Issue date: 07 June 2024
Valid Until: 27 June 2029

NO: SAMM 882

LABORATORY LOCATION/ CENTRAL OFFICE:	Gas Laboratory, Ansactech (M) Sdn. Bhd. 30-G, JALAN DELTA U6/18 TAMAN PERINDUSTRIAN SUNWAY SUBANG SEKSYEN U6 40150 SHAH ALAM, SELANGOR MALAYSIA , 40150, SELANGOR MALAYSIA
ACCREDITED SINCE :	12 MARCH 2025
FIELD(S) OF CALIBRATION:	ELECTRICAL FLOW

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	Gas Laboratory, Ansactech (M) Sdn. Bhd. 30-G, JALAN DELTA U6/18 TAMAN PERINDUSTRIAN SUNWAY SUBANG SEKSYEN U6 40150 SHAH ALAM, SELANGOR MALAYSIA , 40150, Selangor
FIELD(S) OF CALIBRATION :	ELECTRICAL, FLOW

SCOPE OF CALIBRATION : ELECTRICAL

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Portable Gas Detector - Co - H2s - O2 - O2 - Ch4	100 ppm 25 ppm 18.0 %vol 20.9 %vol 50 %LEL	4.0 ppm 2.7 ppm 0.5 %vol 0.5 % vol 2.0 % LEL	Direct measurement using reference gases

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Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Transportable Gas Detection System - Co - H2s - O2 - O2 - Ch4	100 ppm 25 ppm 18.0 %vol 20.9 %vol 50 %LEL	4.0 ppm 2.7 ppm 0.5 %vol 0.5 % vol 2.0 % LEL	Direct measurement using reference gases

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SCOPE OF CALIBRATION : FLOW

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Digital Mass Flow Controller/ Meter - Medium Air	5 scc/ min to 50 sl/min	0.25% of reading	Direct measurement using primary flow cell
Direct Volumetric Flow Controller/ Meter - Medium Air	5 cc/ min to 50 l/min	0.25% of reading	Direct measurement using primary flow cell
Rotameter - Medium Air	5 cc/ min to 50 l/min	3.5% of reading	Direct measurement using primary flow cell

SITE LOCATION (HQ)	1.
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**
Portable Gas Detector - Co - H2s - O2 - O2 - Ch4	100 ppm 25 ppm 18.0 %vol 20.9 %vol 33%LEL	4.0 ppm 2.7 ppm 0.5 %vol 0.5% vol 2.0% LEL	Direct measurement using reference gases
Transportable Gas Detection System - Co - H2s - O2 - O2 - Ch4	100 ppm 25 ppm 18.0 %vol 20.9 %vol 33%LEL	4.0 ppm 2.7 ppm 0.5 %vol 0.5% vol 2.0% LEL	Direct measurement using reference gases