



DOST-ITDI launches its Airspeed Laboratory on World Metrology Day 2024



The Department of Science and Technology's Industrial Technology Development Institute (DOST-ITDI), through its National Metrology Division, celebrated the World Metrology Day on May 21, 2024, by unveiling its state-of-the-art airspeed laboratory.

According to Project Leader Engr. Jose Marco Latosa, the newly launched airspeed laboratory features a subsonic wind tunnel system, specifically designed for the precise calibration of anemometers.

Anemometers, crucial for various applications including air conditioning systems, aviation, and weather forecasting, previously had to be sent abroad for calibration. With this new facility, the Philippines can now conduct these essential calibrations locally, ensuring quicker turnaround times and reducing dependency on international laboratories.



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The establishment of this laboratory represents a significant stride towards technological self-reliance for the Philippines. By enabling local calibration services, DOST-ITDI is not only fostering innovation but also supporting industries that rely on accurate airspeed measurements. This move is expected to enhance the efficiency and reliability of critical sectors such as aerospace, meteorology, and HVAC (heating, ventilation, and air conditioning).



In conjunction with the launch, the DOST-ITDI reiterated its call for the passing of the National Metrology Institute Bill. This legislation is envisioned to strengthen the country's measurement infrastructure further, providing a framework for advancing measurement science and ensuring adherence to international standards.

World Metrology Day, celebrated annually on May 20, commemorates the signing of the Metre Convention in 1875. This treaty laid the foundation for a global measurement system, ensuring uniformity and coherence across borders. More than 80 countries participate in this observance, recognizing the profound impact and importance of precise measurement on scientific progress, industrial innovation, and everyday life. *(MVAtienza\TSD; Photos by AMPallaya\TSD)*

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