


NO: SAMM 1034

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LABORATORY LOCATION/ CENTRAL OFFICE:	Hydrological Instrumentation Laboratory, Division of Water Resources Management and Hydrology, Department of Irrigation and Drainage Malaysia Department of Irrigation and Drainage Malaysia KM 7, Jalan Ampang 68000 Kuala Lumpur , 68000, WILAYAH PERSEKUTUAN KUALA LUMPUR MALAYSIA
	
ACCREDITED SINCE :	29 AUGUST 2024
FIELD(S) OF CALIBRATION:	VOLUME

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2017 (ISO/IEC 17025:2017).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

*** The uncertainty covered by the CMC is expressed as the expanded uncertainty corresponding to a coverage probability of approximately 95 % and have a coverage factor of k=2 unless stated otherwise.**

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FIELD(S) OF CALIBRATION :	VOLUME,

SCOPE OF CALIBRATION : VOLUME

Instrument Calibrated/Masurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (\pm)*	Remarks
Tipping Bucket Rainfall Gauge (tbrg) With 200 Mm Diameter Catch	Bucket Size 0.2 mm 103.9 tips	0.77%	653 ml of water are injected to the TBRG via nozzles of 100 mm/hour, 200 mm/hour and 300 mm/hour flowrates and the number of tips measured

Schedule

Issue date: 29 August 2024
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Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (\pm)*	Remarks
	Bucket Size 0.5 mm 41.6 tips	0.77%	653 ml of water are injected to the TBRG via nozzles of 100 mm/hour, 200 mm/hour and 300 mm/hour flowrates and the number of tips measured
Tipping Bucket Rainfall Gauge (tbrg) With 203 Mm Diameter Catch	Bucket Size 0.2 mm 100.9 tips	0.77%	653 ml of water are injected to the TBRG via nozzles of 100 mm/hour, 200 mm/hour and 300 mm/hour flowrates and the number of tips measured
	Bucket Size 0.5 mm 40.4 tips	0.77%	653 ml of water are injected to the TBRG via nozzles of 100 mm/hour, 200 mm/hour and 300 mm/hour flowrates and the number of tips measured

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