Schedule

Issue date: 19 March 2025
Valid Until: -

NO: SAMM 1025

LABORATORY LOCATION/ CENTRAL OFFICE:	TMP Laboratory, Tools & Machinery Part Supplies Sdn. Bhd. No. 10, Jalan TSB, Sungai Buloh Industrial Park, 47000 Sungai Buloh Selangor , 47000, SELANGOR MALAYSIA
ACCREDITED SINCE :	19 MARCH 2025
FIELD(S) OF CALIBRATION:	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.**

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SCOPE OF CALIBRATION : TORQUE

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Hand Torque Tools	0.06 N.m to	1.6% of Reading	
	0.3 N.m	1.5% of Reading	Calibration using
	6 N.m to	0.9% of Reading	reference torque
	20 N.m to	0.4% of Reading	testers with
	100 N.m to	0.4% of Reading	reference to ISO
	500 N.m to	0.9% of Reading	6789-2:2017
	1000 N.m to to 2100 N.m	0.7% of Reading	

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Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
	2N.m to	1.9 % of rdg. 1.1 % of rdg 0.8 % of rdg 0.4 % of rdg 0.3 % of rdg	Calibrated by using torque calibrator based on ISO 6789-2:2017
	0.3 N.m	3.0% of reading	Calibration using torque transducers
	2.N.m to 1500 N.m	1.0%	
	2.N.m to 1500 N.m	None	2. The CMC quoted is
	2.N.m to 1500 N.m	None	the relative expanded
	2.N.m to 1500 N.m	None	uncertainty at each
	2.N.m to 1500 N.m	None	calibration point