



Ministry of Industry  
Investment & Commerce  
Jamaica's Business Ministry



# MEASUREMENT, OUR GLOBAL COMPASS FOR SUSTAINABILITY

**WORLD METROLOGY DAY THEME:  
"WE MEASURE TODAY FOR A SUSTAINABLE TOMORROW"**

The Bureau of Standards Jamaica (BSJ) joins the world in commemorating **World Metrology Day (WMD), 20 May 2024.**

Metrology is the science of measurement; not to be confused with another branch of science having to do with the weather, this branch of science is all about measurement. Metrology provides the foundation for data driven decision making.



Measurement plays a critical role in every aspect of human life to ensure the quality and safety of products and services. Measurement ensures, safety, fairness, and equity for consumers. It is a key factor in global trade as harmonized measurements help businesses compete locally and internationally.

In various business sectors, we note the significance of measurement. In the Manufacturing sector, manufacturers, apply appropriate ratios to raw materials to produce desired products.

In the Construction and Engineering sectors, designers, builders, and engineers conduct measurements to determine the strength of materials and proportion of use. In the Healthcare sector, accurate measurements are required to correctly diagnose patients to ensure appropriate prescriptions are generated and the correct treatment administered.



The BSJ stands tall as a significant player in the National Quality Infrastructure of Jamaica (NQI) of which, Metrology is a key component. The NQI is the framework to strengthen the quality and standard of locally produced goods and services.



BSJ's Metrology and Testing Division provides a number of metrology services which include:

- ▶ **Calibration** – This service checks the accuracy of devices and equipment including thermometers, flow meters, pressure gauges, pipettes, calipers, scales, mutimeters, balances, micrometers, cold storage units etc.
- ▶ **Time Stamping** – Introduces international traceable measurement of time that is traceable to the Inter-American Metrology System timescale (SIM).
- ▶ **Meter Testing** – Electricity meters, water meters etc.



Senator the Hon. Aubyn Hill  
Minister, Ministry of Industry  
Investment & Commerce

Metrology, the scientific study of measurement, empowers us to establish universal standards for units and measuring instruments, with applications spanning navigation, construction, product development, environmental monitoring, medicine, and food processing.

As we go about everyday activities like purchasing a pound of yam or tomato at Coronation Market,

using GPS for navigation on the St. Thomas bypass, obtaining medication from a pharmacy, or calculating courier service fees, let us recognize the pivotal role of metrology in facilitating these actions.

Accurate measurements will assist all of us - the government, organizations, large and small, and individuals in making informed decisions and contributing to a more sustainable future for all Jamaicans.

I commend Jamaica's National Metrology Institute (NMI) - the Bureau of Standards Jamaica (BSJ) for their unwavering commitment to strengthening Jamaica's National Quality Infrastructure through their provision of metrology services.

Happy World Metrology Day.



Dr. Velton Gooden  
Executive Director  
Bureau of Standards Jamaica

World Metrology Day draws attention to the work undertaken by National Metrology Institutes (NMIs), such as the Bureau of Standards Jamaica (BSJ) in supporting industry and protecting consumers in relation to measurement.

Metrology, the science of measurement, incorporates the old Greek concept of *metros* which is to measure, and *logos* which speaks to treaty.

Metrology has evolved over the years, to reflect comparisons of unit, utilized in measurements today.

This year's focus on the importance of measurement on ensuring sustainability underscores the importance of decisions and policy development being driven by data.

The BSJ is happy to lead the commemoration of World Metrology Day in Jamaica and encourages all sectors to draw on the various services of the organization in a partnership that will encourage sustainability.

