

Schedule

Issue date: 07 May 2025
Valid Until: -



NO: SAMM 1061

(Issue 2, 07 May 2025 replacement
of SAMM 1061 dated 04 July 2023)

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LABORATORY LOCATION/ CENTRAL OFFICE:	Calibration Laboratory, MAB Engineering Services Sdn. Bhd. (MABES) 1 ST FLOOR HANGAR 5 SOUTH SUPPORT ZONE KLIA 64000 SEPANG, SELANGOR , 64000, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	11 APRIL 2022
FIELD(S) OF CALIBRATION:	DIMENSIONAL TORQUE

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	Calibration Laboratory, MAB Engineering Services Sdn. Bhd. (MABES) 1 ST FLOOR HANGAR 5 SOUTH SUPPORT ZONE KLIA 64000 SEPANG, SELANGOR , 64000, Selangor
FIELD(S) OF CALIBRATION :	DIMENSIONAL, TORQUE

SCOPE OF CALIBRATION : DIMENSIONAL

Instrument Calibrated/Masurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
Vernier Caliper	0 to 6 in	0.0006 in	Calibrated with reference to BS EN 13385- 1:2019 and inhouse procedure CP002

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Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
	0 to 12 in	0.0006 in	Calibrated with reference to BS EN 13385- 1:2019 and inhouse procedure CP002
	0 to 40 in	0.001 in	Calibrated with reference to BS EN 13385- 1:2019 and inhouse procedure CP002
	0 to 150 mm	0.005 mm	Calibrated with reference to BS EN 13385- 1:2019 and inhouse procedure CP002

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SCOPE OF CALIBRATION : TORQUE

Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty ($\pm$)*	Remarks
Torque Wrench	40 to 250 lbf.ft	0.5 lbf.ft	Calibrated with reference to ISO 6789-1:2017 and ISO 6789- 2:2017 and inhouse procedure CP001.
	0 to 600 lbf.ft	4.5 lbf.ft	Calibrated with reference to ISO 6789-1:2017 and ISO 6789- 2:2017 and inhouse procedure CP001.
	10 to 50 lbf.in	0.16 lbf.in	Calibrated with reference to ISO 6789-1:2017 and ISO 6789- 2:2017 and inhouse procedure CP001.
	40 to 200 lbf.in	1.4 lbf.in	Calibrated with reference to ISO 6789-1:2017 and ISO 6789- 2:2017 and inhouse procedure CP001.
	200 to 100 lbf.in	3.6 lbf.in	Calibrated with reference to ISO 6789-1:2017 and ISO 6789- 2:2017 and inhouse procedure CP001.

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