


NO: SAMM 966

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LABORATORY LOCATION/ CENTRAL OFFICE:	Indpro Calibration Lab, Indpro (M) Sdn. Bhd. 27, Jalan PJU 3/49 Sunway Damansara, 47810 Petaling Jaya Selangor , 47810, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	06 APRIL 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.**

CENTRAL LOCATION	Indpro Calibration Lab, Indpro (M) Sdn. Bhd. 27, Jalan PJU 3/49 Sunway Damansara, 47810 Petaling Jaya Selangor , 47810, Selangor
FIELD(S) OF CALIBRATION :	TORQUE,

SCOPE OF CALIBRATION : TORQUE

Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (\pm)*	Remarks
Hand Held Torque Tools	None	0.035Nm	
	Above 10 Nm to 50Nm	0.0041 of reading + 0.19Nm	Based on ISO 6789:2017 Part 1 & Part 2
	Above 50 Nm to 500Nm	0.0013 of reading + 0.64Nm	Based on ISO 6789:2017 Part 1 & Part 2
	Above 500 Nm to 1500 Nm	0.0003 of reading + 5.6	Based on ISO 6789:2017 Part 1 & Part 2

Schedule

Issue date: 06 April 2025
Valid Until: -



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Instrument Calibrated/Measurement Parameter	Range	Calibration and Measurement Capability Expressed as an Uncertainty (\pm)*	Remarks
	None	IEC 60745-1:2006	
Torque Power Tools (electric)	1Nm to 5 Nm Above 5 Nm to 20 Nm Above 20 Nm to 75 Nm	0.02 Nm 0.07 Nm 0.42 Nm	By using Inline Rotary Torque Transducer and
	1Nm to 5Nm Above 5Nm to 20Nm Above 20Nm to 75Nm	0.02 Nm 0.07 Nm 0.42 Nm	By using Stationary Reaction Torque Transducer. Measurement of
Torque Power Tools (pneumatic)	1Nm to 5 Nm Above 5 Nm to 20 Nm Above 20 Nm to 75 Nm Above 75 Nm to 180 Nm Above 180 Nm to 500 Nm	0.04 Nm 0.50 Nm 1.0Nm 0.94 Nm	Transducer. Measurement of mean value and deviation in clockwise direction only.
	1Nm to 5Nm Above 5Nm to 20Nm Above 20Nm to 75Nm	0.04 Nm 0.15 Nm 0.50 Nm	mean deviation in clockwise direction only.

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