



TRUSTED  
QUALITY AND  
PERFORMANCE

CONTINUOUSLY  
EDUCATED  
PROFESSIONALS

HIGHEST  
STANDARDS AND  
REQUIREMENTS



**NEBB FIRMS:**  
Certified in Excellence



# NEBB CERTIFIED FIRMS OPTIMIZE BUILDING PERFORMANCE

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As the premier international certifying association for firms and individuals, NEBB upholds the highest standards to ensure certified firms--and the certified professionals and technicians that perform their work--deliver buildings and systems that operate at their highest level of designated performance.

## Trusted Quality and Optimal Performance

In the building industry, NEBB certification represents qualified firms you can trust. Recognized as leaders in practical knowledge, communication, and creating customized solutions for business owners, we understand the opportunities and challenges you face.

Through services like testing, adjusting balancing or commissioning, amongst others, NEBB Firms ensure building systems properly achieve their highest performance, leading to lower operational costs and higher levels of occupant comfort. For this reason alone, a NEBB Firm is an essential partner to architects, engineers, buildings owners, and contractors working to produce exceptional buildings with systems that perform as they were visualized and designed.

By selecting a NEBB Certified Firm to deliver your high performance buildings and systems, you receive quality service and standards, and comprehensive testing for compliance with the owner's performance requirements.

## Continuously Educated Professionals

NEBB Firms offer highly skilled experts that have undergone the rigorous requirements set forth by NEBB to become certified. Hiring a firm with this highly regarded certification is an easy way to perform due diligence and ensure that your project runs smoothly, safely, and sustainably to meet your goals.

To maintain certification and remain the most educated in the field, NEBB Firms are active locally, as well as nationally. The education and training experts receive through valuable NEBB seminars, annual conferences, and chapter events not only allows professionals to stay informed of new trends and technology, better understand the systems and required NEBB procedures, but also offers access to a wide range of experts in their field. Access to knowledgeable peers and the ability to share how various issues have been dealt with before leads to better problem solving and overall project outcomes, as well as higher client satisfaction

## Highest Standards and Requirements

With nearly 800 Certified Firms worldwide, NEBB's universal certification requirements have received international acclaim.

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. Only firms that meet certain prerequisite requirements are granted certification, and NEBB's recertification standards must be met every two years to maintain it.

Through adherence to NEBB By-Laws, Procedural Standards, and Operational Requirements, firms overcome possible challenges before they arise. Providing certified reports for final documentation proves firms are acting according to NEBB standards, and all project requirements are met. These reports serve as interactive, proactive documents for end-users following building turnover.

## PEACE OF MIND

NEBB maintains a **Quality Assurance Program** to offer project owners peace of mind that the work will be done right and to ensure NEBB's high standards, credibility and integrity are upheld by certified firms. Applying to projects specified for completion in accordance with NEBB's applicable Procedural Standards, the NEBB Quality Assurance Program provides swift, single-source mediation and resolution of disputes between NEBB Certified Firms and their clients. Project owners not satisfied with work delivered by a NEBB Certified Firm can contact the local chapter or NEBB for assistance.



# NEBB Firm Disciplines

NEBB offers a total of eight different certifications for firms. Synonymous with quality assurance, NEBB certification is widely recognized—and requested—worldwide, paying longterm dividends for those that undergo the detailed and demanding process of achieving NEBB Firm Certification.

**Our firm is certified in the disciplines selected below:**

**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 to help reduce energy consumption and provide a comfortable indoor environment.

**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, applied HVAC theory, filtration collection mechanisms, instrumentation, and reporting allow for cleanroom assurance and optimization.

**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, firms certified in Fume Hood Performance Testing can 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 assessing what is working well and what may need replacement, Retro-Commissioning of Existing Buildings is the thorough compilation of building data and analysis, as well as strategic planning and execution in order 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 evaluates performance and provides building owners and tenants with optimal environments, 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.



**"NEBB'S SCIENTIFIC  
APPROACH TO CERTIFICATION,  
DEDICATION TO EDUCATION AND  
TRAINING, AND CONTINUING EDUCATION  
REQUIREMENTS FOR RECERTIFICATION  
ALL ENSURE HIGH QUALITY SERVICES  
ARE PROVIDED BY CERTIFIED  
FIRMS AND THEIR PERSONNEL."**

-JIM WHORTON, VP,  
VIROCON, INC.

## CERTIFIED HIGH PERFORMANCE

NEBB Certified Firms afford building owners, architects, engineers and other agents a reliable basis for specifying work or acquiring services within the various disciplines of NEBB.

A NEBB Certified Firm is a company that can demonstrate it meets stringent requirements, has a reputation for integrity and responsible performance, and conforms to all requirements for client safety and sustainability.

Only companies which meet the rigid and precise criteria for acceptance, involving a uniform and systematic set of eligibility criteria, can be awarded NEBB Certified Firm status. To ensure strict conformance to its high standards and procedures, NEBB requires Certified Firms to document a record of responsible performance, own a complete set of instruments required for the sophisticated techniques and procedures necessary to fine-tune modern environmental systems, and

employ a NEBB Certified Professional in a management position.

These Firms employ Certified Individuals that are highly competent in their field, and promote proper execution of projects by ensuring compliance with NEBB standards and procedures. NEBB Certified Professionals have undergone essential education and training, proven professional experience, and passed comprehensive examinations for each discipline in which certification has been granted. Believing that experts must remain current with industry trends, NEBB also mandates Certified Professionals to adhere to continuing education requirements in their related fields.

The detailed and demanding NEBB certification process has led to a worldwide reputation for being the highest and most trusted for building systems standards.

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**QUALITY OF WORK IS THE BIGGEST SELLING POINT. CLIENTS RECEIVE QUALITY AND PEACE OF MIND THAT QUALIFIED INDIVIDUALS WILL BE PERFORMING WORK TO GUARANTEE THEIR BUILDINGS ARE PERFORMING TO THEIR BEST ABILITIES. OVER YEARS OF BEING NEBB CERTIFIED, I HAVE BUILT RELATIONSHIPS I WOULD NOT HAVE HAD OTHERWISE. HAVING THE PROCEDURAL STANDARDS IN MY BACK POCKET AS A RESOURCE IS ALSO BIG.”**

-AMBER RYMAN, NORTHERN CALIFORNIA TAB DEPT. MANAGER, ACCO ENGINEERED SYSTEMS





# THE NEBB FIRM DIFFERENCE

**"AN INDIVIDUAL COMPANY'S DESIRE AND DEDICATION TO EXECUTE A GOOD PROJECT, COUPLED WITH THE NEBB PROCESS, MAKES FOR A WIN-WIN SITUATION FOR THE CLIENT."**

*-JIM KELLEHER,  
VP, METRO TEST AND  
BALANCE, INC.*



**Hiring a NEBB Firm hosts endless benefits for building owners and general or prime contractors. In a nutshell, you can be confident you will receive:**

- Peace of mind that competent professionals are performing quality work on your project—and it will be executed correctly the first time.
- Assurance that your building systems and equipment are operating at their highest level of performance, lowering overall facility operational costs and increasing occupant comfort.
- Well-documented processes that ensure your requirements are met and detailed reports that will be thoroughly explained to you prior to project completion—and make a great reference later on.

**FOR MORE INFORMATION, CONTACT**



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