

# Building Enclosure Testing (BET) Seminar

June 10-12, 2024

## 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:

**Robert B. Gawne NEBB Training and Education Center**  
8575 Grovemont Circle  
Gaithersburg, MD 20877

**Registration Deadline:**  
**May 10, 2024**



## Seminar Instructor:



**Phil Emory**

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 and Balance, Air Barrier Testing, and is an ASTN Level II Thermographer. Phil has tested over 300 buildings with over eight million square feet of envelope. He served on the ABBA Whole Building Testness Committee and is co-authors of the NEBB BET Prodecural Standard.

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## 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

- Discussion 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 troubleshoot enclosure test issues
- Troubleshooting air barrier leakage issues and problem resolution focusing on the use of thermal

This Seminar has been approved for  
21.75 Continued Education Credits



## Monday, June 10, 2024

(7.25 CECs)

**7:30 am:** Registration

**8:00 am – 5:00 pm:** Instruction

## Tuesday, June 11, 2024

(7.25 CECs)

**8:00 am – 5:00 pm:** Differential Pressures, Airflows, and Safety Documentation (Lunch provided)

## Wednesday, June 12, 2024

(7.25 CECs)

**8:00 am – 12:00 pm:** Hands-on Training - Various Testing Methods (Lunch provided)

## Thursday, June 13, 2024

Optional Exam Day

Registration starts at 7:30 am



## Travel information:

**Registration form and payment must reach the NEBB office on or before May 10, 2024.  
Pre-registration and payment of fees are necessary to ensure your participation in the seminar.**

### Hotels:

Attendees can make reservations directly with the hotel of their choice. Below is a short list of hotels in close proximity to 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, MC

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

[Booking Link](#)

### Airport:

**Ronald Reagan Washington National Airport (DCA):** 30 miles from the facility, 37 minutes average drive time; \$80 average taxi fare.

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

**Baltimore/ Washington International Airport (BWI):** 40 miles from the facility, 44 minutes average drive time; \$100 average taxi fare.

## Important Dates and Times:

### Arrival in Gaithersburg, MD

Sunday, June 09, 2024

### Seminar Dates:

Monday - Wednesday, June 10 - 13, 2024

### Optional BET CP Paper-based Exam

Thursday, June 14, 2024

## Seminar Location:

### The Robert B. Gawne NEBB Training and Education Center

8575 Grovemont Circle  
Gaithersburg, MD 20877

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# NEBB June BET SEMINAR REGISTRATION FORM

**Registration form and payment must reach the NEBB office on or before May 10, 2024.**

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

## Registration form and payment

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: \_\_\_\_\_

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

Please list any dietary restrictions and or ADA accommodations:

### Seminar Fees (Check all that apply)

- \$1,200 Seminar Registration Fee  
(Does not include candidacy application or exam fees)

### Publication Fees

- \$95 NEBB/ \$125 Non-NEBB: NEBB Procedural Standard (Please indicate preference: hard copy or electronic)

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

### Optional Exam Opportunity:

Please check the box below. If interested, please email [certification@nebb.org](mailto:certification@nebb.org) for the candidacy application process. Pre-approval and payment are required before the deadline.

- Yes, interested in taking the exam
- No, not interested in taking the exam

### Payment Method

- Check enclosed made payable to NEBB
- Visa  MasterCard  American Express

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

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

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

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

Signature \_\_\_\_\_

\$\_\_\_\_\_ Total Amount Due

Note: Any candidacy or exam fees will be invoiced separately.

## Location

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.

## Attendee and Seminar Requirements:

### Recommended Publications:

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

- \*ASTM Standard E 779-10
- \*ASTM E 118-03
- \*ASTM Standard E 1827-11
- ASHRAE Standard 90.1 - 2016
- NEBB Procedural Standards for Building Enclosure Testing, 2nd Edition
- NEBB TAB 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 Engineer's Website.

The instructor assumes that all attendees have a thorough working knowledge of the requirements of these NEBB publications prior to attending the seminar.

### Important Reminders:

1. Registrations will be filled on a "first come-first served" basis.
2. Seminar fees include course instruction, lunch, am/pm breaks.
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)



## Our COVID-19 Response Plan

Considering COVID-19, NEBB has taken several proactive steps to help ensure the health and safety of our attendees and instructors. Precautions such as constant sanitization of the seminar area, increased attention to high-touch areas in the rooms, limits on the number of attendees during the seminar, and protective gear for our instructors are in place. NEBB also will be practicing social distancing and maintaining 6 feet apart.

### Our COVID-19 Response Plan

- If you are experiencing any symptoms of COVID-19 like running a fever, coughing, or shortness of breath, please do not attend the seminar.
- You have been exposed to someone who has tested positive for COVID-19 in the last 14 days.
- You have a compromised immune system or are considered “high risk.”
- Wearing a mask is requested during the seminar and gloves can be worn if desired.
- Sanitize hands prior to entering the seminar location.
- Avoid shaking hands or engaging in any unnecessary physical contact.
- Signing a waiver prior to the seminar

