

# Webinar Information

## Day One:

Monday, March 3, 2025 | 8:00 am - 12:00 pm EST

## Day Two:

Tuesday, March 4, 2025 | 8:00 am - 12:00 pm EST

## Tuition

**\$339** for individual registration.

**\$237** per attendee for group registrations of two or more people registering at the same time for the same program.

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**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 on-demand package. You may also authorize another person to take your place.

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## New York City Energy Conservation Code (NYCECC) Commercial Envelope (IIA) Progress Inspection Requirements

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## New York City Energy Conservation Code (NYCECC) Commercial Envelope (IIA) Progress Inspection Requirements

*Live, Interactive Webinar*

Monday, March 3, 2025 | 8:00 am - 12:00 pm EST

Tuesday, March 4, 2025 | 8:00 am - 12:00 pm EST



The webinar covers the role of TR8 inspectors, inspection report requirements, and energy efficiency standards under 1 RCNY 101-07. Topics include insulation, fenestration, doors, air sealing, air barriers and vestibules.

### Continuing Education Credits

#### Professional Engineers

7.0 PDHs

#### International Code Council

.7 CEUs (Sustainability)

#### Architects

7.0 HSW CE Hours

7.0 AIA LU/HSW

AIA  
Continuing  
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# Agenda

## Day One: Monday, March 3, 2025

### **1 RCNY 101-07 Approved Agencies Rule:**

#### **What is the Role of the TR8 inspector of Record?**

- Supervision
- Duties
  - Confirm that the documents are sufficient
  - Verify that the drawings represent the built conditions
- Certification with exception(s)
- Conflict of interest

### **1 RCNY 101-07 Approved Agencies Rule:**

#### **What Should Be Included in Inspection Reports?**

- Non-compliant conditions and remediation
- Photographic documentation
- Signature and seal of the responsible design professional
- Sampling Table II of 1 RCNY §5000

### **IIA1 Protection Of Exposed Foundation Insulation**

- Protective coverings
- Coordination with COMcheck

### **IIA2 Insulation Placement and R-values**

- Prescriptive compliance vs COMcheck
- Allowed COMcheck versions EN1 energy model documentation
- Other wall entries in COMcheck Properly installed insulation
- Identifying thermal bridging Cavity vs continuous insulation
- Verifying installed R-values
- Comparing built conditions to details and to COMcheck
- Understanding area weighted U-factor calculations
- Slabs on grade Balconies and parapets
- Reading thermal boundary diagrams
- Gas meter and vented mechanical rooms
- Heating outside the building Reading area elevation diagrams

### **IIA3 Fenestration and Door U-Factor and Product Ratings**

- NFRC testing Identifying valid fenestration labels
- Unit/assembly vs center-of-glass values
- How to verify values when there is no valid label
- Entrance doors vs non-entrance doors

### **IIA4 Fenestration Air Leakage**

- Valid labeling
- Energy Star vs NFRC

### **IIA5 Fenestration Areas**

- Verifying dimensions
- Sampling
- COMcheck vs prescriptive compliance

## Day Two: Tuesday, March 4, 2025

### **IIA6 Air Sealing And Insulation – Visual Inspection (2016)**

#### **IIA6 Air Barrier Visual Inspection (2020)**

- Air barrier types
- Sealing at gas meter and vented mechanical rooms
- Inspection of joints, seams, and penetrations
- Identifying defects
- Observation of air sealing (blower door) testing

### **IIA7 Air Sealing And Insulation-Testing (2016)**

#### **IIA7 Air Barrier-Testing (2020)**

- Blower door testing basics
- Commercial code vs residential code requirements
- Testing plan
- Enclosure area
- During the test- what to look for
- Role of the TR8 inspector
- Apartment sampling
- Building preparation
- Test reports- what to include

### **IIA8 Air Barrier Continuity Plan Testing (2020)**

- What buildings need to comply?
- Test or inspect?
- ASTM standards
- What the design applicant should provide in the ABC plan
- Best TR8 inspection practices for carrying out the ABC Plan
- ABC Plan TR8 report
- Air barrier vs. vapor barrier
- Air barrier characteristics

### **IIA9 Vestibules**

- Vestibules “required” by the NYCECC
- Proper operation
- Fit-out/core and shell inspections

### **EN2 Form**

- As-built conditions and revised energy analysis
- Post-approval amendments
- Certification with exception(s)

# Faculty



**Janet Mellor** is a New York State registered architect with over 30 years’ experience in building energy conservation. She recently retired from her position as senior energy code compliance auditor with the Department of Buildings Bureau of Sustainability. In that capacity, she trained energy code inspectors and auditors, developed references and training materials for the review of energy code-related construction documents and inspection reports, and oversaw the resolution of energy code infractions. Ms. Mellor hopes to pass along the knowledge gained from her experience to construction industry professionals and to the public.

# Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in New York.

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 HSW LUs (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 Sustainability (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

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