



The Testing and Balancing Process

HVAC

Testing and balancing your HVAC system is exceedingly important to its optimal running and efficiency. As a TABB™ certified company, our technicians are committed to the welfare of those who live and work in the buildings we service. As such, we follow strict standards when installing all indoor environmental systems to ensure they function optimally.

Testing & Balancing Process

During retrofits or construction processes, Pipe and Duct Systems technicians review and evaluate the design documents for their ability to balance and review the documents with the design crew. During tenant improvements, retrofits and planned maintenance, they continue to monitor and observe, providing field data reports and readying for the testing and balancing phase. Once installation is complete and HVAC systems are operational, then the testing and balancing phase begins.

During the testing and balancing phase, we test and balance all of the heating, ventilation and air conditioning systems and subsystems, including the controls. Once we have the results, we thoroughly document and submit them to the engineer and project owner.

If the HVAC system is not performing within acceptable parameters, we document the deficiencies and submit them to the responsible parties.

TABB™ Certified

Our firm is a TABB™ (Testing, Adjusting and Balancing Bureau) Certified Company. We follow strict and methodical guidelines when testing and balancing your system.

Contact Pipe & Duct Systems, LLC for testing and balancing services or information on how we can help you manage your HVAC (heating, ventilation and air conditioning) systems.

At Pipe and Duct Systems we have the necessary personnel, expertise, and instrumentation to provide the following building services:

Air Distribution and Hydronic Balancing of heating, ventilating and air conditioning systems during all phases of design and construction.

Sound and Vibration Testing of HVAC systems and equipment.

Indoor Air Quality Testing to verify ventilation effectiveness, proper outside air intake, and other aspects of IAQ.

Building Systems Commissioning of HVAC systems and plumbing systems.

Cooling Tower Performances Testing to determine the tower's capacity to perform as specified or designed.

Fume Hood Testing to ensure safe conditions in laboratory facilities and effective, economical fume hood performance.

Verification of Control Systems to guarantee effective systems operation.

Duct-Leakage Testing to ensure energy conservation and control of air movement, humidity and temperature.

Existing Conditions Review to assist owners and engineers in designing building systems.