

Webinar Information

Online - Wednesday, December 18, 2024

Log into Webinar

7:30 - 8:00 am EST

Break

11:15 - 11:45 am EST

Morning Session

8:00 - 11:15 am EST

Afternoon Session

11:45 am - 4:00 pm EST

Tuition

\$339 for individual registration.

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New York City Energy Conservation Code (NYCECC) Residential Progress Inspection Requirements

Live, Interactive Webinar - Wednesday, December 18, 2024

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Altoona, WI 54720-0278



Learning Objectives

You'll be able to:

Explore the role of the TR8 Inspector of Record under RCNY 101-07.

Compare the code requirements for residential buildings to those for commercial buildings.

Examine requirements for insulation placement.

Discuss air barrier visual inspections and testing.

Comply with requirements for HVAC systems and service water heating equipment.

Talk about the Permanent Certificate and certification with exceptions.



HalfMoon Education Inc., Your LIVE Education Leader Presents New York City Energy Conservation Code (NYCECC) Residential Progress Inspection Requirements

Live, Interactive Webinar - Wednesday, December 18, 2024



Explore what should be included in the New York City Energy Conservation Code (NYCECC) Residential Progress Inspection Report

Discuss protection of exposed foundation insulation

Examine insulation placement and R-values

Explore visual inspection and testing

Learn about fenestration and door U-factor and product ratings

Discuss the inspection process of joints, seams, and penetrations

Inspect HVAC and service water heating controls, including programmable thermostats

Explore electrical power and lighting systems

Continuing Education Credits

Professional Engineers
7.0 PDHs

Architects
7.0 HSW CE Hours
7.0 AIA LU | HSW

International Code Council
.7 CEUs (Energy)

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Agenda

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	
RCNY 101-07 Approved Agencies Rule: What Should Be Included in Inspection Reports Verified values, method of verification Non-compliant conditions and remediation Photographic documentation Signature and seal of the responsible design professional Sampling	
Table I of 1 RCNY \$5000	
Residential Buildings Residential vs commercial code- verifying the number of stories Mixed occupancy	
Protection of Exposed Foundation Insulation Protective coverings	
Coordination with REScheck	
Insulation Placement and R-Values Properly installed insulation Compressed insulation Prescriptive requirement issues Slabs on grade Understanding area weighted U-factor calculations Vented mechanical rooms	
Verifying installed R-values Steel vs wood framing REScheck issues Continuous vs cavity insulation	
Fenestration and Door U-factor and Product Ratings NFRC testing Identifying valid fenestration labels Unit/assembly vs center-or-glass values How to verify values when there is no valid label	
Fenestration Air Leakage Valid labeling Verifying dimensions REScheck vs prescriptive compliance	
Fenestration areas Sampling	
Air Sealing and Insulation – Visual Inspection (2016) Air Barrier Visual Inspection (2020) Inspection locations Inspection of joints, seams, and penetrations Identifying defects Observation of air sealing (blower door) testing	
Air Sealing and Insulation-Testing (2016) Air Barrier- Testing (2020) What the TR8 inspector should observe and verify Testing plan Sampling Reporting	
Building setup Test results	

Fireplaces What to look for	
Shutoff Dampers (2016) Ventilation and Air Distribution System Dampers ERV/HRV	
Balanced ventilation Fans	
HVAC and Service Water Heating Equipment Verifying the equipment	
Pools	
HVAC and Service Water Heating Controls Programmable thermostats Hot water circulation Snow and ice melt	
Boiler outdoor setback Heat trace	
HVAC and Service Water Piping Design and Insulation Insulation Maximum pipe length or water volume	
Drain water heat recovery	
Duct Leakage Testing, Insulation and Design Insulation When testing is required	
Sealing	
Electrical Power and Lighting Systems High-efficacy lamps	
Other Maintenance manuals	
Permanent Certificate What should be included	
Electric Vehicle Service Equipment Requirements Outlet or capacity	
Certification Statement of responsibility Certification with exception(s) As-built conditions and revised energy analysis	
Post-approval amendments EN2	

Faculty



Janet Mellor
Ms. 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 Energy (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).

On-Demand Credits
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Additional Learning

- Adaptive Reuse of Commercial Buildings**
- Wednesday, November 20, 2024 | 10:00 am - 5:00 pm EST
- Complying with Fire Protection and Building Codes**
- Monday, November 25, 2024 | 10:00 am - 6:00 pm EST
- Residential Wiring Basics under the National Electrical Code**
- Tuesday, November 26, 2024| 10:00 am - 5:00 pm EST
- Wetland Mitigation Law and Procedure**
- Tuesday, November 26, 2024 | 9:30 am - 5:00 pm EST
- Residential Wiring Basics under the National Electrical Code**
- Tuesday, November 26, 2024| 10:00 am - 5:00 pm EST

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