



High Performance Begins Here



NEBB Certified Firms, Professionals and Technicians have access to a vast array of training and education from industry experts. These resources, along with the stringent certification and recertification requirements, produce high quality personnel, with the knowledge and equipment to perform at the highest industry standards.”

*-Jim Whorton, PE
Vice President, ViroCon, Inc.*

The background of the slide is a detailed architectural floor plan. It features various rooms, corridors, and mechanical systems. Annotations include 'VERIFY', 'WIND SEE', 'WINDOW BOX - SEE DETAIL', and dimensions like '60'-0"', '9'-3"', '12'-6"', and '18'-3"'. A large, silver architectural compass is positioned diagonally across the upper right portion of the drawing. Several white, rolled-up blueprints are visible in the upper left corner, partially obscuring the drawing.

What is NEBB?

Established in 1971, NEBB is the premier international certifying association for firms and individuals that deliver high performance buildings and systems.

A vertical strip on the left side of the page shows a close-up of an architectural drawing. It includes a house outline at the top, followed by a floor plan with dimensions like '2'-4"' and '12'-4"'. A compass and a pencil are shown drawing on the plan. The drawing is partially obscured by the green background of the main text area.

Driving Functionality to the Forefront

Strict specifications and requirements exist for building systems designs and installation, but efficient operations are often an afterthought.

NEBB Certified Firms, Professionals, and Technicians uphold the highest standards in building enclosure, cleanroom performance testing, and fume hood performance testing, as well as sound and vibration measurement, building systems commissioning and processes, technical retro-commissioning of existing buildings, and testing, adjusting and balancing.

By measuring the efficiency of building systems and providing customized solutions for business owners, our vast network of highly skilled specialists can ensure all components of your specific environment operate seamlessly, both now and in the future.

High performance buildings with optimized systems lead to lower energy consumption, decreased operations costs, and, ultimately, peace of mind.

The NEBB Difference

As the premier provider of high performance building and building system professionals, NEBB establishes and maintains the highest procedural and efficiency standards for facilities around the globe. Focused on nine primary certifications, our association certifies both firms and individuals that want to build an optimized industry.

In the building industry, NEBB represents qualified experts you can trust. NEBB certification signals highly skilled firms and individuals that have undergone the rigorous requirements set forth by NEBB to prove proficiency in each given discipline. Hiring a firm and specialist with these highly regarded certifications is an easy way for any key player in the industry to perform due diligence and move on to more important things—like building turnover.

Obtaining Certification

Receiving international acclaim, NEBB and its universal certification requirements are now sought after in every corner of the world.

FOR FIRMS: To become certified, firms must demonstrate a reputation for integrity and responsible performance, conform to all NEBB requirements, and must employ a Certified Professional in the discipline in which firm certification is desired.

FOR INDIVIDUALS: To become certified, individuals must possess specific education and professional experience, and pass comprehensive examinations. Each discipline certification has unique prerequisite requirements and is anchored by a specific Body of Knowledge that provides guidelines for curriculum development and exams. Both NEBB Certified Professionals and NEBB Certified Technicians must remain current with industry trends through continuing education in their related fields.

Certified Professional certifications are offered in all disciplines. Extensive educational background combined with field experience is required. Certain disciplines require demonstration of practical

working knowledge and hands-on testing. Only NEBB Certified Professionals employed by a NEBB Certified Firm holding a current NEBB-issued stamp may authenticate NEBB Certified Reports.

Certified Technician certifications are available in Building Systems Commissioning, Cleanroom Performance Testing, Testing, Adjusting, and Balancing, Sound Measurement, and Vibration Measurement. Working under the guidance of a NEBB Certified Professional, specific eligibility criteria, training, and examinations must be met to obtain NEBB Certified Technician status.

Ongoing Education

To ensure NEBB certificants and certification candidates remain on the cutting edge of industry trends, technology, and techniques, we offer **training seminars** relevant to our primary disciplines. These valuable, often hands-on courses are taught by NEBB certified experts in their respective fields and are held in various locations throughout the United States.

Through online **NEBBinars** and **eLearning courses**, we cover insights and technical updates regarding key issues impacting the global HVAC industry.

NEBB Certified Professionals that attend our **annual conference** gain an incredible networking opportunity, as well as knowledge from featured sessions on industry, technical, and business management updates delivered by prominent industry leaders.

Constantly Moving Forward

“NEBB is constantly moving forward, ready for the future. We’re headed in new directions, leveraging the talent of our experienced Certificants with our young, incoming volunteers; expanding our training and testing centers, reaching out to related industries in the field to advance awareness of NEBB. We’re on the move.”

*-Donald Hill, PE
President, AccuTec Services, Inc.*

Fast Facts on NEBB:

1971

year NEBB was
established

9

primary NEBB
certifications

2000

certified NEBB
individuals

650

certified NEBB
firms

NEBB exists to help building owners, developers, contractors, engineers, and architects ensure the buildings for which they are responsible are successfully delivered and operational.

NEBB's Quality Assurance Program exists to uphold our high standards, credibility and integrity, while offering project owners peace of mind that the work will be done right. Providing swift, single-source mediation and resolution of disputes between our Certified Firms and their customers, the program applies to projects specified for completion in accordance with NEBB's applicable Procedural Standards.

Building Certified Excellence

Achieving either NEBB Firm or NEBB Individual Certification is a detailed and demanding process that pays dividends in the long run. Synonymous with quality assurance, NEBB certification is widely recognized—and requested—worldwide.

NEBB Primary Certifications:

BET

Building Enclosure Testing

By pressure testing the whole building and leak testing various zones and components, Building Enclosure Testing validates the effectiveness of all air barriers. This seal of approval helps reduce energy consumption, while providing a comfortable environment for all occupants.*

BSC

Building Systems Commissioning

Using a systematic approach to verify all systems are operating per contract requirements, commissioning ensures a fully functional building. By testing the performance of all building systems, and tracking and mitigating all issues, NEBB's approach goes above and beyond the standard commissioning process.*

CPT

Cleanroom Performance Testing

Through proper instrumentation and documentation, Cleanroom Performance Testing verifies environmental pollutants, per standards and specifications, are not present. Expertise in required standards and guidelines, applied HVAC theory, filtration collection mechanisms, instrumentation, and reporting allow for cleanroom assurance and optimization.*

CxPP

Commissioning Process Professional

Leading, planning, coordinating and managing the commissioning team to implement processes in new and existing buildings is a serious responsibility. By managing commissioning projects from concept through completion, NEBB Certified Professionals prepare documentation,



FHT

Fume Hood Performance Testing

To determine proper ventilation, thorough knowledge of the interaction of fume hoods, exhaust systems, and the laboratory system itself is required. By affirming expertise in HVAC dynamics and laboratory design, as well as an ability to properly utilize instrumentation, certification in Fume Hood Performance Testing assures an expert to confirm performance of the fume hood, laboratory, and system.*

SM

Sound Measurement

Ensuring proper methodology and criteria for noise measurement, instrumentation usage and field calibration, as well as proper report documentation, Sound Measurement and analysis plays an important role in providing space usage for various commercial, manufacturing and industrial activities.*

RCx-EB

Retro-Commissioning of Existing Buildings

By going back to basics to assess what is working well and what may need replacement, Technical Retro-Commissioning of Existing Buildings is the thorough compilation of building data and analysis, as well as providing strategic planning and execution. From data collection and field verification to testing, analyzation, and documentation of facts, this discipline aims to provide optimal performance.*

TAB**Testing, Adjusting & Balancing**

Allowing HVAC systems to meet or exceed the performance levels of their design specifications, Testing, Adjusting and Balancing helps provide environmentally efficient buildings. Using specialized instruments, this methodical regulation of the system is intended to evaluate equipment and system performance, and proper adjustment of the balancing devices when necessary. It provides building owners and tenants with optimal environmental performance, while minimizing costs through efficiency.*

VM**Vibration Measurement**

Requiring a complete understanding of the vibration parameters and the ability to quantify the level of vibration, Vibration Measurement and analysis is a proven predictive maintenance activity that helps minimize repair and downtime costs for rotating machinery.*

“We all know the top three certification organizations listed in most job specifications. The reason NEBB supersedes all others is because of our commitment to quality standards, training, education and certification in nine distinct certifications. Testing, Adjusting and Balancing, Building System Commissioning, Technical Retro-Commissioning, Cleanroom Performance Testing, Commissioning Process Professional, Fume Hood Testing, Building Enclosure Testing, Sound Testing, and Vibration Testing.”

*-Jeffrey Schools, Vice President
Fisher Balancing Company*

Reliable Resources

NEBB certificants and industry professionals receive industry updates on techniques, equipment, and trends via ***The NEBB Professional***, our quarterly magazine.

Technical manuals, training materials, and NEBB Procedural Standards with specific guidance related to NEBB disciplines are available for purchase on our website through **NEBB's Bookstore**.



Ready to Certify Your Future?

Get more information about firm or individual certification by contacting certification@nebb.org

301.977.3698
info@nebb.org
www.nebb.org

Praise from the Pros

“ Gaining NEBB Professional Certification in the TAB discipline has given me the skills and confidence to become an industry leader. Certifying my firm has created the opportunities to showcase my skills as a NEBB CP and provide my clients with the service they have now learned to expect.”

-Jonathen Lloyd, Lloyd's TAB Pty Ltd

“ Becoming NEBB Certified in multiple disciplines has allowed our company to diversify and expand our reach within the industry. Being NEBB Certified is a first step in promoting and executing a technical approach to facilities and buildings that steps further than simply 'readings.' The knowledge of the NEBB community and the breadth of the training has truly allowed our company to excel.”

-Steve Clark, Clark Balancing Ltd

