

## Credit Information

### **Special Inspections under the International Building Code Chapter 17**

This webinar offers 6.5 PDHs to professional engineers and 6.5 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 has approved this event for 6.5 HSW Learning Units (Sponsor No. J885). Courses approved by the AIA qualify for New Jersey and District of Columbia architects.

The International Code Council has approved this event for .65 CEUs in the specialty area of Building (Preferred Provider No. 1232).

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

### **Residential and Small Commercial International Energy Conservation Code**

This webinar offers 6.0 PDHs to professional engineers and 6.0 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.

HalfMoon Education is an AIA-approved continuing education sponsor (J885). Course approval is applied for and pending.

The International Code Council has approved this event for .6 CEUs in the specialty area of Energy (Preferred Provider No. 1232).

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

### **Webinar Instructions**

Each webinar session earns continuing education credit and can be registered for individually. All attendees must log-on through their own email – attendees may not watch together if they wish to earn continuing education credit. HalfMoon Education Inc. must be able to prove attendance if either the attendee or HalfMoon Education Inc. is audited.

Participation will be monitored, and completion certificates will be available upon achieving full participation and 80% accuracy on the quiz (multiple attempts allowed) that follows the instructional period of the webinar.

For GoToWebinar system requirements, please visit their “Support” section at [www.gotowebinar.com](http://www.gotowebinar.com).

## Special Inspections Webinar Energy Conservation Code Webinar

Monday, December 28 and Tuesday, December 29, 2020



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

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## End of Year Building Code Webinars

### Special Inspections under the International Building Code Chapter 17

- Monday, December 28, 2020 | 9:00 am - 4:30 pm CST

### Residential and Small Commercial International Energy Conservation Code

- Tuesday, December 29, 2020 | 9:30 am - 4:30 pm CST

To register please visit us online at:

[www.halfmoonseminars.org](http://www.halfmoonseminars.org)

or call our Customer Service Department at (715) 835-5900



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## HalfMoon Education Online Learning End of Year Building Code Webinars



### Special Inspections under the International Building Code Chapter 17

Monday, December 28, 2020 | 9:00 am - 4:30 pm CST

#### Credits:

Professional Engineers: 6.5 PDHs    Architects: 6.5 HSW CE Hours    AIA: 6.5 LU|HSW  
International Code Council: .65 CEUs (Building)

### Residential and Small Commercial International Energy Conservation Code

Tuesday, December 29, 2020 | 9:30 am - 4:30 pm CST

#### Credits:

Professional Engineers: 6.0 PDHs    Architects: 6.0 HSW CE Hours    AIA: Pending  
International Code Council: .6 CEUs (Energy)

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# Special Inspections under the International Building Code Chapter 17

Monday, December 28, 2020 | 9:00 am - 4:30 pm CST (incl. 30 min. break)

**Tuition:** \$299 per registrant, \$199 per registrant for three or more

**Credits:** Professional Engineers: 6.5 PDHs    Architects: 6.5 HSW CE Hours    AIA: 6.5 LU|HSW  
International Code Council: .65 CEUs (Building)

## Presented by Jared Agee

### 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

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International Code Council: .6 CEUs (Energy)

## Presented by Lawrence Lile, P.E.

### International Energy Conservation Code

Brief history of the International Energy Conservation Code  
Chapters 1 and 2 – Administrative Provisions and Definitions  
Recent and upcoming energy code changes  
Solar ready provisions  
Chapter 3 – General Requirements – Climate Zones  
Chapter 4 – Residential and Commercial Energy Efficiency  
Residential vs. commercial – and when you have a choice

### Building Envelope

R and U factors	Weather resistive barriers
Air barriers	Insulation requirements

### Sidebar: Top Ten Terrible Buildings – Energy Code Version

Fenestration	Daylighting
Vestibules	Roofing

### HVAC and Mechanical Systems

Residential systems	Small commercial systems
Other systems – water heating, pools	Electrical and lighting efficiency
Computer models – using total building performance and energy rating systems	
R501 Existing Buildings	

### COMcheck – a Live Example

Questions

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### Can't Attend? Order any of these Webinars as a Self-Study Package!

Recordings of each webinar are available for purchase. Search each course listing online 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.

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# Faculty Information

## Special Inspections under the International Building Code Chapter 17

**Jared Agee** *Director of Building and Code Enforcement for St. Charles County, Missouri*

Mr. Agee is the director of building and code enforcement for St. Charles County, Missouri. Previously, he worked in urban and suburban municipal governments managing building code enforcement. Prior to his public sector positions, he worked in the construction industry in design and project management. Mr. Agee has an undergraduate degree in Architectural and Mechanical Design and a graduate degree in Public Administration and Policy Analysis. As a master code professional, he is one of approximately 800 people to obtain the highest level of certification from the International Code Council.

## Residential and Small Commercial International Energy Conservation Code

**Lawrence Lile** *Owner of Lile Engineering in Ashland, MO*

Mr. Lile is the owner of Lile Engineering, which specializes in commercial energy solutions and LEED certification consulting. Mr. Lile has worked in the design industry for over 30 years, on healthcare, industrial, commercial and educational construction projects. He has been involved in electrical and mechanical design, as well as construction management and commissioning. He has volunteered for local city boards and commissions, including the City of Columbia Energy and Environment Commission, which he chaired from 2009 – 2015, helping the City review and adopt new building codes. Mr. Lile is a licensed Professional Engineer in Missouri.

# Additional Learning

**Technical Writing Workshop for Engineers Complying with Fire Protection and Building Codes**  
- Wed., Dec. 9, 2020 | 8:30 am - 5:00 pm CST

**Pavement Design**  
- Fri., Dec. 11, 2020 | 8:30 am - 4:30 pm CST

**Drones in Construction**  
- Fri., Dec. 11, 2020 | 10:00 am - 4:50 pm CST

**Cogeneration System Principles and Practices**  
- Mon., Dec. 14, 2020 | 7:30 am - 3:30 pm CST

**Introduction to HEC-HMS Modeling**  
- Mon., Dec. 14, 2020 | 8:30 am - 4:00 pm CST

**Wildfire Management on Rural Lands**  
- Mon., Dec. 14, 2020 | 10:00 am - 5:00 pm CST

**Net-Zero Energy Home Design Workshop**  
- Mon., Dec. 14, 2020 | 11:00 am - 2:15 pm CST  
- Tues., Dec. 15, 2020 | 11:00 am - 2:15 pm CST  
- Thurs., Dec. 17, 2020 | 11:00 am - 2:15 pm CST

**Complying with the 2021 Commercial Provisions of the Energy Conservation Code**  
- Tues., Dec. 15, 2020 | 8:30 am CST - 5:00 pm CST

**Complying with Fire Protection and Building Codes**  
- Tues., Dec. 15, 2020 | 8:30 am - 5:00 pm CST

**Fire-Resistant Landscapes and Construction**  
- Tues., Dec. 15, 2020 | 10:00 am - 5:00 pm CST

**Structural Forensic Engineering**  
- Wed., Dec. 16, 2020 | 10:00 am - 1:45 pm CST  
- Thurs., Dec. 17, 2020 | 10:00 am - 2:15 pm CST

**International Existing Building Code 2018**  
- Wed., Dec. 16, 2020 | 8:30 am - 4:30 pm CST

**Reading, Interpreting and Writing Land Descriptions Workshop**  
- Thurs., Dec. 17, 2020 | 9:00 am - 4:00 pm CST

**International Residential Code 2018**  
- Fri., Dec. 18, 2020 | 8:30 am - 4:45 pm CST

**Preventing and Addressing Construction Defects and Failures**  
- Mon., Dec. 21, 2020 | 8:30 am - 5:00 pm CST

For more information and other online learning opportunities visit:  
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