


NO: SAMM 746

Page: 1 of 2

LABORATORY LOCATION/ CENTRAL OFFICE:	Sermax Automation Sdn. Bhd. No.19, Jalan Sungai Rasau E32/E, Berjaya Park, Seksyen 32, 40460 Shah Alam, Selangor , 40460, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	10 JUNE 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	Sermax Automation Sdn. Bhd. No.19, Jalan Sungai Rasau E32/E, Berjaya Park, 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 (\pm)*	Remarks
Portable Gas Detector Carbon Monoxide	100 ppm	3.0 ppm	Direct measurement using reference gas
Portable Gas Detector Hydrogen Sulphide	25 ppm	11.0 ppm	Direct measurement using reference gas
Portable Gas Detector Methane	33% LEL	1.8% LEL	Direct measurement using reference gas
Portable Gas Detector Oxygen	18% vol	1.2% vol	Direct measurement using reference gas
Fixed Gas Detector Methane	33% LEL	1.7% LEL	Direct measurement using reference gas

Schedule

Issue date: 10 June 2025
Valid Until: 10 June 2030



NO: SAMM 746

Page: 2 of 2

Instrument Calibrated/Masurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (\pm)*	Remarks
Fixed Gas Detector Oxygen	20.9% vol	1.2% vol	Direct measurement using reference gas

SITE LOCATION (HQ)	1. Sermax Automation Sdn. Bhd. No.19, Jalan Sungai Rasau E32/E, Berjaya Park, Seksyen 32, 40460 Shah Alam, Selangor,MALAYSIA
FIELD(S) OF CALIBRATION :	ELECTRICAL

SCOPE OF CALIBRATION : ELECTRICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques	Remarks
Fixed Gas Detector Oxygen	20.9% vol	1.2% vol	Direct measurement using reference gas
Fixed Gas Detector Methane	33% LEL	1.7% LEL	Direct measurement using reference gas

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