Issue date: 12 August 2025
Valid Until: -

NO: SAMM 1066
(Issue 2, 12 August 2025 replacement
of SAMM 1066 dated 25 April 2022)

LABORATORY LOCATION/ CENTRAL OFFICE:	MSP Metrology (M) Sdn. Bhd. No. 10, Jalan Gemilang 9, Taman Perindustrian Cemerlang, 81800 Ulu Tiram, Johor Bahru , 81800, JOHOR MALAYSIA
ACCREDITED SINCE :	12 AUGUST 2025

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).

SITE LOCATION (HQ)	1. CATEGORY III
FIELD(S) OF CALIBRATION :	DIMENSIONAL,HARDNESS

SCOPE OF CALIBRATION : HARDNESS

Material / Product Tested	**Type Of Test / Properties Measured / Range Of Measurement**	**Standard Test Methods / Equipment / Techniques**	**Remarks**
Indirect Verification For Rockwell Hardness Tester	HRB 35 HRB 60 HRB 80 HRC 25 HRC 40 HRC 60 HRA 35 HRA 55 HRA 85	HRB 0.4 HRB 0.3 HRB 0.4 HRC 0.4 HRC 0.2 HRC 0.2 HRA 0.4 HRA 0.4 HRA 0.2	Calibration by using hardness test block as per calibration procedure MSPCP-01 with reference to JIS B7726 and ASTM E18
Indirect Verification For Brinell Hardness Tester	150 HBW 350HBW 550HBW	1.6 HBW 3.3 HBW 6.4 HBW	Calibration by using hardness test block as per calibration procedure MSPCP-01 with reference to JIS B7724 and ASTM E10

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques	Remarks
Indirect Verification For Vickers Hardness Tester	200 HV 0.1 400 HV 0.1 200HV 1 700HV 1 400HV 10 700 HV 10	8.3 HV 0.1 16 HV 0.1 5.0 HV 1 10 HV 1 2.8 HV 10 8.8 HV 10	Calibration by using hardness test block as per calibration procedure MSPCP-01 with reference to JIS B7725 and ASTM E92

SCOPE OF CALIBRATION : DIMENSIONAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques	Remarks
Profile Projector/measuring Microscope (range On Individual Linear Axis Only)	Up to 100mm 100 to 200mm 200 to 300mm 300mm to 500mm	3.0 mm 3.4 mm 3.8 mm 5.0 mm	Calibration by glass scale as per In-house calibration procedure MSPCP-03 with reference to JIS B7184 and JIS B7153
Video Measurement Machine (range On Individual Linear And Plane Diagonal Axes)	Up to 100mm 100 to 200mm 200 to 400mm 400mm to 500mm	0.4 mm 0.6 mm 0.7 mm 5.0 mm	Calibration by using glass scale as per inhouse calibration procedure MSPCP-02 with reference to ISO 10360-7
Surface Roughness Tester (range Checking On Ra Only)	3.17 mm 0.40 mm	0.080 mm 0.080 mm	Calibration by using roughness Specimen as per in-house calibration procedure MSPCP-04 with reference to JIS B0651
Surface Roughness Specimen (range Checking On Ra Only)	Up to 360 mm	0.065 mm	Calibration by using roughness Tester as per inhouse calibration procedure MSPCP-05 with reference to JIS B0659