

Schedule

Issue date: 26 March 2025
Valid Until: -



NO: SAMM 274

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LABORATORY LOCATION/ CENTRAL OFFICE:	Mentrade Testing Services Sdn Bhd No. 64, Jalan Lagenda 3 Lagenda Industrial Park , 81000, JOHOR MALAYSIA
	
ACCREDITED SINCE :	26 MARCH 2025
FIELD(S) OF TESTING:	CHEMICAL MECHANICAL

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).

CENTRAL LOCATION:	Mentrade Testing Services Sdn Bhd No. 64, Jalan Lagenda 3 Lagenda Industrial Park , 81000, Johor
FIELD(S) OF TESTING :	CHEMICAL, MECHANICAL

SCOPE OF TESTING : CHEMICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Composition	None	None
Determination Of Metal	None	None
I) Carbon & Low-alloy Steels	Al, C, Cr, Cu, Mn, Mo, Ni, Nb, P, Si,	ASTM E415 - 17
li) Stainless Steels	C, Cr, Cu, Mn, Mo, Ni, P, Si, S	ASTM E1086 - 14

SCOPE OF TESTING : MECHANICAL

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Metals & Metal Products	Tensile Tests at ambient temperature	ASTM A370 - 20
	Bend Test	ASTM A370 - 20
	None	None
Pipes	None	AWS B4.0:2016
	None	ASTM A370 - 20
	range of 0.3 kgf to 20 kgf	ASTM E92 - 17
	qualification of Welding Procedure (WPS), Welder (WQT) and Production Control Test Plate (mock-up test).	API 1104:2018 ASME IX:2017 AWS D1.1:2020 AWS D1.2:2014
Reinforcement Bar	i) Tensile Test	BS 4449:2005+A2:2016
	Tensile Properties (Yield	MS 146: 2014, Clause 7.3.3 BS EN
	Tensile Strength And Yield	MS 146 : 2014
	Tensile Test (Yield strength, Ratio of tensile strength/ yield strength, Percentage of total elongation at maximum force)	Based on MS 146:2014 (Cl. 7.3.3) BS 4449:2005+A3:2016 (Clause 7.2.3) ISO 6892- 1:2019
	Tensile Test	MS 146:2014 (Clause 7.3.3)
	Tensile Test	MS 146:2014 (Clause 7.3.3)
	None	BS 4449:2005+A3:2016
Welded Structures/ Plates/	i) Transverse Weld Tensile Test	BS EN ISO 4136:2012
	ii) Bend Test	BS EN ISO 5173:2010+A1:2011
	vii) Vickers hardness test in the	BS EN ISO 6507-1:2018

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