Schedule

Issue date: 07 July 2025
Valid Until: -

NO: SAMM 1183

LABORATORY LOCATION/ CENTRAL OFFICE:	ATS Calibration Laboratory Accurate Technology & Services Sdn. Bhd. No. 9, Jalan TK 5/39 Kinrara Industrial Park 47100 Puchong, Selangor , 47100, SELANGOR MALAYSIA
ACCREDITED SINCE :	07 JULY 2025
FIELD(S) OF CALIBRATION:	DIMENSIONAL

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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FIELD(S) OF CALIBRATION :	DIMENSIONAL,

SCOPE OF CALIBRATION : DIMENSIONAL

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Pin Gauge (diameter)	0 - 100mm (or equivalent to inch)	0.42 + 0.001* L, mm (L = length in mm)	Calibration: according ULM 3.3. 1:9
Plain Plug Gauge (diameter)	0 – 100mm (or equivalent to inch)	0.42+ 0.001* L, mm (L = length in mm)	Calibration: according ULM 3.3. 1:9

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Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Plain Ring Gauge (diameter)	2 - 50mm	1.4+ 0.001* L, mm (L = length in mm)	Calibration: according ULM : 2.4.1
	**50 - 100mm (or equivalent to inch)	1.4+ 0.001* L, mm (L = length in mm)	Calibration: according ULM : 2.4.1
Screw Plug (simple Pitch Diameter)	0 - 100mm Above 100mm	2.2+ 0.001* L, mm (L = length in mm)	Calibration: according ULM 3.3. 1:10
(major Diameter)	0 - 100mm Above 100mm (or equivalent to inch)	2.1 + 0.001* L, mm (L = length in mm)	Calibration: according ULM 3.3. 1:10
Screw Ring (simple Pitch Diameter)	0 - 20mm 20 - 100mm	1.4+ 0.001* L, mm (L = lengt-„Ž in mm)	Calibration: according ULM 2.4. 1
(minor Diameter)	2 - 50mm **50 - 100mm (or equivalent to inch)	1.4+ 0.001* L, mm (L = lengt-„Ž in mm)	Calibration: according ULM 2.4. 1
Jig And Part Fixture (distance, Thickness, Diameter, Radius,parallelism, Plane Flatness, Circularity)	0.001mm - 1000mm	2.2+ 0.001* L, mm (L = lengt-„Ž in mm)	Calibration: using CMM
Dial Gauge	20 – 100mm (Graduaton below 10 µm)	0.33+ 0.001* L, mm (L = length in mm)	Calibration : using Universal Length Machine based on JIS B 7503 :1997
Dial Test Indicator	0 – 3mm (Graduaton below 10 µm)	0.33+ 0.001* L, mm (L = length in mm)	Calibration : using Universal Length Machine based on JIS B 7503 :1997

SITE LOCATION (HQ)	1. Category III
FIELD(S) OF CALIBRATION :	DIMENSIONAL

SCOPE OF CALIBRATION : DIMENSIONAL

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Material / Product Tested	**Type Of Test / Properties Measured / Range Of Measurement**	**Standard Test Methods / Equipment / Techniques**	**Remarks**
Linear Height Gauge	1 – 600mm 600 – 1000mm	1.7+ 0.001* L, mm (L = length in mm) 2.2+ 0.001* L, mm (L = length in mm)	Calibration: using Step Gauge based on BS EN ISO 13225 : 2012