Learning Objectives

You’ll be able to:

**Explain** the history of energy-conserving residential construction, and explore the development of the Passive House Standard.

**Understand** the requirements of Passive House, a voluntary performance-based building envelope energy standard.

**Discuss** energy calculation tools and review design features common to Passive Houses.

**Integrate** renewable energy technologies into your Passive House design.

**Evaluate** mechanical systems, including heat exchangers.

Adopt Passive House for local climates.
Faculty

Jason Morosko, MSME, CPHC
Vice President of Engineering with UltimateAir, Inc.
Mr. Morosko is a vice president with UltimateAir, a research, design, and manufacturing company of leading technology air-to-air heat exchangers. Mr. Morosko is a 12-year veteran in this field, and he holds bachelors and masters degrees in heat transfer engineering. He became a certified Passive House consultant, and has taught the curriculum to become a certified Passive House consultant. Mr. Morosko has built his own Passive House duplex, and he has consulted on various Passive House projects in the particular areas of mechanical systems, shell design, and ventilation.

Here’s what past attendees had to say about the seminar and presenter Jason Morosko:

“Excellent presentation. Open to questions.” – Architect

“Mr. Morosko is very knowledgeable and a good presenter.” – Engineer

“Most everything was interesting and informative.” – Mechanical Engineer

Seminar Information

Crowne Plaza Cleveland Airport
7230 Engle Road
Middleburg Heights, OH 44130
(440) 261-4040

Registration
8:00 - 8:30 am
Lunch (On your own)
11:45 am - 12:45 pm
Morning Session
8:30 - 11:45 am
Afternoon Session
12:45 - 4:30 pm

Tuition
$279 for individual registration
$295 for three or more simultaneous registrations.

Each registration includes a complimentary continental breakfast and printed 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

Cancellations: Cancel at least 48 hours before the start of the seminar, and receive a full tuition refund, minus a $39 service charge for each registrant. Cancellations within 48 hours will receive a credit toward another seminar or the CD/manual package. You may also send another person to take your place.

Can’t Attend? Order the CD/Manual Package:
A full recording of this seminar is available for $289, which includes shipping and handling. This learning method does not qualify for the continuing education credit for Ohio architects or engineers. Please allow five weeks from the seminar date for delivery.

International Mechanical Code
• International Mechanical Code Background and Application
  Thurs., Feb. 15, 2018, 11:00 AM - 12:30 PM CST
  Chapters 2-8: Definitions, Regulations and Ventilation
  Thurs., Feb. 15, 2018, 1:00 - 3:00 PM CST
  Chapters 6-10: Ventilation, Appliances and Equipment
  Fri., Feb. 16, 2018, 11:00 AM - 1:00 PM CST
  Chapters 11-15: Refrigeration, Piping and Appendixes
  Fri., Feb. 16, 2018, 1:30 - 3:00 PM CST

NFPA 70E
• NFPA 70E, Part I
  Thurs., Feb. 8, 2018, 11:00 AM - 3:50 PM CST
• NFPA 70E, Part II
  Fri., Feb. 9, 2018, 11:00 AM - 3:50 PM CST

For more information visit: www.halfmoonseminars.org/webinars/

Additional Learning

Registration
Passive House: Planning and Design
Middleburg Heights, OH - Thursday, March 22, 2018

International Mechanical Code

Additional Registrants:
I am not attending. Please send me the CD manual package for $289.00.
(S&H included. Please allow five weeks from seminar date for delivery)

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