Issue date: 17 January 2025
Valid Until: 13 August 2025

NO: SAMM 370
(Issue 1, 17 January 2025 replacement
of SAMM 370 dated 17 January 2025)

LABORATORY LOCATION/ CENTRAL OFFICE:	Malaysian Intelligence Meters Sdn Bhd No. 3, Jalan Pemberita U1/49 Temasya Industrial Park Seksyen U1, Glenmarie, 40150 Shah Alam, Selangor , 40150, SELANGOR MALAYSIA
ACCREDITED SINCE :	12 MARCH 2025
FIELD(S) OF TESTING:	ELECTRICAL
FIELD(S) OF CALIBRATION:	ELECTRICAL

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.**

CENTRAL LOCATION:	Malaysian Intelligence Meters Sdn Bhd No. 3, Jalan Pemberita U1/49 Temasya Industrial Park Seksyen U1, Glenmarie, 40150 Shah Alam, Selangor , 40150, Selangor
FIELD(S) OF TESTING :	ELECTRICAL,

SCOPE OF TESTING : ELECTRICAL

Material / Product Tested	**Type Of Test / Properties Measured / Range Of Measurement**	**Standard Test Methods / Equipment / Techniques**
Electric Energy Meter, Single Phase	1) Limit of Error due to variation of current	IEC 62053-21:2020 & IEC 62052-11:2020, clause 7.9
	2) Test of Starting and No Load Condition	IEC 62053-21:2020 & IEC 62052-11:2020, clause 7.6 & 7.7
	3) Meter Constant	IEC 62053-21:2020 & IEC 62052-11:2020, clause 7.4
Electronic Energy Meter, Three Phase	1) Limit of Error due to variation of current	IEC 62053-21:2020 & IEC 62053-23:2020, clause 7.9

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	2) Test of Starting and No Load Condition	IEC 62053-21:2020 & IEC 62053-23:2020, clause 7.6 & 7.7
	3) Meter Constant	IEC 62053-21:2020 & IEC 62053-23:2020, clause 7.4

CENTRAL LOCATION	Malaysian Intelligence Meters Sdn Bhd No. 3, Jalan Pemberita U1/49 Temasya Industrial Park Seksyen U1, Glenmarie, 40150 Shah Alam, Selangor , 40150, Selangor
FIELD(S) OF CALIBRATION :	ELECTRICAL,

SCOPE OF CALIBRATION : ELECTRICAL

Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (±)*	Remarks
1) Active Energy For	Voltage: 60 V to 276 V (Vp-n) Current: 0.01 A to 100 A Power Factor: 0.25 (Lag and Lead) 0.50 (Lag and Lead) 0.80 (Lag and Lead) 1.00 (Unity) Frequency: 45 Hz to 60 Hz	±0.04%	Procedure No. MIM-CL-W09
2) Reactive Energy For	Voltage: 60 V to 276 V (Vp-n) Current: 0.01 A to 100 A Power Factor: 0.25 (Lag and Lead) 0.50 (Lag and Lead) 0.80 (Lag and Lead) 1.00 (Unity) Frequency: 45 Hz to 60 Hz	±0.04%	Procedure No. MIM-CL-W09