


# Schedule

Issue date: 26 March 2025  
Valid Until: -



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<b>LABORATORY LOCATION/ CENTRAL OFFICE:</b>	SSB Testing Laboratory, Southern Steel Berhad 2723, Lorong Perusahaan 12 Prai Industrial Estate 13600 Prai, Pulau Pinang , 13600, PULAU PINANG MALAYSIA
	
<b>ACCREDITED SINCE :</b>	26 MARCH 2025
<b>FIELD(S) OF TESTING:</b>	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).

<b>CENTRAL LOCATION:</b>	SSB Testing Laboratory, Southern Steel Berhad 2723, Lorong Perusahaan 12 Prai Industrial Estate 13600 Prai, Pulau Pinang , 13600, Pulau Pinang
<b>FIELD(S) OF TESTING :</b>	MECHANICAL,

## SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
(exclude Element Of Nitrogen)	None	None
Carbon & Low Alloy	spectrometry	None
Carbon & Low Alloy Steel	Metallography	ASTM E3-11 (Reapproved 2017)
Metal Products Stainless Steel	Elementary analysis arc spark	ASTM A751-20
Metallic Materials/ Steel Products	Tensile test	MS ISO 6892-1:2017 ISO 6892-1:2019
	Tensile test	ASTM A370-20 Clause 5 to 13
	Tensile test	JIS Z 2241:2011
	Tensile test	AS 1391: 2020
Steel	None	ASTM E1086-14
	Liquid Penetrant Test	ASME Sect V: Article 6:2013
	Stainless Steel	Clause 6.9.3.2 and 6.9.3.3
	Determination of Elements in	ASTM E415-17

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Steel & Iron	Nitrogen by the inert gas fusion	ASTM E1019-18
Steel Bars For Reinforcement Of Concrete Size: 9 Mm To 40 Mm	Tolerance on cut length, mass and cross sectional dimensions	MS 144:2014 Clause 7.3 MS 146: 2014 Clause 7.4 BS 4449:2005+A3:2016 Clause 7.3
	Tensile test (Up to 200 tonnes) Upper yield strength Tensile strength - Elongation	MS 144:2014 Clause 7.2 MS 146: 2014 Clause 7.3 BS 4449:2005+A3:2016 Clause 7.2 MS ISO 15630-1:2012
	Bend test	MS 146: 2006 Clause 16.2
	Rebend test	MS 144:2014 Clause 7.2.4

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