

Capital-MarVa International NEBB

2025 Chapter Recertification Seminar & Business Meeting



The Technical & Education Committees of Capital-MarVa invite you to attend our 2025 Annual Recertification Seminar on

Friday, June 6, 2025

Fredericksburg Conference Center

Phone: 540-548-5555

2371 Carl D. Silver Parkway

Fredericksburg, VA 22401

www.fredericksburgconventioncenter.com



DRESS CODE

Business casual

REGISTRATION FEES

The first Certified Professional employed by each Capital-MarVa Member firm attends at **no charge**; each additional Certified Professional employed by the same Capital-MarVa Member firm will be charged **\$85.00**.

Certified Technicians employed by a Capital-MarVa Member firm - **\$85.00**

Certified Professionals or Certified Technicians not employed by a Capital-MarVa Member firm - **\$170.00**

SCHEDULE ...

06:45 a.m. – 07:30 a.m.	Breakfast/Registration
07:30 a.m. – 08:00 a.m.	Welcome/Chapter Membership Meeting
08:00 a.m. – 09:00 a.m.	NEBB Update
09:00 a.m. – 10:00 a.m.	The Science behind Flow Hydraulics
10:00 a.m. – 10:15 a.m.	Break
10:15 a.m. – 11:45 a.m.	Enhanced Outdoor Airflow Measurement
11:45 a.m. – 12:45 p.m.	Lunch
12:45 p.m. – 02:15 p.m.	Humidity - an Art or Science
02:15 p.m. – 02:30 p.m.	Break
02:30 p.m. – 03:30 p.m.	Past Presidents Panel
03:30 p.m. – 04:00 p.m.	Q&A, closing comments

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EDUCATION TOPICS ...

- **The Science Behind Flow Hydraulics** – Brent Baird, Instruments Direct, Inc.
 - Explore the dynamic field of flow hydraulics in this enlightening and entertaining session tailored for HVAC, TAB, and Commissioning professionals. Delve into historical and modern applications, science and foundational theories from Reynolds, Bernoulli, Pascal, Parshall and Manning, among others to optimize your hydronic system.
- **Enhanced Outdoor Airflow Measurement Improves Buildings** – Josh Renegar, Engineered Sales Corporation (ESC)
 - Management and control of outdoor air is important not only for the building occupants, but for the buildings as well. This course will cover industry updates to outside airflow measurement, factors affecting outside airflow measurement, technology comparisons, and best practices as a TAB professional. This presentation will also discuss “best practices” approach to measurement, calibration, and verification of outdoor air intake flow rates.
- **Humidity an Art or a Science** – Juan E. Alfonzo Reyes, Caribbean Engineering and Technologies (CARENTEC)
 - In this presentation attendees will understand the natural behavior of Humidity and the History of Science. They will learn the concepts and engineering used in the available HVAC technologies. Through this presentation the audience will enhance their knowledge of the processes used to control the humidity in the air, preventable scenarios in the field, and how to perform forensic troubleshooting.
- **Past Presidents’ Panel Discussion**
 - Capital-MarVa International is home to 8 Past President’s for NEBB. This segment will offer a unique perspective on the evolution of NEBB. Hear as they share insights, lessons learned, and their vision for the future of the organization. This is your time to ask questions on topics including technical issues, the evolution of NEBB, procedural standards, NEBB regulations, instrument & discipline requirements, growing your business, CT & CP training and so much more. Learn from our Legacy Leaders and help keep Capital-MarVa on the front line of NEBB.

SPEAKER BIOS ...

- **BRENT BAIRD** has 40 years of experience in ultrasonic flow meter technology. In addition, he is a dynamic entrepreneur with a proven track record of building successful businesses. As the owner of Instruments Direct, Inc., Brent has established himself as a respected leader who pioneers innovative solutions for his clients and partners. He is also a highly sought-after speaker, author, video producer, and YouTuber, known for his engaging storytelling and entertaining style.
- **Josh Renegar** has over a decade of experience in the HVAC industry, he has built a diverse career as an application engineer, sales engineer, and divisional manager. Currently, as Vice President of Engineered Sales Corporation (ESC), Josh leverages his expertise to drive innovation and excellence in the HVAC sector. ESC is dedicated to advancing industry standards by educating the market on the critical importance of HVAC instrumentation such as precise airflow measurement, water flow, gas flow, and BTU metering instrumentation.
- **JUAN E. ALFONZO REYES, PE, MEM** has 38 years of experience in Design, Construction, Start-Up, Commissioning and Certification of HVAC System for Cleanrooms in the Pharmaceutical, Medical Devices, Healthcare and Commercial Facilities. In 1998 he started Caribbean Engineering and Technologies, Inc. "CARENTEC". He is NEBB certified in TAB, CPT and BSC. During the last 26 years, he has provided HVAC Systems Consulting and required Operational Services for Pharmaceutical, Medical Devices, Healthcare and Commercial Industries.
- **PAST NEBB PRESIDENTS** – Our panel will be represented by (6) of our past Chapter Presidents including:
 - 1993 Mike Margolis, Retired Comfort Controls
 - 2013 Stan Fleischer, Seneca Balance of MD
 - 2015 Jim Huber, Complete Commissioning
 - 2017 Jim Kelleher, Seneca Balance of MD
 - 2022 Jon Sheppard, Integra Testing Services - VA
 - 2024 Luis Chinchilla, OPIA

LAPTOPS AND TABLETS ...

Laptops and/or tablets will not be permitted in the seminar room. Thank you in advance for your understanding.

LODGING ...

You are responsible for making your own reservations. There is not a hotel onsite, however there are several hotels very close to the event space.

- ❖ Homewood Suites by Hilton - 540-786-9700
- ❖ Hampton Inn & Suites - 540-786-5530
- ❖ Hilton Garden Inn - 540-548-8822