President’s Message

Are you ready for our upcoming Recertification meeting? I am looking forward to the training Sargon, our Education Chair, has put together and know this is going to be a great event! I want to thank Sargon and the rest of the current board for participating in this organization and spending their time working to keep our Chapter strong and vibrant. Their hours and time spent does not go unnoticed. Thank you! With that being said, we desperately need more volunteers. I probably sound like a broken record but we are still in need of another name for our upcoming board ballot. I will be discussing this further while we are in Napa but wanted to get your mind thinking about it now. I googled, why do people volunteer? Below is what I found. Take a look and consider helping our Chapter by throwing your name in the hat. We can really use you!

Benefits of volunteering:
Gain confidence. ...
Make a difference. ...
Meet people. volunteering can help you meet different kinds of people and make new friends. ...
Be part of a community. ...
Learn new skills. ...
Take on a challenge. ...
Have fun!

On another note, Audrey has reached out to you and is looking for a Chapter Marketing Liaison to be part of NEBB’s Marketing Committee. This would be a national level position and gives you the opportunity to participate on a NEBB National Committee. What better way to promote your company and help NEBB at the same time. Reach out to Audrey or myself if you would like more information. Time for this position would be limited so do not hesitate. Help our Chapter have a voice!

Amber Ryman
NorCal Hawaii NEBB Chapter President.
2019 RECERTIFICATION REQUIREMENTS

NEBB has approved new instrument requirements, effective January 1, 2020 meaning all firms that are due to recertify are required to meet these new requirements.

In addition, the new TAB Procedural Standard has been released and every firm recertifying in TAB will need to upload a copy of the front page or receipt to show ownership.

The BSC and RCx standards are also updated, but because the changes between the versions were minor and didn’t affect the content, NEBB will accept the following versions for this recertification period:

**BSC:**
S110-2018 – Whole Building Technical Commissioning of New Construction

**RCx:**

WHAT ARE YOU WAITING FOR?
GET YOUR PRODUCT OUT THERE AND ADVERTISE

INTERESTED IN ADVERTISING WITH US? CONTACT US TODAY FOR MORE INFO AT:
akearns@nocalhawaiinebb.org
Electronic NEBB Stamps and Certificates

New This Year!

Firms and individuals will be receiving an electronic version of their certificates and stamps that can be accessed from their online profile, once all recertification requirements have been met.
YOUR COMPLETE SUITE OF HVAC & IAQ EQUIPMENT

TSI is your one-stop-shop for ventilation and indoor air quality instrumentation. Simplify your equipment portfolio while working with the most accurate instruments available on the market today.

TSI offers a full line of:
+ Capture Hoods
+ Micromanometers
+ Hydronic Manometers
+ Velocity Meters
+ Thermal Anemometers
+ Indoor Air Quality Monitors

To learn more, visit tsi.com/comfort
NEBB Firm Recertification Process and Procedures:
Verification of ownership and current calibration of all NEBB-required instruments is mandatory every two years. If your firm’s current certificate and stamp expiration date reads March 31, 2020, your firm is due to recertify. Online recertification opens August 1, 2019.

If your firm is due to recertify, the firm’s online submission is required to be approved by the chapter and forwarded to NEBB by December 31, 2019 by following the instructions below.

1. Have all necessary instruments (including newly purchased ones) properly calibrated for each discipline that your firm holds NEBB Certification prior to completing the online recertification.
   A. For any submission of an instrument not currently not on the approved drop-down list, firms must submit adequate manufacturer’s documentation indicating compliance with parameters set-forth in the most current edition of the Procedural Standard for that discipline.
   B. Upload the complete current calibration, all sheets, for each instrument for review and approval.
2. You will need to supply proof of ownership of the current edition of the Procedural Standard for all disciplines that your firm is recertifying. Please upload a photocopy of the cover or a copy of the purchase invoice.
3. The chapter has the right to request a picture of any instrument to be uploaded behind the calibration sheet to help with the review. A chapter may request pictures of device that do not require calibration.
4. Please remember that any documentation submitted incorrectly or found incomplete will result in further delays and late fees.
5. If the firm submission is pulled for NEBB audit, pictures and calibration sheets must be provided to the NEBB upon request for review.

Firm Instrument Calibration Dates Guidelines:
Calibration for the instruments must be valid for 90 days beyond the day the firm submits to the chapter.

Recertification Guidelines and Deadlines:
Chapter approved firm recertification submissions are due to NEBB by December 31 (OP 2.4.1). Failure to submit the chapter approved firm recertification to NEBB by December 31 will result in delays in the turnaround process and the NEBB Certified Firm may not receive the new stamp(s) and certificate(s) before their current ones expire on March 31.

Submissions received after December 31 will be subject to the following:
1. Submissions received by NEBB on or after January 1 will result in a $150 late fee being automatically assessed to the firm.
2. Submissions received by NEBB on or after February 1 will result in a $250 late fee being on automatically assessed to the firm.
3. Submissions received by NEBB on or after March 1 will result in a $350 late fee being automatically assessed to the firm.
4. Submissions received by NEBB on or after April 1 will result in automatic suspension of the firm certification (NEBB OP 4.5.2) as well as a $1000 reinstatement fee automatically being assessed to the firm.

All late fees will need to be satisfied before NEBB can process the submission for recertification. If NEBB does not receive the approved submission and any NEBB late fees or the reinstatement fee before June 30, 2020 the NEBB Certified Firm will be automatically be decertified (OP 4.6.1) and must wait 12 months to be eligible to reapply for certification.

DID YOU KNOW?

It is YOUR responsibility to know what is in our NEBB’s Governing Documents and to stay current with all information. To help you with this, a monthly “Did You Know” email with 1 pertinent bit of NEBB information will be sent out each month.

AUGUST’S “DID YOU KNOW?”

The NEBB Procedural Standard Ninth Edition-2019 for Testing Adjusting and Balancing (TAB) of Environmental Systems (Procedural Standard) is now available. NEBB Firms are required to own the latest version of a Procedural Standard to meet the requirements of firm recertification. This new standard (and all other standards) can be purchased online via the NEBB Bookstore. The NEBB price is $95.
GAITHERSBURG, MD, July 1, 2019 - The NEBB Procedural Standard Ninth Edition—2019 for Testing Adjusting and Balancing (TAB) of Environmental Systems (Procedural Standard) is now available. This procedural standard establishes a uniform and systematic set of criteria for the performance of TAB services on environmental and Heating, Ventilating and Air-Conditioning (HVAC) systems by NEBB Certified Firms.

Today's buildings provide highly controlled, sustainable energy efficient indoor environments. These buildings include very sophisticated mechanical systems created by a team of skilled professionals. A key member of this team is the NEBB Certified TAB Firm.

This standard and these procedures are intended as the minimum NEBB requirements that a NEBB Certified Firm must follow when performing TAB procedures. When contract documents do not specify details for Testing, Adjusting and Balancing, this procedural standard becomes the minimum standard to which a NEBB Certified TAB Report must meet. Conversely, contract documents may include more stringent requirements as necessary, in which NEBB Firms must meet this standard plus any additional, more stringent, requirements as dictated by the contract documents. This Procedural Standard has been carefully compiled and reviewed by the NEBB TAB Committee.

NEBB Firms are required to own the latest version of a Procedural Standard to meet the requirements of firm recertification. This new standard (and all other standards) can be purchased online via the NEBB Bookstore. The NEBB price is $95, while the Non-NEBB price is $125.

If you have any questions regarding purchasing, please email support@nebb.org

For more information or questions about this release, please contact Tiffany J. Suite, NEBB Executive Vice President at tiffany@nebb.org
WHAT DO YOU KNOW ABOUT TITLE 24?

DO YOU KNOW THAT NEBB IS AN APPROVED MECHANICAL ACCEPTANCE TEST TECHNICIAN CERTIFICATION PROVIDER?

WHAT IT IS

Mandated by the California Energy Commission, the Title 24 program states that only a mechanical Acceptance Test Technician (ATT) certified by a Certification Provider may perform testing for HVAC systems and controls when the mechanical equipment is required to meet specific energy efficient processes. This Building Energy Efficiency Standard applies to all newly constructed buildings, additions, and alterations.

Technicians have been required to perform acceptance testing for nonresidential buildings since the enforcement of the 2005 Building Energy Efficiency Standards, and have had the opportunity to become trained and certified in performing and documenting acceptance testing for lighting controls and mechanical systems for nonresidential buildings since 2013.

WHY IT MATTERS

- Once an Employer is Certified and has Certified Technicians, they may perform Title 24 testing for the forms in which they are Certified, meaning greater opportunities and potential work.

- Technicians that are not certified when the final date is announced will no longer be able to download the forms for completion. Inspectors will refuse all Non-Certified forms, in turn, holding up the final permitting process which is essential to building turnover and end-user occupation.

- Contractors that cannot submit Certified forms and are found to be holding up the Temporary Certificate of Occupancy can also face costly contract fees.

301. 977.3698  www.nebb.com
NORTHERN CALIFORNIA/HAWAII NEBB CHAPTER ANNUAL MEETING

FRIDAY, OCTOBER 4, 2019
7:30 A.M. TO 5:00 P.M.

RIVER TERRACE INN
NAPA
A NOBLE HOUSE HOTEL

River Terrace Inn
1600 Soscol Ave.
Napa, CA 94559

Contact Audrey Kearns at akearns@nocalhawaiinebb.org for registration information.
River Terrace Inn Napa

River Terrace Inn is proud to be a destination among an elite group of Napa Valley hotels. Awarded various accolades from almost every client review site, River Terrace Inn embodies the relaxed and casual ambiance of Napa with all the understated elegance and personalized service of Nobel House Hotels and Resorts. Located in the heart of downtown Napa along the Napa River, you can’t find a better location for everything Napa.

All hotel guests are welcome to enjoy an elevated, wine country continental breakfast, included in your room rate and served every morning. Also enjoy these resort amenities of valet parking, high-speed Wi-Fi, a taste of local Napa wine upon arrival, fitness center and in-room massages. Visit their website at www.riverterraceinn.com
This year's meeting will take place on Friday, October 4, 2019 from 7:30 a.m. to 5:00 p.m. at the River Terrace Inn in Napa, California. Registration is currently open and more information can be obtained by contacting Audrey Kearns, Chapter Coordinator at akearns@nocalhawaiinebb.org.

We have three exciting speakers lined up for the day. Our first speaker is Gus Faris who has over 50 years of experience in the air conditioning and air distribution business, 24 years with Nailor Industries, Inc. He is the Vice-President of Engineering for Nailor Industries with direct responsibility for product design and development, quality assurance, and field service. He will be presenting *Efficiency and Applications for Airside Equipment: Part 1*. This session will cover energy savings with ECM applications for terminal units and fan powered VAV terminal units. Specific control sequences will be discussed as well as new designs for dedicated outdoor air systems. The second session, *Efficiency and Applications for Airside Equipment: Part 2*, is a continuation of Part 1 and will include Sound and Noise in Occupied Spaces and Balancing Issues for Series Terminal units and Fan Coils.

Our second speaker is Brent Baird, founder of Noncontact Meters Inc, a manufacturer of Ultrasonic Flow Meters; and Instruments Direct, an engineering / distributor firm specializing in the development and distribution of Flow Meter technology, flow studies, sales, rental and service. With an endless effort to share his Flow Meter knowledge, you will find him hosting a Tech Review program and other educational and entertaining videos on YouTube, LinkedIn and other media. But that’s not all, you will find him manning the phones as a senior application engineer, presenting webinars or touring the country as a professional technical speaker.

Brent is a very popular technical, entertaining speaker and author. His presentations will focus on *Tools to Control Your Environment in the Bubble we all live in*. Let’s explore what effects our environment inside our bubble and why do we need to do anything about? He will review technology on how to define the problems and map out the trouble points.

Our last speaker is Melissa Olson, a District Sales Manager for Belimo. She focuses on application assistance and training for damper actuators and control valves for commercial HVAC systems. Prior to joining Belimo in 2014, Melissa spent 10 years in mechanical system design and control system design. Melissa
holds a Bachelor of Science in Mechanical Engineering from the University of California at Davis and is a LEED Accredited Professional. She is an active member of ASHRAE and CSHE. She will be presenting 2 talks, *Optimizing Performance to Save Energy and Improve Control*, the benefits of using pressure independent valves are vast, and technology continues to expand the scope of these benefits. In this course, you will learn how pressure independent valves can make your hydronic system more stable, easier to control and less expensive to operate. In addition, you will learn about the pressure independent valve technologies that are available in the marketplace. The last presentation will be *Evolution of the Control Valve*, In this course, we will explore why design and modeling data won’t always match a buildings actual performance. Pressure dependent, pressure independent, and advanced power control and delta T management strategies will be discussed.

**Chapter Meeting Vendors**

This year we have our Vendors back with us again. Without their support and participation at our Annual Chapter Recertification Meeting, we would not be able to present to you the wonderful speakers and venue that we do. We want to thank our Vendors for joining us again and hope that each participant takes the time to visit with them at our meeting.

Returning again as our vendors we have Jason Verbeeck, TSI, Inc., Dan O’Malley, Ameritech Data Solutions, Pete Secor, Evergreen Telemetry, Bob Kramer, Building Start, Brent Baird, Instruments Direct, and Jay Edmonds, Retrotec.
Effective on January 1, 2020, all Cleanroom Performance Testing (CPT) projects are required to have a Certified Technician performing testing.

Are you or your firm ready to satisfy this requirement?

For more information on NEBB’s CPT certification program, be it for the CPT CT or the CPT CP, please contact certification@nebb.org.

Please note: One must first complete the full certification process for the CPT CT certification before applying for the CPT CP certification.
YPN NETWORKING EVENT

On Friday, June 21st, Northern California/Hawaii NEBB Chapter held its second YPN Networking Event. The event was held at Drakes Barrel House in San Leandro.

Although we had a small crowd, it was a fun and enthusiastic crowd. Joining the fun was our Chapter’s YPN Liaison, Dave Galli with Carter Air Balance, our Chapter President, Amber Ryman with ACCO Engineering, Audrey Kearns, Chapter Coordinator and DanielWong, NEBB Certified Professional with Western Allied Mechanical.

We plan on holding our next event at the Chapter recertification meeting and hope you can all join us.

YPN Mission Statement

“Serving as a resource for young professionals to cultivate the growth of NEBB for generations to come.”
Northern California/Hawaii NEBB

Upcoming Events

BET SEMINAR
September 12-13, 2019
All Day Event
Mid-Atlantic EBA
Warminster, PA

Contact the NEBB Office to sign up or to receive more information at www.nebb.org

SOUND AND VIBRATION MEASUREMENT SEMINAR
September 30 - October 4, 2019
All Day Event
Total Dynamic Balance
Deerfield Beach, FL

Contact the NEBB Office to sign up or to receive more information at www.nebb.org

CLEANROOM PERFORMANCE TESTING SEMINAR
October 7-9 2019
All Day Event
NEBB TEC
Gaithersburg, MD

Contact the NEBB Office to sign up or to receive more information at www.nebb.org

NEBB WEBINARS AND EDUCATIONAL SEMINARS
For more Training and Educational seminars and Information,

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7100 Stevenson Blvd.
Fremont, CA 94538
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