Schedule

Issue date: 12 August 2025
Valid Until: -

NO: SAMM 931
(Issue 3, 12 August 2025 replacement
of SAMM 931 dated 23 June 2025)

LABORATORY LOCATION/ CENTRAL OFFICE:	Metrology Laboratory, Airfoil Services Sdn. Bhd. No. 12, Jalan Teknologi Taman Sains Selangor 1 Kota Damansara PJU5 47810 Petaling Jaya, Selangor , 47810, SELANGOR MALAYSIA
ACCREDITED SINCE :	12 AUGUST 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.**

CENTRAL LOCATION	Metrology Laboratory, Airfoil Services Sdn. Bhd. No. 12, Jalan Teknologi Taman Sains Selangor 1 Kota Damansara PJU5 47810 Petaling Jaya, Selangor , 47810, Selangor
FIELD(S) OF CALIBRATION :	DIMENSIONAL,

SCOPE OF CALIBRATION : DIMENSIONAL

Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Caliper	0mm to 300mm 300mm to 600mm	3 µm 7 µm	Calibrated using caliper checker and gauge block with reference to JIS B 7507
Dial Gauge	0mm to 50mm	2 µm	Calibrated using i-Checker with reference to JIS B 7503

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Instrument Calibrated/Measurement Parameter	**Range**	**Calibration and Measurement Capability Expressed as an Uncertainty (±)***	**Remarks**
Dial Test Indicator	0mm to 1.6mm	0.7 µm	Calibrated using i-Checker with reference to JIS B 7533
Digital Indicator	0mm to 50mm	0.7 µm	Calibrated using i-Checker and gauge block with reference to ASME B 89.1.10M
Fixture And Jigs Using Coordinate Measuring Machine	Up to 200 mm 200 mm to 500 mm 500 mm to 700 mm Up to 360°	0.001 mm 0.002 mm 0.003 mm 0.002°	Calibrated as per inhouse calibration procedure CP-08
Fixture And Jigs Using Video Measuring Machine	Up to 40 mm 40 to 200 mm	0.001 mm 0.002 mm	Calibrated as per in-house calibration procedure CP-08
Height Gauge	0mm to 600mm	8 µm	Calibrated using caliper checker and gauge block with reference to JIS B 7517
Micrometer	0mm to 25mm	0.6 µm	Calibrated using gauge block with reference to JIS B 7502
Thickness Gauge	0mm to 50mm	0.7 µm	Calibrated using gauge block with reference to ASME B 89.1.10M