

# Building Enclosure Testing (BET) Seminar

September 24-25, 2020

Gaithersburg, MD

## This Seminar is Designed for:

- Any professional looking to become familiar with building enclosure testing
- Architects, engineers, building commissioning agents
- Building owners, operators and facility maintenance/management personnel
- Building facility, building auditors and safety professionals
- Energy auditors
- Technicians and managers experienced in building enclosure testing who are seeking to become certified in this discipline.

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## Location:

**NEBB TEC**

8575 Grovemont Circle

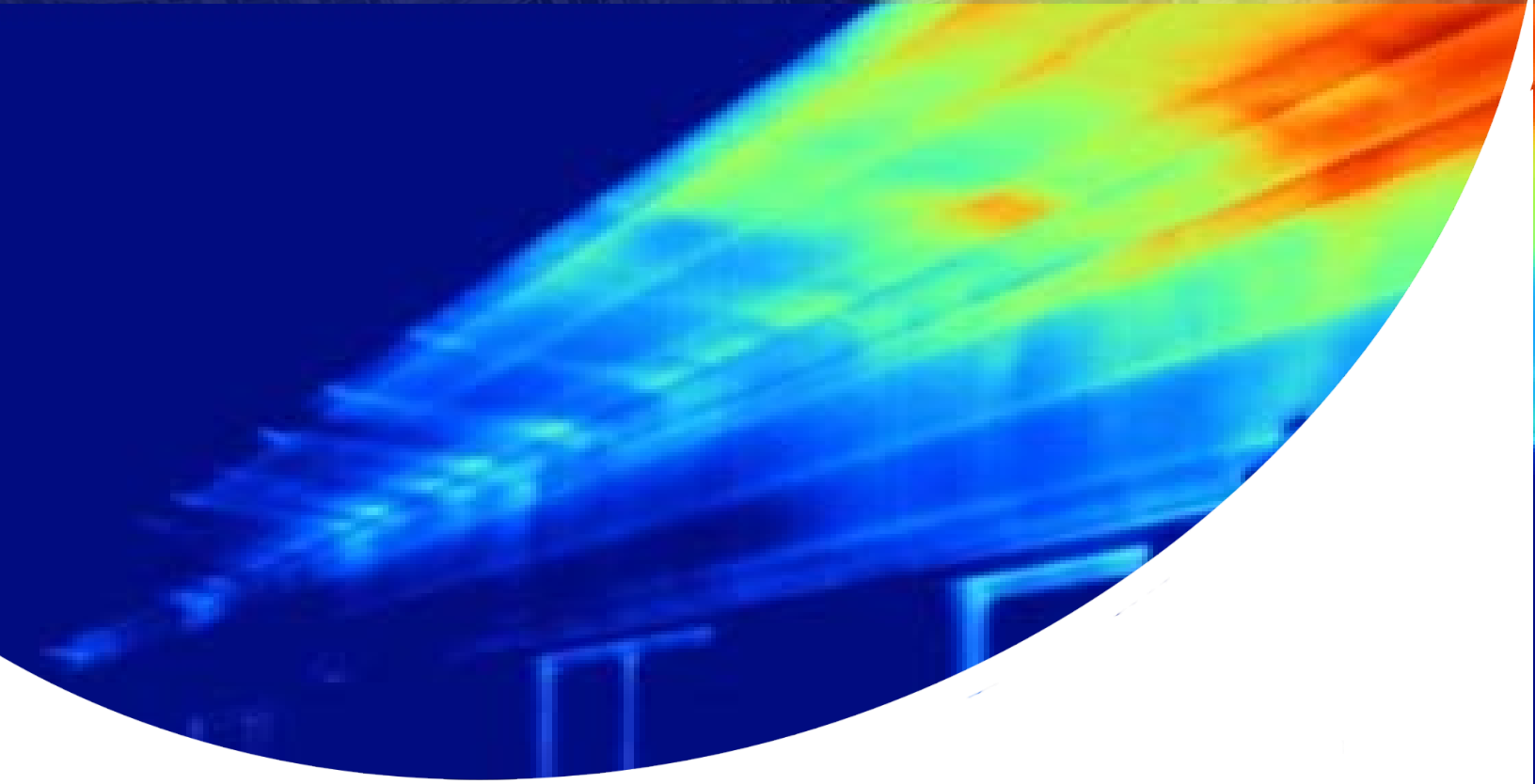
Gaithersburg, MD 20877

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Registration Deadline:

**September 11, 2020**





## Seminar Instructors:



### Phil Emory

Former chairman of NEBB's BET Committee. Phil Emory is a graduate of Montana State University in Mechanical Engineering and is the Senior Project Manager for Neudorfer Engineers. He has been involved in the Washington State Engineering and Construction industry since 1985. His experience includes Mechanical Design, Mechanical Construction, Test & Balance, Air Barrier Testing and is an ASTN Level II Thermographer. He served on the ABBA Whole Building Tightness Committee and is co-author of the *NEBB BET Procedural Standard*.



8575 Grovemont Circle, Gaithersburg, Maryland 20877

Phone: 301.977.3698 | Fax: 301.977.9589 | Email: [training@nebb.org](mailto:training@nebb.org)



## About This Seminar:

**Building Enclosure Testing (BET) is an important and growing field in our industry. It addresses a distinct need within the building and construction industry - the ability to test and quantitatively and qualitatively report the performance of the airtightness of today's building enclosures.**

BET is a process involving evaluation, verification and documentation that a building's design and construction meet defined performance expectations. In addition to fewer water leakage/mold issues for both new construction and renovation projects, BET results in better building energy performance through improved thermal performance and decreased air leakage issues.

### Learning Objectives

This two-day seminar provides Attendees with an overview of building enclosure testing concepts including:

- Discussions of air barrier enclosures from design to material selection and installation.
- Review of various testing methods and procedures currently specified and their correct application.
- Basic operation of the blower door equipment, respective applications and features will be presented.
- How to analyze and trouble shoot enclosure test issues.
- Trouble shooting air barrier leakage issues and problem resolution focusing on the use of thermal imaging

*This Seminar has been approved for 14.50 Continued Education Credits*





## Seminar Schedule:

If you are interested in certification and/or taking the exams, please contact [certification@nebb.org](mailto:certification@nebb.org)

### Thursday, September 24, 2020

(7.25 CECs)

07:30 am – 07:45 am:	Registration
07:45 am – 08:00 am:	Welcome, Announcements, Housekeeping
08:00 am – 10:30 am:	Instruction
10:30 am – 10:45 am:	Morning Break
10:45 am – 12:00 pm:	Instruction
12:00 pm – 13:00 pm:	Lunch
13:00 pm – 15:00 pm:	Instruction
15:00 pm – 15:15 pm:	Afternoon Break
15:15 pm – 17:00 pm:	Instruction

*Lunch will be provided*

### Friday, September 25, 2020

(7.25 CECs)

07:30 am – 07:45 am:	Registration
07:45 am – 08:00 am:	Welcome, Announcements, Housekeeping
08:00 am – 10:30 am:	Instruction
10:30 am – 10:45 am:	Morning Break
10:45 am – 12:00 pm:	Instruction
12:00 pm – 13:00 pm:	Lunch
13:00 pm – 15:00 pm:	Instruction
15:00 pm – 15:15 pm:	Afternoon Break
15:15 pm – 17:00 pm:	Instruction

*Lunch will be provided*

### Saturday, September 26, 2020

Optional Exam Day

## Travel Information:

We recommend all attendees that are unfamiliar with the seminar location or require travel from another location review the following information prior to registering for this seminar.

### Hotels:

Attendees can reservations directly with the hotel of their choice. Below is a short list of hotels near the training center. Hotel and transportation costs are not covered by the seminar registration fee.

#### Homewood Suites Gaithersburg

805 Russell Ave  
Gaithersburg, MD 20879  
301-670-0008

[Booking Link](#)

#### Hilton Garden Inn & Homewood Suites by Hilton Rockville, MD

14975 Shady Grove Rd  
Rockville, MD 20850  
240-507-1900

[Booking Link](#)

### Airport:

Three airports service the Maryland/Washington Metropolitan area:

#### Ronald Reagan Washington National Airport (DCA):

30 miles from facility; 37 minutes average drive time; \$80 average taxi fare.

**Dulles International Airport (IAD):** 33 miles from facility; 34 minutes average drive time; \$80 average taxi fare.

#### Baltimore/Washington International Airport (BWI):

40 miles from facility; 44 minutes average drive time; \$100 average taxi fare.

## Important Dates and Times:

#### Arrival in Gaithersburg, MD

Wednesday, September 23, 2020

#### Seminar Dates:

Thursday-Friday, September 24-25, 2020

#### Optional BET CP Paper-based Exam

Saturday, September 26, 2020

## Seminar Location:

NEBB TEC

8575 Grovemont Circle  
Gaithersburg, MD 20877

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# NEBB BET SEMINAR REGISTRATION FORM

**Registration form and payment must reach the NEBB office on or before September 11, 2020.**

Pre-registration and payment of fees are necessary to ensure your participation in the seminar.

Three ways to register:

1. Online through the [Certelligence Portal](#)
2. Email this form to [training@nebb.org](mailto:training@nebb.org), or
3. Mail this form to: NEBB, 8575 Grovemont Circle, Gaithersburg, MD 20877.

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

City, State, Zip: \_\_\_\_\_

Phone/Cell: \_\_\_\_\_

Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Chapter: \_\_\_\_\_

Please list any dietary restrictions:

\_\_\_\_\_

## Seminar Fees (Check all that apply)

\$800 Seminar Registration Fee

## Publication Fees

\$95 NEBB Procedural Standard for Building

Enclosure Testing

(Please indicate preference: hard copy or electronic)

## Payment Method

Check enclosed made payable to NEBB

Visa  MasterCard  American Express

Name on Card \_\_\_\_\_

CC Number \_\_\_\_\_

Expiration Date \_\_\_\_\_

Security Code \_\_\_\_\_

Signature \_\_\_\_\_

\$\_\_\_\_\_ **Total Amount Paid**

*\*Prices for publications do not include shipping and handling*

**Cancellation Policy:** Cancellation by registrants, regardless of reason, will be subject to a \$250 service charge to cover NEBB's expenses. A refund of the prepaid registration will be made less the \$250 service charge. No Shows or late cancellations (those who registered for the seminar who do not cancel at least 14 days prior to the seminar and subsequently do not attend the course) will forfeit the entire registration fee unless a replacement can be found. NEBB reserves the right to cancel any seminars having insufficient registrants, in which case, all prepaid registration fees will be refunded in full. Please advise NEBB and your hotel of your cancellation as soon as possible.





## Recommended Publications:

To achieve the best learning results, it is highly recommended that attendees **read the following publications BEFORE** attending the seminar:

- *\*ASTM Standard E 779-10*
- *\*ASTM Standard E 1827-11*
- *ASHRAE Standard 90.1-2016*
- *NEBB Procedural Standards for Building Enclosure Testing, 2nd Edition*
- *NEBB TAB Testing Manual for Technicians, ASHRAE 90.1-2016*
- *NEBB TAB Testing Manual for Technicians*
- *\*\*USACE Air Leakage Test Protocol for Building Envelopes, Version 3*

*\*The ASTM Standards can be purchased directly from ASTM (American Society of Testing Methods).*

*\*\*The USACE Protocol is a free download PDF that can be obtained by searching the name of the document and downloading for the Corp of Engineers website.*

Instructor assumes that all attendees have a thorough working knowledge of the requirements of these NEBB publications prior to attending the seminar. Publications can be purchased online at [www.nebb.org](http://www.nebb.org).

## Important Reminders:

1. Registrations will be filled on a “first come-first served” basis.
2. Seminar fees include course instruction, lunch, am/pm breaks provided Monday – Tuesday
3. **Seminar fees do not include anything pertaining to certification. For information on certification or exams please contact [certification@nebb.org](mailto:certification@nebb.org).**



## Questions About This Seminar?

Call 301-977-3698 or email [training@nebb.org](mailto:training@nebb.org)