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ITDI reopens MSL on 2019 World Met Day

The National Metrology Laboratory (NML-ITDI) of the Philippines is ready to reopen to industry its newly-renovated Mass Standards Laboratory (MSL) on May 20, 2019 in pursuit of the goals of the 2019 World Metrology Day.

The upgrades made to the laboratory aim to support rapid expansion of its services under the project Strengthening the Physical Metrology Capabilities of the National Metrology Laboratory.

Renovations to the laboratory made in July to December 2017 ensured that laboratory equipment are provided appropriate environmental conditions. Laboratory room temperature and relative humidity requirement need to be met for machines and devices to function with continual accuracy, as well as, for long machine life.



Further, MSL is now equipped with new, state-of-the-art tools and equipment to replace worn-out and outdated ones; technical staffs were re-trained.

With these improvements, MSL can now provide a higher level in scope of services for calibration of OIML Class E₂ weights-- increasing its spread from a range of 1 mg-1 kg to 1 mg-50 kg.

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DOST Compound, General Santos Avenue, Bicutan, Taguig City Tel.: 837-2071 local 2184 / 2268



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Meanwhile, for calibration of non-automatic weighing instruments, the addition of new equipment allowed its scope of services to increase from 60 kg up to 300 kg. Further, MSL was also assessed by the German Accreditation Body, Die Deutsche Akkreditierungsstelle

GmbH (*DAkkS*) last May 2-3, 2018 for inclusion of its new mass standards services to its existing scopes of accreditation.



Numerous public and private calibration laboratories in the country are availing themselves of these new calibration services. Now, they do not have to ship their equipment to foreign laboratories for calibration thus making NML's services more cost-effective, and yet with the same level of accuracy as those offered by laboratories abroad. (AVMCarvaja\\ NML-ITDI)

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