



® Knowledge Beyond Measure.

What Do Customers Say About Positive and Negative Duct Accreditation (PANDA) System?



Professionals in Heating Ventilation & Air Conditioning (HVAC) industry have relied on TSI's Positive and Negative Duct Accreditation (PANDA) system to provide contractors, commissioning engineers, and research and development technicians with the best-in-class choice of test equipment to quantify air leakage in ductwork and other areas as well as the ability to measure the performance of ducted systems. TSI® reached out to customers and asked them how the PANDA helps with energy efficiency in their building.

Building services consultants providing full suite of building services to help realize buildings that are efficient, sustainable and comfortable to use in Thailand uses TSI's PANDA at new commercial building site to inspect a duct system for leaks. The PANDA with low flow nozzle has the ability to measure extremely tight duct and low leak which is very important for system to meet the design spec as built.

Engineers at these building services consultancies are impressed with the performance, robustness and portability of the unit. They commented that the multi-function meter can be used with an optional probe to perform supplementary verification tests in the HVAC system like flow, differential pressure, static pressure, etc. TSI's PANDA is known for having highest accuracies for flow measurement in the market and is a trusted brand in the HVAC industries among consultants and contractors. In addition, the EN & SMACNA standard conditions which was incorporated in the system helps to ensure compliance and provides engineers ease of operating as the calculation of leakages are reflected automatically.

“Duct leakage can significantly increase the energy consumption of a building, leading to increased energy bills for building owners and can result in occupant discomfort and lower productivity. This combination can transform a building intended to be a high performing building into a building that is not.

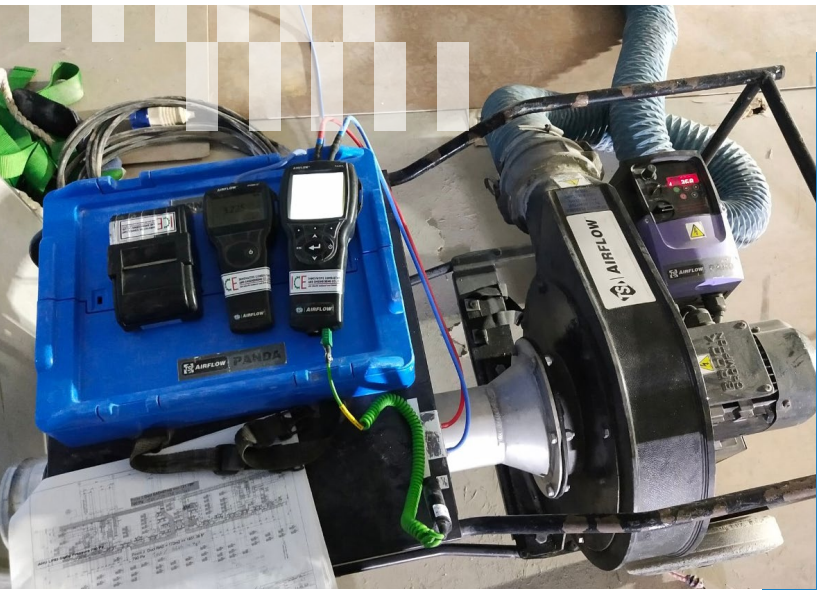
At Innovative Consultant and Engineering (ICE), we use TSI's PANDA to combat duct leakage, making our job easier as we are assured that all commercial and industrial ductwork is often tested to meet EN & SMACNA standards. Upon completion of testing, ICE will provide the documented certified test results on time.”

*Wuttiiphong Ngoenthok,
General Manager,
Innovative Consultant and
Engineering Co., Ltd.*

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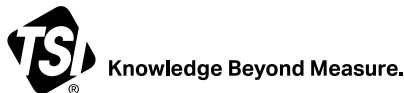
"Knowing the importance of maximizing the energy efficiency in buildings, our team of HVAC engineers at Pharmafac Plan Technology Co., work with building owners to enhance the value of their building assets. Our professional team chooses to use TSI's PANDA to check and ensure that the building HVAC system is in perfect working order."

Niwat Suriyakamon, Managing Director, Pharmafac Plan Technology Co., Ltd



"Building owners in Thailand are very clear that energy efficiency is essential and crucial for sustainability and the impact it has on reducing energy service cost. As most of the energy is lost to the ventilation system, it is necessary to inspect the air duct system for leaks in every installation. As the leading air duct inspector in Thailand, we need to use a tool that is reliable, stable and trusted by our customers. TSI® PAN-341 is our choice and our customers vouch for it."

Nutthanakrit Tongdonhun, Validation Manager Q&E International Co., Ltd. (NEBB Certification)



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