



Sustainable Solutions for  
Efficient Environments

A New York State and Federally certified WBE Company

TEST & BALANCE SERVICES

PRE-DEMO READINGS

ENERGY SURVEYS

BUILDING COMMISSIONING

ASHRAE 110

CLEANROOM TESTING

# HVAC TEST & BALANCE

## IMPROPER MEASUREMENT AND ADJUSTMENT OF AIR DISTRIBUTION CAN RESULT IN:

- Health risks
- Wasted energy costs
- Discomfort
- Increased production costs and quality control deficiencies.

## SYMPTOMS OF AN UNBALANCED SYSTEM INCLUDE:

- Uncomfortable working conditions
- Cooling problems
- High/low humidity
- Noise issues
- Unpleasant odors



With today's complex HVAC equipment, government regulations, liability issues and ever-shrinking operating budgets, a test and balance agency has more to balance than just water and air. This means that your test and balance agency must be proficient in controls, testing, installation verification, performance testing, design compliance and the ability to troubleshoot and provide solid recommendations when issues arise. MTI goes well beyond the basics to ensure that our clients are receiving the heating, ventilation and air conditioning systems for which they have paid.

OUR GOAL IS TO

**PROVIDE OUR CLIENTS WITH RELIABLE  
& REPEATABLE TESTING & BALANCING  
(TAB) SERVICES** FOR THEIR HEATING, VENTILATING  
& AIR CONDITIONING SYSTEMS

Established in 1967, Mechanical Testing, Inc. has set a standard of integrity, knowledge, quality control and customer service by which other AABC and NEBB certified Test and Balance contractors are measured.

MTI is completely independent from any design or installation contractor, which results in an unbiased view and ensures the customer of full value in their HVAC design.

CELEBRATING 50 YEARS!



## OUR SERVICES

- Testing, adjusting and balancing of HVAC systems
- Cleanroom testing
- Indoor air quality
- Test and balance verification
- Dynamic coil testing
- Renovation and existing system rebalancing
- Consulting services for indoor air quality
- Performance tests for HVAC equipment
- Sound testing
- Room/space pressure relationship testing
- Room pressure testing
- Duct pressurization/leakage testing
- Design review of HVAC systems
- Inspection of HVAC system
- Troubleshooting of HVAC systems
- Ultrasonic flow measurements
- Trainings and seminars
- Consulting services for HVAC systems
- Testing of fume hoods
- Fire life safety testing
- Blower door testing

## WHAT OUR CLIENTS SAY



We have been doing business with Mechanical Testing for 31 years...All of the personnel are extremely professional whether you are dealing with the men in the field or anyone of the office staff. We contribute the success of our completed projects to all of the great qualities that Mechanical Testing brings to the table. They are one of the very few contractors that we would recommend.

**LUCIANO PICCIRILLI —**  
Piccirilli-Slavik & Vincent Plumbing & Heating, Inc.



We always know that by using Mechanical Testing, Inc. we're getting experienced professional, responsible and economical service — Their supervisors and technicians have the knowledge and skill to perform all tasks without delay and hassle — They are a valuable asset to any project.

**RAY MILLARD —**  
Evans Mechanical, Inc.



Mechanical Testing has provided support on several projects designed by Delta Engineers, Architects & Land Surveyors DPC. During the design phase Delta has engaged the services of Mechanical Testing to provide pre-design building surveys to document the current building air and water flows to set benchmarks of the current systems. If performance issues arise after construction when balancing the building, Mechanical Testing would work with the contractor and engineers to resolve these issues. For our current project in Plattsburgh New York, Luke Henderson has provided exceptional service in supporting our efforts.

**RICHARD SANGUINITO, PE —**  
LEED AP Vice President/Director of MEP Services DELTA

