

# Fume Hood Performance Testing (FHT) Seminar

September 23-24, 2025

## This Seminar is Designed For

- Biosafety professionals
- Laboratory Managers
- Industrial hygienists
- Researchers and fume hoods
- Others with a strong background in fume hood work who consider an extensive review in a classroom setting will enhance their technical education
- Individuals who are gathering information about the testing procedures performance by NEBB Certified Professionals to assist in the preparation of testing criteria and the auditing of Fume Hood Performance Testing. No previous knowledge or equipment is necessary to attend the seminar
- Individuals who want a refresher course before taking the NEBB FHT Certified Professional exams
- Business Owner/ Executives who are considering the opportunities available for expanding into the fume hood testing market

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## Location

**Labconco**  
8111 Prospect Avenue  
Kansas City, MO 64132

Registration Deadline: **August 22, 2025**



**September 23-24, 2025**



**Bohdan (Don) Fedyk**

Don has over 35 years of experience in design, application, and verification of HVAC laboratory systems and containment. He is a member of both the ASHRAE SPC 110 and NEBB FHT Committees and is a NEBB Certified Professional in multiple disciplines: FHT, TAB, BSC, and S&V.



**Erik Pfarr**

Erik is the Vice President of Operations for Technical Balance. He is a NEBB Certified Professional in Cleanroom and Fume Hoods and holds accreditations in TAB, NFS49, and CETA Sterile Compounding Facilities.

## About This Seminar

Chemical fume hoods are one of the most important items of safety equipment present within the laboratory. It is vitally important they are properly used and maintained. Chemical fume hoods serve to control the accumulation of toxic, flammable, and offensive vapors by preventing their escape into the laboratory atmosphere. Fume hoods provide physical isolation and containment of chemicals and their reactions, thus serving as a protective barrier between laboratory personnel and the chemical or chemical process within the fume hood. Chemical fume hoods are an important means of protecting personnel from chemical exposure and ensuring compliance with OSHA and other mandated EH&S regulations.

The seminar will provide attendees with an overview of laboratory HVAC concepts, including discussions of environmental safety enclosures, such as fume hoods, biosafety cabinets, and other containment enclosures. Instructors will review various HVAC systems currently employed in laboratory design. The basic operation of fume hoods and other containment enclosures and their respective applications and features will be presented. The NEBB Procedural Standard for Fume Hood Performance Testing will be reviewed with emphasis on the requirements for NEBB Firm certification, NEBB Certified Professional certification, instrumentation, as well as reporting and testing requirements. Detailed presentation will be provided for the three primary fume hood performance tests: Airflow Velocity Tests, Airflow Airflow Velocity Tests, Airflow Visualization Tests, and Tracer Gas Containment Tests. Instructors will also provide hands-on demonstrations of these performance tests. Proper testing procedures will be emphasized, along with reporting requirements and the evaluation of test results.

## **Tuesday, September 23, 2025**

**(6.5 CECs)**

**7:30 am:** Registration

**8:00 am – 5:00 pm:** Introduction to Fume Hood Performance Testing, HVAC Basics, Fume Hood Types, Fume Hoods Vs Bio-safety, Cabinets, Safety and Protocol, Overview of Testing Requirements, Review of FHT Protocol, Airflow Velocity Testing and Hands-on Demonstration (Lunch provided)

## **Wednesday, September 24, 2025**

**(5.5 CECs)**

**8:00 am – 5:00 pm:** Airflow Visualization Testing and Hands-On Demonstration, Tracer Gas Containment Testing and Hands-On Demonstration, Reporting, and Seminar Review Session (Lunch provided)

## **Thursday, September 25, 2025**

**8:00 am - 11:00 am:** FHT Written Exam

**11:30 am – 6:00 pm:** FHT Practical Exams

## **Friday, September 26, 2025**

**7:00 am - 6:00 pm:** FHT Practical Exams



## 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 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.

#### **Hampton Inn & Suites Kansas City Country Club Plaza**

4600 Summitt  
Kansas City, MO  
816.448.4600

#### **Sheraton Suites Country Club Plaza**

770 W 47th Street  
Kansas City, MO  
816.931.4400

#### **Marriott-Kansas City Plaza**

4445 Main Street  
Kansas City, MO  
816.531.3000

### Airport

#### **Kansas City International Airport (MCI):**

30 miles from the facility; 42 minutes average drive time; \$74 average taxi fare.

### Important Dates and Times:

#### **Arrival in Kansas City, MO**

Monday, September 22, 2025

#### **Seminar Dates**

Tuesday-Wednesday, September 23-24, 2025

#### **Optional FHT Written Exam & Practical Exam**

Thursday-Friday, September 25-26, 2025

### Seminar Location:

#### **Labconco**

8111 Prospect Avenue  
Kansas City, MO 64132

# NEBB SEPT. FHT SEMINAR REGISTRATION

**Registration form and payment must reach the NEBB office on or before August 22, 2025.**

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

## Register Online

1. Log into your [Certelligence](#) portal
2. Scroll down to “My Events”
3. Select your desired seminar and complete the registration

## Seminar Fees

\$1400 FHT Seminar Registration Fee (Does not include candidacy application or exam fees)

## Publication Fees

- \$95 NEBB/ \$125 Non-NEBB: Procedural Standard for Fume Hood Performance Testing - 2016

## Optional Exam Opportunity

If you are interested in testing after the seminar, please email [certification@nebb.org](mailto:certification@nebb.org) for the candidacy application material. **Pre-approval and payment are required before August 8th.**

## 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.

## Attendee and Seminar Requirements:

### Recommended Publications:

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

- NEBB Procedural Standards for Fume Hood Performance Testing - 2nd Edition
- ANSI/ ASHRAE 110 - 2016 Methods of testing Performance of Laboratory Fume Hoods
- ANSI/ AIHA Z 9.5 - 2012 Laboratory Ventilation
- NEBB Environmental Systems Technology
- 2019 Procedural Standard for TAB of Environmental Systems - 9th Edition
- TAB Manual for Technicians, 2021
- ASHRAE Handbook: HVAC Applications, Chapter 16, Laboratories
- BoK Approved 2018/09/04, v.12

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

### Other:

1. Registrations will be filled on a “first come-first served” basis. Please note that class sizes are limited due to Covid Social Distancing Protocol.
2. Seminar fees include course instruction, lunch, am/pm breaks.
3. Seminar fees do not include anything pertaining to certification.
4. For information on certification or exams please contact [certification@nebb.org](mailto:certification@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.

- **We ask that you**
  - 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
  
- **Please stay home 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”

