinar or the self-study package. You may also authorize another person to take your place.

Additional Learning

2021 International Residential Code: Residential Means of Egress
- Fri, April 9, 2021 | 11:00 am - 3:30 pm CDT

Designing for Accessibility under ADA Standards and 2021 IBC
- Mon, April 12, 2021 | 8:30 am - 4:30 pm CDT

Foundations on Expansive Soils
- Wed, April 14, 2021 | 8:30 am - 5:30 pm CDT

International Residential Code 2021
- Thurs, April 15, 2021 | 10:00 am - 2:30 pm CDT
- Fri, April 16, 2021 | 10:00 am - 12:00 pm CDT

Healthy HVAC Design Primer for Building Professionals
- Fri, April 16, 2021 | 8:00 am - 5:00 pm CDT

Seismic Design and Construction
- Fri, April 16, 2021 | 8:30 am - 5:00 pm CDT

Commercial Site Pavement Design, Installation and Maintenance
- Fri, April 16, 2021 | 8:30 am - 4:30 pm CDT

The Tree Course: Science, Design, and Sustainability
- Fri, April 16, 2021 | 9:00 am - 4:30 pm CDT

Deep Dive into Geosynthetics and Mechanically-Stabilized Earth (MSE) Wall Design
- Fri, April 16, 2021 | 10:00 am - 1:00 pm CDT

Ethical Issues in Sustainable Design: Understanding and Preventing Greenwashing
- Tues, April 20, 2021 | 11:00 am - 12:00 pm CDT

The 2021 International Fire Code
- Thurs, April 22, 2021 | 8:30 am - 5:00 pm CDT

Low Impact Development
- Thurs, April 22, 2021 | 10:00 am - 2:00 pm CDT
- Fri, April 23, 2021 | 10:00 am - 12:45 pm CDT

2021 International Residential Code: Residential Non-Structural Design
- Fri, April 23, 2020 | 11:00 am - 3:30 pm CDT

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

Continuing Education Credit Information
This webinar offers 7.0 PDHs to professional engineers and 7.0 HSW continuing education hours to architects licensed in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700), North Carolina (S-0130), and North Dakota. HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 7.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event, respond to all prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Can't Attend? Order the Webinar as a Self-Study Package!
Recordings of this webinar are available for purchase. 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 IBC Chapter 17
Live, Interactive Webinar - Thursday, May 13 and Friday, May 14, 2021

How to Register		Registrant Information
Online: www.halfmoonseminars.org		Name: _____
		Company/Firm: _____
Phone: 715-835-5900		Address: _____
		City: _____ State: _____ Zip: _____
Fax: 715-835-6066		Occupation: _____
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Code:		Phone: _____
Mail: HalfMoon Education Inc., PO Box 278, Altoona, WI 54720-0278		Additional Registrants:
		Name: _____
Complete the entire form. Attach duplicates if necessary.		Occupation: _____
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		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 webinar.** Single Registrant - **\$289.00**. Three or more registrants from the same company registering at the same time - **\$199.00** each.

() **I am not attending.** Please send me the webinar recording:

☐ Streamable MP4 Video/PDF Manual for **\$299.00**.

☐ USB Video/PDF Manual for **\$299.00**.

Checks: Make payable to HalfMoon Education Inc.

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