Schedule

Issue date: 06 April 2025
Valid Until: 07 December 2029

NO: SAMM 447

LABORATORY LOCATION/ CENTRAL OFFICE:	HYDROLYTICS METLAB PENGURUSAN AIR SELANGOR SDN. BHD Pengurusan Air Selangor Sdn. Bhd. Kilometer 7, Jalan Sg. Besi, , 57100, WILAYAH PERSEKUTUAN KUALA LUMPUR MALAYSIA
ACCREDITED SINCE :	12 MARCH 2025
FIELD(S) OF TESTING:	MECHANICAL

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).

CENTRAL LOCATION:	HYDROLYTICS METLAB PENGURUSAN AIR SELANGOR SDN. BHD Pengurusan Air Selangor Sdn. Bhd. Kilometer 7, Jalan Sg. Besi, , 57100, Wilayah Persekutuan Kuala Lumpur
FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	**Type Of Test / Properties Measured / Range Of Measurement**	**Standard Test Methods / Equipment / Techniques**
Water Meter Meter Size: -dn 15 -dn 20 -dn 25 (r&d Test Bench)	Intrinsic errors (of indication)	Volumetric method using standard prover tank with references to ISO 4064-2:2014, Sub-Clause 7.4.4
	Intrinsic error (of indication) at Permanent Flow Rate (Q3)	Volumetric method using standard prover tank with references to ISO 4064-2:2014, Sub-Clause 7.4.4 Water Services Industry (Water Reticulation and Plumbing) (Amendment) Rules 2021, Part IV, Chapter 1, Division 7, Rule 78, Sub-Clause (4)

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Water Meter Meter Size: -dn 15 -dn 20 -dn 25 -dn 40 (small Test Bench)	1. Static Pressure Test 2. Intrinsic error (of indication) 3. Reverse Flow Test 4. Pressure Loss Test 5. Flow Disturbance Test 6. Magnetic Field Test	Gravimetric method using weighing balance with references to ISO 4064-2:2014: Sub-Clause 7.3 Sub-Clause 7.4 Sub-Clause 7.8 Sub-Clause 7.9 Sub-Clause 7.10 Sub-Clause 7.12
	Intrinsic error (of indication) at Permanent Flow Rate (Q3)	Gravimetric method using weighing balance with references to ISO 4064- 2:2014: Sub-Clause 7.4 Water Services Industry (Water Reticulation and Plumbing) (Amendment) Rules 2021, Part IV, Chapter 1, Division 7, Rule 78, SubClause (4)
Water Meter Meter Size: -dn 15 -dn 20 -dn 25 -dn 40 (endurance Test Bench)	1. Overload Water Temperature 2. Durability Test (Continuous and Discontinuous)	ISO 4064-2:2014: Sub-Clause 7.6 Sub-Clause 7.11
Water Meter Meter Size: -dn 50 -dn 80 -dn 100 -dn 150 -dn 200 (large Pressure Test Bench)	Static Pressure Test	ISO 4064-2:2014: Sub-Clause 7.3
Water Meter Meter Size: -dn 50 -dn 80	Intrinsic error (of indication)	Gravimetric method using weighing balance with references to ISO 4064- 2:2014: Sub-Clause 7.4
-dn 100 -dn 150 -dn 200 (large Test Bench)	Intrinsic error (of indication) at Permanent Flow Rate (Q3)	Gravimetric method using weighing balance with references to ISO 4064- 2:2014: Sub-Clause 7.4 Water Services Industry (Water Reticulation and Plumbing) (Amendment) Rules 2021, Part IV, Chapter 1, Division 7, Rule 78, SubClause (4)

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