The official magazine of NEBB®

2017 – Quarter 2

The NEBB Professional

COVER STORY: NEBB and ANSI from “A to Z”

- 2017 Annual Conference Chock Full of Education and Networking Opportunities
- The Right Tool for the Job: Proper Instruments Ensure Accuracy and Reduce Uncertainty
- They’re Young, Enthusiastic and Ready to Set the NEBB World on FIRE!
- New Fume Hood Performance Testing Standard Released
- Transferring to a New Employer? Test Your Knowledge!
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The views, opinions and conclusions expressed in this publication are those of the authors and do not necessarily reflect the official policy or position of NEBB.
President’s Message:
2017 Conference Hits the Mark with Education Opportunities and Volunteer Support

By: Jim Kelleher

We would like to extend our appreciation to all who participated in our 2017 conference in Orlando. NEBB put on quite an entertaining and informative education event this year. Our stay at the Hilton included excellent accommodations and a venue for our session attendees and exhibitors that couldn’t have been better. Selecting Disney Springs as the backdrop added local tourist attractions at our quick disposal when there were down-time opportunities. The event transpired as well as we had hoped and planned for. It can’t be said often enough just how fortunate we are for the support of our volunteers and staff who allow an event such as this to be so successful.

Conference attendees were greeted with awesome talent from the keynote speaker through the closing speaker and all the technical and business sessions in between. Our exhibitors were appreciated for their added value on technical progress in their respective areas of expertise. NEBB really does know how to put on an education event, all around, from top to bottom. There were so many people who passed along how enjoyable the sessions were I can hardly wait to see the great program being developed for our San Diego NEBB 2018 conference next April.

NEBB’s volunteer committees met in Orlando and what an impressive sight it is to see so much dedication given to an organization. These individuals work tirelessly to improve NEBB’s methods, message, and content for the various programs and disciplines. With such an inspiring amount of talent going into our activities it is no wonder the industry is always waiting to see what NEBB is doing next.

Speaking of what is happening next with NEBB, the NEBB board of directors announced the establishment of a training and education center in Gaithersburg, Maryland, adjacent to our current main office. This center will host education seminars, discipline technical presentations, and soon to follow hands-on training programs. We will be offering the hands-on opportunities for all of our technical disciplines so that firms will be able send employees for specific and dedicated training on what it means to test and analyze the NEBB way. Keep an eye out for notices of progress in The NEBB Professional and on our web site. I have no doubt you will want to take advantage of the programs we are developing.

The NEBB board of directors has also reviewed many other items concerning NEBB operations, our Certified Firms, and programs for the industry. One of the topics near and dear to all Certified Firms is the standardization of instrument requirements across disciplines. NEBB now has a single format instruments requirement matrix allowing cross discipline comparisons. This document will be posted on the web site, utilized in Certelligence, and inserted into individual discipline procedural standards. We hope the effort to simplify our varied instrument requirements will be met with much appreciation.

I want to thank all who participated in making our 2017 conference a truly special event. And I offer my gratitude and appreciation to all the volunteers who contribute at the highest levels in our industry for their valuable time and effort. NEBB thrives on its volunteerism!
Just like many of you, I returned from the 2017 NEBB Annual Conference – and what a conference it was! The level of energy in NEBB these days is palpable; from the incredible staff to the fantastic volunteers all the way to NEBB Certified Firms and Individuals, you can feel the energy and momentum in all of our programs and initiatives. One thing several of us heard from attendees is that there is still confusion among those who do not regularly attend the Annual Conference as to NEBB’s relationship with ANSI, and how it does (and doesn’t) affect NEBB. Many of NEBB’s ongoing initiatives actually have nothing to do with ANSI accreditation of some of our Standards or Certification programs; although some of the initiatives over the past several years have evolved through our association with ANSI. I hope this article will clear a lot of that up. I won’t hash over how and why our association with ANSI came to be. It’s a long story that started primarily with the development of NEBB’s CXPP program, and you can read all about it and the timeline here: http://www.nebb.org/magazine/2016-Q1/index.html#12.

Let me clarify what ANSI is and isn’t. ANSI is the American National Standards Institute. As noted on their website (www.ansi.org), ANSI oversees the creation, promulgation and use of thousands of norms and guidelines that directly impact businesses in nearly every sector: from acoustical devices to construction equipment, from dairy and livestock production to energy distribution, and many more. ANSI is also actively engaged in accreditation – assessing the competence of organizations determining conformance to standards. In other words, ANSI provides two distinctly different services. One is assisting with Standards development and the other is assisting with accreditation of certification programs.

Most people do not realize that ANSI is not a government agency, and does not have any regulatory authority to address complaints about products or services—including products or services that purport to comply with an American National Standard. That is not to say that ANSI is not heavily involved with the federal government. Staff in ANSI’s Washington D.C. headquarters takes the lead in maintaining key government relationships and monitoring public policy issues in the area of standards and conformity assessment. By doing so, ANSI serves as a conduit for information exchange between the public and private sector.

Many people are also surprised to learn ANSI does not develop standards, even though you often hear the phrase “ANSI Standard.” ANSI establishes the consensus procedures that are the basis for the development of American National Standards. ANSI then accredits standards developing organizations (like NEBB) that operate in accordance with these procedures, and approve their draft standards provided they are developed via the ANSI process. ANSI accredits standards developers to create standards. Presently, there are more than 220 ANSI-Accredited Standards Developers.
Another fact that people are surprised to learn: Just because an organization is an ANSI-Accredited Standards Developer does not mean that every (or any) Standard that organization develops must follow the ANSI requirements, nor does it preclude an organization from following those procedures on a standard that will not be accredited by ANSI. Similarly, just because an organization chooses to have a certification program ANSI/ISO/IEC 17024 accredited does not mean that every certification program that organization develops must follow the ANSI/ISO/IEC requirements, nor does it preclude an organization from following those procedures on a program that will not be accredited by ANSI/ISO/IEC.

One of the most basic tenets of NEBB Certification is that it is not simply enough to attend a seminar and take an exam to become certified. You must have working knowledge and experience in the discipline in which you seek certification, and our programs have always been structured to not only require that experience and knowledge, but also to require candidates to prove they possess both. Nothing in our programs has or will be changing in that respect, regardless of whether NEBB seeks ANSI accreditation of those programs or not.

Standards are certainly nothing new to NEBB. NEBB has always developed and maintained great Procedural Standards with some of the most stringent requirements in our disciplines. We did this by developing our procedures and standards with technical committees and volunteers made up of the best and brightest in our industries. So if we already have excellent standards, what is the benefit to NEBB and your customers in having our Standards ANSI approved? The fast and easy answer is that the industry – and a lot of our customers – is asking for it, and in some cases, demanding it.

For any organization to remain viable, the products or services it provides must remain relevant, needed, and state of the art. NEBB is not the only organization that provides Certifications or Procedural Standards, and more organizations seem to appear every year. This is happening because so many of the services our firms provide are being required in local and national building codes. As codes change, so too does the certification landscape. Often, local inspectors are left to determine whether or not the work was performed by a qualified individual. Many municipalities can’t employ enough inspectors anymore and have been forced to use third-party inspectors. While these inspectors might possess a high-level understanding of the services you provide, they can’t possibly be expected to know the nuances of what differentiates a NEBB Certified Firm from a firm or individual certified by another organization.

The truth is that there are organizations today that offer a seminar and a two-hour quiz to certify personnel with no experience, instrumentation, or even a procedural requirement by which to ensure the quality of services that individual will provide. You know it, I know it, and so do our customers. In fact, it isn’t just a code issue. Many private companies who purchase your services are in the same boat. They might receive a proposal from four different companies holding certification from four different bodies, and they have no means of knowing if those certifications are on par with one another (or why they aren’t). The industry needs a common reference point, and right now that reference point is ANSI.

Even though ANSI does not develop American National Standards, nor does it dictate what those standards must contain, it facilitates development by providing the structure within which standards can be developed and consensus can be achieved. ANSI approval of standards is an indication to the buyer or end-user that the principles of openness and due process have been followed in the approval procedure and that a consensus of those directly and materially affected by the standards has been achieved. That means the standard was not only developed by technical experts, but also the end-user and other interested parties. ANSI ensures that its guiding principles — consensus, due process, and openness — are followed by these standards developers through the process of accreditation. The process relies on the consensus body to ensure that the standard contains the necessary technical, educational, and procedural requirements. The process isn’t always perfect or without disagreement, but so far the results have been worth the effort. For those of you who provide retro-commissioning (EBCX) services, you’ll want to take a look at
ANSI/NEBB Standard S120-2016 – Technical Retro Commissioning of Existing Buildings. This is the only RCX Procedural Standard in the industry, and it does a fantastic job of illustrating the difference between “process” commissioning and true technical commissioning of existing buildings.

So what is the benefit to NEBB, NEBB Firms, NEBB Certified Individuals, our Chapters, or even our customers in having our Standards ANSI approved? The answer is simple:

- We now have a Standard the industry recognizes as being developed under the ANSI process. The industry might not understand every technical requirement contained in the Standard, but they understand that it was developed by a consensus body of experts, and as such is a Standard they can feel confident referencing in their specifications or RFP.

- We now have our customers assisting in the development of the Standard. If you are a buyer of RCX services, of course you are going to reference – and demand use of – the Standard that you helped to develop.

- We have a NEBB Standard that ensures the relevance of your certification in the industry and it likely makes that certification more desirable than it previously was.

- As NEBB Certifications are in higher demand, the desire for NEBB-Certified Firms increases. This increases the relevancy of NEBB Chapters.

- We now have a NEBB Standards Council to oversee the development of all of our Procedural Standards, whether they will be ANSI-approved or not. That means better standardization of how and when we develop or update those Standards, and better standardization of how those Standards are developed in that all NEBB Procedural Standards will now follow best practices.

- With the implementation of the Standards Council, the opportunity for participation and volunteerism in NEBB has grown while also freeing up the technical committees to devote more time to training and education.

Other ANSI Standards in development are:

- The draft of the Whole Building Technical Commissioning of New Buildings is in the approval process.

- An ANSI Project Initiation Notification System (PINS) announcement has been provided for the Cleanroom Performance Testing Procedural Standards.

- An ANSI PINS announcement has been provided for NEBB’s new Compounding Pharmacy Standards.

In addition to our Procedural Standards, NEBB is in the final process for ANSI/ISO/IEC 17024 accreditation as a certifying body for our CXPP (Commissioning Process Professional) program. ANSI currently administers two accreditation programs for personnel certification agencies such as NEBB. The first is based on International Standard ANSI/ISO/IEC 17024 and the second is for certification agencies that certify food protection managers. The process used by ANSI to accredit certification bodies is based on an international standard (ISO/IEC 17011 - Conformity assessment). Adherence to this internationally recognized accreditation process ensures that the ANSI process conforms to the highest accreditation standard and represents the best practices in accreditation. ANSI is the only personnel certification accreditation body in the United States to meet
The next phase after validation is task analysis. Through task analysis, each task is further analyzed and broken down into sequential operational steps. These steps describe exactly how to accomplish the task and should include the specific knowledge, skills, tools, and equipment needed to perform the task. The completed task analyses or body of knowledge become the foundation or outline from which the training and exams are developed. ANSI accreditation also includes requirements for exam structure, candidate feedback, and a very detailed appeal process. NEBB now offers many additional options to fulfill your continuing education requirements that were previously not allowed.

Other benefits of ANSI accreditation include:

- We will now have a process commissioning certification recognized by the Department of Energy through its Better Buildings Workforce Guidelines project. This program was developed in accordance with the Commissioning Professional Better Buildings Workforce Guidelines Certification Scheme to provide an ANSI-accredited program for NEBB Certified Individuals wishing to perform work on U.S. DOE or GSA projects referencing that requirement, while not impacting or diluting our existing commissioning programs.
- We have certification programs that are developed and updated in accordance with industry best practices, whether they are ANSI-accredited or not.
- We have improved access to continuing education for all NEBB-certified individuals.
- Representation of Certified Firms in their local chapter is still a requirement. Chapters now have more opportunities to provide local NEBB training either by hosting a seminar or providing refresher seminars with their own local subject matter experts.
- We have greatly expanded the opportunity for volunteers who wish to serve on the vast number of committees available.

As part of NEBB’s desire to respond to a changing market and industry, and improve all of our Standards and Programs, enhancements are continually being implemented. NEBB’s association with ANSI is an important tool in that process, but our ongoing incorporation of changing industry best practices and opportunities for increased participation is even more vital to our continued growth and expanding industry influence.
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NEBB’s 2017 Annual Conference in Orlando, Fla., was one of the association’s most successful events ever with top attendance numbers, loads of vendors and lots of learning and fun going on in between. The theme of the conference, held March 30-April 1, was The Science of Buildings: Operations Performance and Testing.

NEBB president Jim Kelleher opened the event on Thursday evening by welcoming all attendees and presenting highlights of NEBB activities in the past year. He also announced that “in keeping with our goal to further promote training and education the NEBB Board of Directors has authorized establishing a training center connected to the main office in Gaithersburg for hosting events. This location will provide many benefits and opportunities including first and foremost being at our own staffed office.”

Kelleher then introduced opening speaker Robert Stevenson who kicked off the event with his presentation “How the Best Get Better.” Stevenson shared his thoughts on how doing things the way you have always done them will not get you what you’ve always gotten.

The Get Acquainted Reception on Thursday evening was held poolside. Guests were entertained by the tropical guitar stylings of Eric Lagi and enjoyed a buffet featuring seafood, beef and a host of deserts and beverages.

The Exhibit Hall opened on Friday and vendors experienced lots of one-on-one time with attendees throughout the event, particularly during the Vendor-Hosted Reception that evening. The event’s platinum sponsor was TSI, Inc., conference gold sponsor was Dwyer Instruments, silver sponsor was Clipboard, and our two bronze sponsors were Instruments Direct, Inc. and Building Start.
The business of learning also began on Friday and ran through Saturday, featuring three educational tracks: BSC & TAB, CPT and IAQ, and Business. Session topics ranged from Applications of Life Safety Products in Air Systems to Acoustics Overview and Application and everything in between.

The conference’s education activities were concluded by a presentation by Ryan Jenkins who spoke about the Multi-Generation Workplace with an emphasis on the Millennial Generation.

Following the closing session, the big barrel with all the raffle entries come, ready for spins. Winners went home with prizes donated by conference exhibitors and sponsors ranging from a television to a CLC Tool backpack. The conference concluded with parting words from Jim Kelleher and an introduction of NEBB president-elect Don Hill, who will take office in October 2017.

The NEBB 20th Annual Golf Tournament

The NEBB 20th Annual Golf Tournament sponsored by TSI, Inc. was held at Disney’s Lake Buena Vista Golf Course. The winning team was comprised of (from left) Michael Peak, Rob Ratliff, Brian Keller, and Rick Farrington. They shot a 63.

Other special competition winners were:
- Closest to the Pin (Hole #2) Josue Rosario
- Closest to the Pin (Hole #7) Shelly Lester
- Closest to the Pin (Hole #12) Shannon Lester
- Longest Drive (Hole #8) Gordon Rupkaluis
- Longest Drive (Hole #14) Nick Wahl
- Longest Putt Don Lutz
- Marshmallow Long Drive Josh Dierking

The winners of the NEBB 20th Annual Golf Tournament

The Exhibit Hall was the place to be to learn about new products and services.

Ryan Jenkins engages the audience during his talk about the different generations.

President-elect Don Hill speaks about his vision for NEBB during the closing session.
NEBB presents $10,000 check to ASHRAE Research

During the closing session of the conference, NEBB president Jim Kelleher presented a ceremonial check for $10,000 to ASHRAE Research. Patricia Graef, PE, ASHRAE vice president, accepted the check on behalf of the organization. For 17 years, NEBB has been a member of the ASHRAE Golden Circle, a group of contributors who provide significant financial leadership to ASHRAE at the $10,000 and higher level.

“NEBB’s golf tournament sponsors provide the support to make this donation possible,” said NEBB president Jim Kelleher. “We are proud to support ASHRAE’s unique technical research program.”

Through its research and other initiatives, ASHRAE is recognized as the leading international authority and source of technical and educational information, standards and guides on the interaction between people and the indoor and outdoor environment as it pertains to the operation of HVAC&R systems in buildings and other applications. ASHRAE Golden Circle investors contribute more than 10 percent of the total amount of funds collected for the society’s research initiatives.

Jim Kelleher presents a ceremonial check to ASHRAE vice president Patricia Graef.

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NEBB recently determined the need to examine its instrument list focusing on calibration and accuracy. The first Certelligence recertification cycle is nearing completion and has led to the formation of a comprehensive instrumentation list. While it is not our intention to produce an ever-changing list of instruments meeting the published requirements, we specifically indicate the prerequisites of each.

In general terms, a unit means the type of measurement, and normally symbols are used to identify them which are standardized and grouped into a system such as US or SI Standard Systems of Measurement. An air pressure measuring instrument, for example, has a specified range in both US and SI units as well as for the accuracy and resolution requirements. The NEBB board of directors (BOD) recently approved an instrumentation information bank that provides a reference for basic requisites in US and SI per discipline, and other disciplines where that tool may also be appropriate. The range, accuracy, and resolution (RAR) has been matched to meet the needs per the Procedural Standards, specifying an instrument that meets the basic requirements which fits NEBB’s main goal of providing an accurate list for each discipline and a cross reference for firms that have multiple certifications or are planning to acquire them in the future.

Each NEBB Procedural Standard will be updated with the appropriate errata and will include a complete NEBB-Approved Instrument List and a discipline-specific list. These will also be posted on the NEBB website and on Certelligence during the certification or recertification processes. A major change on the list is the requirement of ownership of sound measurement instrumentation. With the abundance of manufacturers producing high-quality, low-cost instrumentation in this field along with an increased call in the specifications, it was recommended that these sound measurement instruments meet the NEBB model of ownership.

One of the most complicated issues that arose during deliberations with various committees and the NEBB BOD was the calibration of some of the complex or combination systems such as blower doors or thermal imaging cameras. While a fan is not calibrated, it should be checked periodically for proper alignment and operation. However, the gauge calibration requirement is for a 12-month cycle following the three-point NIST Traceable Certification. Various thermal imaging cameras require different calibration protocol dependent upon manufacturers’ procedures that are not specifically defined elsewhere so NEBB still requires a 12-month calibration period.

All required intervals and procedures have been outlined per instrument on the NEBB-Approved Instrument List and are to be followed for all NEBB Certified Reports, New Firm Certification and/or Recertifications. NEBB-required instruments must meet the RAR, ownership, and calibration requirements as indicated on the NEBB-Approved Instrument List. Calibration is a measurement process that assigns values to the response of an instrument relative to reference standards.

The purpose of calibration is to eliminate or reduce bias in the user’s measurement system relative to the reference base. For continued accurate performance of an instrument, it must be calibrated at minimum within 12 months, unless otherwise specified. A minimum three-point calibration should also be conducted at an accredited NIST Traceable facility by a certified technician in the United States or labs such as NPL in the UK, NIST in the USA, or PTB in Germany. A nationally or internationally recognized standard provides an unbroken chain of mea-

The Right Tool for the Job: Proper Instruments Ensure Accuracy and Reduce Uncertainty

Don Fedyk | NEBB Technical Director
measurements back to maintained standards, documented uncertainties throughout the chain, and a quality assurance system to quantify that uncertainty. The three-point calibration verifies the accuracy of an instrument in the High-Middle-Low points in the required range of the instrument. For example: a temperature measurement instrument listed with a range of -20°F (-30°C) to 240°F (120°C) may have test points at 15% (20°F), 50% (110°F), and 85% (200°F) verifying the instruments accuracy throughout the range rather than at a single point.

NEBB, through its standards and education, has developed procedures and requirements for all NEBB Certified Firms, Professionals, and Technicians performing the tasks required by NEBB Procedural Standards and project specifications. The NEBB Procedural Standards mandate the performance of testing per the specified standard along with project-specific responsibilities, and requires the use of specialized and accurate instruments to perform the task and issue NEBB-Certified Reports. While each discipline has specific tasks and instrument requirements, the NEBB-Approved Instrument List allows for a comprehensive analysis and consolidation of the same applications in various disciplines into one. Bottom line: The purpose of instrument requirements is to ensure the proper tools are used to perform the required task.
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**NEBB CB Appoints New Exam Development Committee Member**

NEBB Certification Board Chairman Stanley Fleischer, with the approval of the Certification Board (CB), announced the appointment of a new member to its Exam Development Committee (EDC): Ron Landberg, BET CP, TAB CP and RCx-EB CP. Landberg has worked with the EDC as a Subject Matter Expert/Item Writer since January 2016 and served as a team member for the recent RCx-EB CP Body of Knowledge development. Landberg will serve a three-year term on the EDC, with the option of serving additional terms. He is the TAB/CX manager at McDonald-Miller Facility Solutions in Seattle, Wash. “Ron has served NEBB over the past year as a Subject Matter Expert, working diligently on a wide variety of projects and has shown a high level of professionalism and knowledge in the various disciplines he holds,” said EDC Chair Brian Keller. “We’re looking forward to having Ron work with us to learn the nuances of certification exam development and all that entails.”

**New Subject Matter Expert/Metric Added to Rank and File**

The CB expanded its rank and file of Subject Matter Experts with the addition of Firas Hakim, TAB CP. Hailing from the United Arab Emirates (UAE), Hakim is a mechanical engineer and holds a commissioning engineering degree. TAB Certified since 2016, he is a projects manager for T&C Technology Engineering Services, supervising over 25 technicians and engineers on various projects across the UAE. He has worked on landmark projects in Abu Dhabi and Dubai. Hakim will work with NEBB’s Metrication Committee on various exams that require translating from the US Imperial Standard to Universal Metric, along with other SME duties. “NEBB is one of the leading organizations in the field. I hope by volunteering with NEBB I can contribute to development of this organization in the best way possible,” stated Hakim. EDC Chair Brian Keller said, “Firas brings a wealth of knowledge to the group and the EDC is honored to expand our ranks with his addition to our Subject Matter Expert pool.”

**Certification Board Announces Formal Call for Nominations**

NEBB is pleased to announce its 2017-2020 Call for Nominations for open positions on the NEBB Certification Board (CB). The CB is seeking to fill one Industry Stakeholder Position and one Certification Board position. All NEBB Certificants-in-good-standing are welcome to nominate themselves or submit a nomination on behalf of others for open positions. Complete details on board member requirements, nomination review and selection process, the nomination timeline, and the application can be obtained at: [http://www.nebb.org/about/nebb_certification_board/](http://www.nebb.org/about/nebb_certification_board/).

“This process is extremely important for NEBB and its certification entity and the board is looking forward to filling these positions,” said Rick Farrington, CB vice chair. “NEBB has a history of excellence with its volunteers and we know that this nomination process will bring forth only the best.” The application and bio must be submitted in Word format; the head shot must be submitted in jpeg format. All nominations must be received by 11:59 p.m. EDT Wednesday, May 31, 2017. To submit, please contact Cynthia Hereth, NEBB director of certification, at cindi@nebb.org.

NEBB’s Certification Board is always on the search for volunteers who might be interested in learning more about the intricacies of exam development and the overall certification process. Want to learn more and become involved with a great group of people and a growing association? Start
NEBB ON THE ROAD

In January, NEBB exhibited at the AHR EXPO in Las Vegas, Nevada to spread the word about our outstanding educational seminars and premier certification programs. Shown below are NEBB president Jim Kelleher (l.) and NEBB past president and marketing committee chairman Eric Jenison at the NEBB booth.

Other 2017 events NEBB is currently scheduled to take part in are:

- High-Performance Buildings & Workplaces
  Arlington, TX, May 17-18, Booth #415

- Building Owners and Managers Association (BOMA)
  2017 International Conference & Expo
  Nashville, TN, June 24-27, Booth #1427

- American Society for Healthcare Engineering (ASHE)
  Annual Conference & Technical Exhibition
  Indianapolis, IN, August 7-8, Booth #216

- International Facility Management Association (IFMA)
  World Workplace
  Houston, TX, October 18-20, Booth #717

CHAPTER NEWS

Mid-South EBB Chapter (MEBB): Ginger Slaick, EVP/Chapter Coordinator

The 2017 MEBB Recertification Seminar and Annual Meeting will be held September 23 and 24 at Marina Inn at Grande Dunes, Myrtle Beach, SC. We’re celebrating our 45th anniversary and this seminar and meeting will surely be one of the best yet! Plans have already been made for the attendees to tour EBTRON and hear presentations on “Factors that affect outdoor airflow intakes – What every balancer should know,” “Building Pressurization,” and “Demand Control Ventilation,” just to name a few. Other presentations will include information on safety in the workplace and contract law. MEBB is also delighted that NEBB president Jim Kelleher will be in attendance to present an update on NEBB and its activities. An added benefit to attending the 2017 MEBB Recertification Seminar is technician continuing education. Firms who have at least one certified professional attend will be given the opportunity for their technicians to access continuing education and obtain required CECs through the MEBB Chapter website.

Attendees will also have the opportunity to visit with several vendors during the Annual Vendor Exhibit. Vendor currently scheduled to attend include Retrotec, Evergreen Telemetry, Ameritech Computer Consultants, and Dwyer Instruments. For additional information on attending the Recertification Seminar or becoming a vendor at the Annual Vendor Exhibit, please contact Ginger Slaick at 678.407.2754 or gslaick@midsouthebb.com.

Florida EBB Chapter: Terry T. Wichlenski, Chapter Coordinator

Florida EBB (FEBB) was proud to be the host chapter of the 2017 Annual Conference held in Orlando. The chapter provided giveaways at the registration desk including sun glasses and customized candies and was also a hole sponsor for the golf tournament. Thank you to all who came.

The FEBB Chapter holds up to three TAB Practical Exams for Certified Professional candidates per year. If you are interested in receiving upcoming Florida Lab schedules, please email the Florida Chapter at febbcoordinator@gmail.com.
COMMITTEE REPORTS

Fume Hood Committee

The second edition of the Procedural Standard for Fume Hood Performance Testing has been approved by the Board of Directors and is available to order or download on the NEBB website. The Committee is also working with the Exam Development Committee on updating the written exam and the Certification Board on the FHT CP Body of Knowledge to build a complete training seminar.

In addition, fume hood performance testing seminars are scheduled for June 5 and 6 and November 23 and 24, both in Kansas City, MO.

Marketing Committee

The Marketing Committee met during the annual conference and is developing a comprehensive list of industry trade shows NEBB could participate in to increase the organization’s profile nationwide. This list will be submitted to the Executive Finance Committee for its review. In addition, the members discussed future plans for a re-design of the NEBB web site and the resources needed to make this happen in the near future.

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The NEBB’s 2017 Annual Conference set the stage for a new ad hoc committee to launch its new endeavor, the Young Professional Network (YPN), which was overwhelmingly embraced with positive responses spanning all age groups.

The YPN ad hoc committee, comprised of Dane Richards, Jake Altland, Jonathen Lloyd, Nick Muscolino and Tyler Hall, kicked off with an open forum on April 1 during the annual conference. More than 65 professionals attended the session and response to the formation of the new YPN endeavor was enthusiastic. YPN members include Certificants-in-good-standing and Qualified Certification Candidates ranging in age from 20 to 39, slightly higher than other industries’ young professional groups who generally set the age range from 20 to 36 in keeping with the “true” Millennial age span.

Dane Richards opened the forum by stating, “We were able to provide an initial framework of our vision for the YPN and how we can serve as a resource for young NEBB professionals and those pursuing NEBB certification. We also presented initial ideas regarding involvement by those outside the YPN age range and asked for feedback from the audience. The discussion was incredible. The ideas provided by those in attendance definitely gave us plenty to work on in the future.”

“This initiative was the brainchild and vision of NEBB past-president Jean-Paul Leblanc. The number of younger attendees in the session definitely speaks to the need for a YPN program within NEBB,” said NEBB executive vice president Tiffany Suite. “The traction gained at the conference has been excellent, and we want to see this continue into the future. I’m thrilled to see the response from everyone.”

“The wealth of knowledge offered within the NEBB is outstanding and the thought of possibly losing what has been achieved to date would be terrible,” said Lloyd. “Being a part of Jean-Paul’s vision to cultivate growth and continue the sustainability of NEBB long into the future is truly an honour.”

The YPN panel, moderated by Leblanc, outlined key initiatives approved by NEBB’s board of directors which included: the formation of a specific YPN webpage; a dedicated email address, ypn@nebb.org, for NEBB’s young professionals to reach out and ask questions; creation of a specific YPN LinkedIn page; along with an article and ad in each issue of The NEBB Professional. A Twitter account has already been established and is in use: @NEBB_Bldg (so get Tweeting!).

“These young professionals are articulate, knowledgeable, clearly respectful of those who came before them, and so enthusiastic. So it appears the YPN and its constituency is moving on a solid path forward,” said Leblanc. “It is very

YPN Mission Statement

Serving as a resource for young professionals to cultivate the growth of NEBB for generations to come.
New Fume Hood Performance Testing Procedural Standard Released

NEBB’s Fume Hood Testing Committee has released the latest version of *Procedural Standard for Fume Hood Performance Testing*.

The purpose of the new, second edition of this Procedural Standard is to establish a uniform and systematic set of criteria for the performance testing of fume hoods. Similar to the other NEBB disciplines, the Procedural Standard serves as the anchor for the program. Fume hoods and other safety control environments, such as bio-safety cabinets, offer a distinct set of challenges to the firms and individuals testing the field performance of these specialized containment enclosures.

“The new edition of the *Fume Hood Performance Testing Procedural Standard* reflects the latest methods and technology in the industry,” said Mike Kelly NEBB fume hood committee chairman. “We anticipate that it will be a valuable guide for those performing and specifying fume hood testing and will serve to enhance the quality of the work performed.”

To order a copy of the new procedural standard or to view it online, go to [http://www.nebb.org/order_form/](http://www.nebb.org/order_form/).
Transferring to a New Employer?
Test Your Knowledge!

Cynthia Hereth | NEBB Director of Certification

Let’s take a quick quiz to see how knowledgeable you are on an important NEBB operational procedure known as the Application for Certification Transfer.

Test Your Knowledge Quiz

1. If I leave my current employer and work for another NEBB Certified Firm, I don’t have to notify anyone.
   - True  False

2. I contact NEBB and tell them I’ve changed employers and they do the rest.
   - True  False

3. Because I am certified, when I change employers I can conduct NEBB-certified work as I have in the past without any issues.
   - True  False

4. I could experience compliance issues if I don’t complete a certification transfer within the deadline.
   - True  False

The answers are at the end of this article. How well did you score?

We all know employment opportunities knock at the door of our careers when we least expect it. If you are a Certified Professional (CP) or Certified Technician (CT) and you accept a great new professional job opportunity, you have to file the appropriate paperwork with NEBB to ensure all the work you do at your new employer is formally recognized. If you don’t complete and submit this paperwork to NEBB, you are not officially “employed” by a Certified Firm are unable to perform work in accordance with NEBB’s Procedural Standards. And if that transfer paperwork isn’t filed, approved and on record, you could find yourself in the midst of a compliance issue. All the work you’ve done for your new employer will be considered null and void and cannot be recognized because of the Application for Certification Transfer was never completed and approved.

When you transfer from one NEBB Certified Firm to another, the responsibility is on you, the CP or CT, to notify NEBB National of the change in employer. You must request a formal Application for Certification Transfer from the Certification Department (certification@nebb.org), and complete it, along with the transfer fee, and do it within the stated deadline.

The Certified Firm has responsibility as well – it needs to advise NEBB National within 15 days about any change in the employment status of a CP or CT employee. However, the real onus is on you, the CP or CT. You must apply for a certification transfer from one Certified Firm to another. The Application for Certification Transfer and transfer fee must be completed within 30 days of the employment change, and the certification transfer will not be considered official until approved by NEBB.

Worst case scenario is that failure to comply with these requirements could result in disciplinary actions which include, but are not limited to probation, administrative charges, decertification for the CP, CT or the Certified Firm.

Don’t let overlooking this critical operational procedure derail your professional career. Check out the details in NEBB’s Operational Procedures 2.7 Loss of Rights at http://www.nebb.org/resources/nebb_governing_documents/

Quiz Answers
1. False, 2. False, 3. False, 4. True
I switched from the hospitality industry to investment real estate years ago and I've never looked back. I enjoy every aspect of our business, and I’m always striving to do a better job—that’s why I attend the BOMA International Annual Expo every year. In four days, I gain tremendous insight into the current trends in our industry and meet with service providers who can help me identify new ways to add value to my portfolio of properties. We’re never too old or too experienced to learn—and the BOMA International Annual Expo has been a great resource for enhancing my education and career.

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Vice President - Property Management | Physicians Realty Trust

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2017 Technical Seminar Schedule

For complete details, email training@nebb.org.

**June**  
**Fume Hood Seminar:** Monday – Tuesday, June 5-6, 2017  
Registration Deadline: Monday, May 22, 2017  
Optional Fume Hood CP Written Exam Date: Wednesday, June 7, 2017  
Optional Fume Hood CP Practical Exam Dates: Wednesday – Thursday, June 7-8, 2017  
Labconco, Kansas City, MO

**August**  
**Cleanroom Performance Testing Seminar:** Monday – Wednesday, August 28-30, 2017  
Registration Deadline: Monday, August 14, 2017  
Optional CPT CT Written Exam Date: Wednesday, August 30, 2017  
Optional CPT CP Written Practical Date: Thursday, August 31, 2017  
Bass Lake Retreat Center, Holly Springs, NC

**October**  
**TAB Seminar:** Monday – Wednesday, October 9-11, 2017  
Registration Deadline: Monday, September 25, 2017  
Optional TAB CP & CT Exam Date: Thursday, October 12, 2017  
IMI Training Facility, Roswell, GA

**November**  
**Fume Hood Seminar:** Monday – Tuesday, November 13-14, 2017  
Registration Deadline: Monday, October 30, 2017  
Optional Fume Hood CP Written Exam Date: Wednesday, November 15, 2017  
Optional Fume Hood CP Practical Exam Dates: Wednesday – Thursday, November 15-16, 2017  
Labconco, Kansas City, MO

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**Save the Date!**  
**2018 NEBB Annual Conference**  
**San Diego**  
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More details to come via email and The NEBB Professional
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