

Schedule

Issue date: 06 April 2025
Valid Until: -



NO: SAMM 955

Page: 1 of 3

LABORATORY LOCATION/ CENTRAL OFFICE:	AAE Service & Calibration Laboratory, Active Acoustic Engineering Sdn. Bhd. E-43-1, Block E, Jalan Teknologi 3/9, Bistari DeKota, Kota Damansara, 47810 Petaling Jaya Selangor , 47810, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	06 APRIL 2025
FIELD(S) OF CALIBRATION:	ACOUSTIC 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	AAE Service & Calibration Laboratory, Active Acoustic Engineering Sdn. Bhd. E-43-1, Block E, Jalan Teknologi 3/9, Bistari DeKota, Kota Damansara, 47810 Petaling Jaya Selangor , 47810, Selangor
FIELD(S) OF CALIBRATION :	ACOUSTIC & VIBRATION, ELECTRICAL

SCOPE OF CALIBRATION : ACOUSTIC

Instrument Calibrated/Masurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
Calibrated/ Measurement Parameter	Range	Measurement Capability Expressed as an Uncertainty(+)*	Remarks
Meter / Sound Analyzer	Level Linearity on the reference	None	
Noise Dosimeter	None	None	Comparison with

Schedule

Issue date: 06 April 2025
Valid Until: -



NO: SAMM 955

Page: 2 of 3

Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
Sound Calibrator Class 1&2	Frequency at 250 Hz and 1 kHz. Referenced at 94 dB and 114 dB	0.07 Hz	and reference sound calibrator. ASCL-CP- 08 Sound Calibrator procedure with reference IEC
Sound Level	Reference at 94 dB	0.1 dB	
Ws2 Microphone	Pressure sensitivity 10Hz to 20kHz Referenced at 94 dB.	0.33 dB	ASCL-CP-10 Microphone Calibration Procedure with reference to IEC

Scan this QR Code or visit <https://accreditation.ism.gov.my/public/listing/cab/samm-ct/3004250> for the current scope of accreditation

NO: SAMM 955

Page: 3 of 3

SCOPE OF CALIBRATION : ELECTRICAL

Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
Calibrated/ Measurement	Range	Measurement Capability Expressed as	Remarks
	Range	Measurement Capability expressed as an	Remarks
	Range	Measurement Capability expressed as an	Remarks
	Range	Measurement Capability expressed as an uncertainty	Remarks
	Range	Measurement Capability expressed as an uncertainty	Remarks
	Range	Measurement Capability expressed as an uncertainty	Remarks
Fixed Gas Detection	(16% Vol)	0.64% Vol	reference to:
Parameter	None	an Uncertainty (+)*	
	None	uncertainty (+)*	
	None	uncertainty (+)*	
	None	None	
	None	None	
	None	None	
Portable Gas Detector (laboratory)	CO (100 ppm) CHs (2.5% Vol) H ₂ S (25 ppm) Oz (18.0%) Oz (20.9%) Oz (50ppm)	6.0 ppm 0.15% Vol 1.0 ppm 1.0% Vol 0.5% Vol 1.6 ppm	Direct measurement using standard gases with reference to: ISO/IEC 60079-29-1; 2016-07 ii. ISO/IEC 60079-29-2; 2015-03
System	NH ₃ (50 ppm)	3.2 ppm	ISO/IEC 60079-29-1;