

Schedule

Issue date: 03 January 2023
Valid until: 05 July 2024



NO: SAMM 274

Issue 2, 03 January 2023 replacement
of SAMM 459 dated 23 April 2021)

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LABORATORY LOCATION:
(PERMANENT LABORATORY)



MENTRADE TESTING SERVICES SDN. BHD.
NO. 64, JALAN LAGENDA 3
LAGENDA INDUSTRIAL PARK
81000 KULAI
JOHOR, MALAYSIA

FIELDS OF TESTING:

MECHANICAL & CHEMICAL

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).

SCOPE OF TESTING: MECHANICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Metals & Metal Products	Tensile Tests at ambient temperature in the range of 0 kN to 1000 kN i) Tensile Strength ii) Yield Strength / Proof Stress iii) Elongation iv) Reduction of area v) Modulus of Elasticity	ASTM A370 - 2021 ASTM B557 - 2015 ASTM E8 / E8M - 2021 BS EN ISO 6892-1:2019
	Through Thickness Tensile Test	ASTM A770 / A770M - 03(2018) BS EN 10164:2018
	Hardness Tests i) Vickers hardness test in the range of 0.3 kgf to 20 kgf ii) Rockwell hardness 'C' scale	ASTM E92 - 2017 BS EN ISO 6507-1:2018 BS EN ISO 9015-1:2011 ASTM E18 - 2020 BS EN ISO 6508-1:2016
	Impact Test – Charpy V-notch impact tests from ambient temperature / sub-zero temperature (up to – 101 °C and Liquid Nitrogen condition)	ASTM A370 - 2021 ASTM E23 - 2018 BS EN ISO 148-1:2016

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