Issue date: 06 April 2025
Valid Until: -

NO: SAMM 654

LABORATORY LOCATION/ CENTRAL OFFICE:	Jamac Metering Sdn Bhd No 32, Jalan Sungai Jeluh 32/192 Kawasan Perindustrian Kemuning, Seksyen 32 40460 Shah Alam, Selangor , 40460, SELANGOR MALAYSIA
ACCREDITED SINCE :	06 APRIL 2025
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	Jamac Metering Sdn Bhd No 32, Jalan Sungai Jeluh 32/192 Kawasan Perindustrian Kemuning, Seksyen 32 40460 Shah Alam, Selangor , 40460, Selangor
FIELD(S) OF CALIBRATION :	ELECTRICAL,

SCOPE OF CALIBRATION : ELECTRICAL

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
&2	Frequency: 50 Hz	None	
(electromechanical	Error at input levels:	None	reference to standards:
	0.866 (Lag and Lead),	None	
A) Single Phase	Energy Measurement	None	In-house calibration
Active Energy	(Vp-n)	0.04 %	MS/IEC 62053-21:2009
	Frequency: 50 Hz	0.04 %	
And Static)	Voltage: 57 V to 276 V	None	

Issue date: 06 April 2025
Valid Until: -

NO: SAMM 654

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
	(Vp-n)	None	MS/IEC 62053-11:2009
	1.00 (Unity)	None	
B) Three-phase	Power Factor:	None	MS/IEC 62053-23:2009
Classes 0.2s, 0.5s, 1	Frequency: 50 Hz	None	
Classes 1 And 2	Current: 0.01 A to 100 A	None	MS/IEC 62053-22:2009
Classes 2 & 3	Frequency: 50 Hz	None	
Energy Meter	Error at input levels:	None	procedure with
	0, 0.50 (Lag and Lead),	None	
	of current	None	
	of current	MS/IEC 62053-22:2009 clause 8.1	
	of current	MS 2689:2028	
Reactive Energy	Frequency: 50 Hz	0.04 %	
	None	None	