

Melink® T&B



Melink®

HVAC testing and balancing services...that grow your bottom line

Melink T&B - New Construction

Our Melink T&B service is the industry standard for national restaurant, retail, supermarket, and hotel chains. Most construction and facility managers appreciate having a single-source T&B provider that they know and trust, and who provides great customer service with one phone call anywhere in the country.

Our Melink T&B service for new construction is focused on making sure you, as the building owner or general contractor, get the HVAC system for which you paid. Our scope of work includes inspecting the HVAC equipment and installation, testing the system during actual operation, and balancing the system for proper air/water distribution.

Typical adjustments include correcting fan rotations, reducing fan speeds, achieving proper belt tension, adjusting damper positions, setting outside air quantities, re-wiring thermostats for proper operation.



We also document any opportunities for improvement in the design drawings and equipment specifications. For example, detailed inserts showing how the roof-curbs should be ducted per the manufacturer's recommendations will prevent contractors from installing these differently from one location to the next.

We can also provide a recheck program to ensure that all items on the original punch-list were in fact corrected. This entails a second trip to the jobsite but is worth it when there are critical items that can affect comfort, energy efficiency, and system reliability.

Existing Facilities Rebalance

Our Melink T&B service for existing facilities is focused on making sure your HVAC system is operating properly and providing the desired levels of comfort and energy efficiency.

Typical findings include fans running backwards, fan belts slipping, closed outside air dampers, missing duct dampers, dirty filters and coils, clogged condensate drains, units with low refrigerant charges, improperly programmed thermostats, and kinked or disconnected flex duct among other items.

We will make as many corrections as possible and provide a detailed report with any additional corrections that might need to be made by your preventive maintenance contractor. A recheck program is often recommended to ensure all adjustments can be made.



Does Your Facility Need a Rebalance?

- Has it been 5 years since your buildings were last rebalanced?
- Are you replacing old HVAC units with new units?
- Is your store being remodeled?

Sick Building Syndrome

In addition to general rebalance needs, your building may have specific issues that affect customer and employee safety and comfort. This includes incoming drafts at front doors, hot and cold spots in the facility, condensation on ceiling diffusers, slippery floors due to high humidity and stuffy or stale air. Referred to as "Sick Building Syndrome," these can affect not only comfort and safety, but can also contribute to faster deterioration of the facility itself.



Special Services

LEED Certification

If you are pursuing LEED certification for your buildings, Melink can help. Though most credits are typically earned through smart design and construction processes, several credits can be earned through proper commissioning procedures.

Buildings can be designed and constructed with the best intentions in mind, but their actual performance should be tested and verified upon completion to ensure that any mistakes made along the way are corrected.

Melink is uniquely qualified to help expand your existing boiler-plate spec to include the following commissioning-related credits:

- Fundamental Cx
- Enhanced Cx
- M&V (Measurement and Verification)
- IAQ Testing (Indoor Air Quality)



Reduced Scope T&B

Our "Reduced Scope T&B" is the perfect solution for facilities that need a higher-level rebalance. Our technicians will inspect the general condition of equipment and installation and test for proper operation of your HVAC systems.

We will check fan rotation, belt tension, sheave alignment, damper positions and filters and coils will be cleaned. The building will be balanced to ensure proper fresh air quantities and pressurization for all areas. A detailed, certified report will be provided to the building facilities manager to address any issues.



Our National Network

Melink is the leading national T&B provider in the country thanks to our employees. Melink's National Network of highly trained, certified managers and technicians provides you with the convenience of working with just one T&B firm no matter where you are located throughout the U.S. Technicians are directly employed and trained by Melink, offering you unparalleled consistency, convenience and service.

Melink is certified with a national agency (NEBB), using test methods that are universally accepted by the building industry and code officials. Being independent of HVAC manufacturers and contractors ensures our technicians have no conflict of interest. We work for you and your interests to make sure your facility is functioning properly.



As a national T&B provider, we offer volume discounts that you do not get from contractors bidding on just one store. Buying direct also eliminates contractor mark-ups. Our price is a flat fee per store anywhere in the continental U.S.

Melink is an extension of your construction, facilities and engineering departments. Our mission is to provide you with superior customer service, comfort and energy efficiency



About Melink



Melink Corporation is a provider of energy efficiency and renewable energy solutions for commercial and institutional facilities. The company offers building commissioning services, kitchen ventilation controls and solar PV systems.

Melink's corporate headquarters is LEED Platinum certified. It is also a Net-Zero Energy building making it one of the greenest buildings in the world.

To learn more about Melink, visit our website at www.melinkcorp.com.

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