

Schedule

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LABORATORY LOCATION/ CENTRAL OFFICE:	BS Testing Laboratory (Sel) Sdn. Bhd. No. 42A, Jalan Saujana KLIA 1/A Taman Saujana KLIA 43900 Sepang, Selangor , 43900, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	19 MARCH 2025
FIELD(S) OF TESTING:	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:	BS Testing Laboratory (Sel) Sdn. Bhd. No. 42A, Jalan Saujana KLIA 1/A Taman Saujana KLIA 43900 Sepang, Selangor , 43900, Selangor
FIELD(S) OF TESTING :	MECHANICAL,

SCOPE OF TESTING : MECHANICAL

Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
Bar	800 KN	BS EN ISO15630-1: 2019 Clause 5
	None	None
	None	ASTM E 290 14
	None	None
	None	ASTM E 290 14
	0 mm to 300 mm	Where = nominal length
	0 mm to 300 mm	inmm
	0 mm to 300 mm	None
	0 mm to 300 mm	None
	0 mm to 300 mm	None
	0 mm to 300 mm	None
	0 mm to 300 mm	None

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	0 mm to 300 mm	None
Concrete	Concrete Cube Compressive Strength	MS EN 12390-3: 2012
	Cube Compressive Strength	BS EN 12390-3:2019 MS EN 12390-3:2012
	Core Compressive Strength	BS EN 12390-3:2019 MS EN 12390-3:2012
	Water Absorption	BS 1881: Part 122:2011+A1:2020 MS 26: Part 2, Section 9: 1991
	Water Permeability	BS EN 12390-8:2019 MS EN 12390-8:2012
	Initial Surface Absorption (ISAT)	BS 1881: Part 208:1996
	Density of Concrete	BS EN 12390-7:2019 MS EN 12390-7:2012
	Compressive Strength of Concrete Cube	MS EN 12390 : Part 3 : 2012
	Determination of Compressive Strength of	BS EN 12390 : Part 3 : Annex B BS EN 12504-1:2019
	Ultrasonic Pulse Velocity Test	BS EN 12504 -" 4: 2021
	Ultrasonic Pulse Velocity Test	BS EN 12504 -" 4: 2021
	c) Weld	None
	a) Tensile	BS EN ISO 15630-2: 2010
	c) Rebend	sampling
	Initial Surface Absorption	BS 1881:Part 208:1996
	Electrical Indication of	None
	ii Yield Strength	None
	iii Elongation after Fracture	None
	iv Elongation at Maximum	None
	Forces (as defined in MS ISO 15630-1: 2012)	None
	Cubes	None
	Compressive Strength of Concrete Cores	BS 1881: Part 120: 1983 BS EN 12504-1: 2019
	Height of Compacted Bituminous Paving Mixture Specimen	None
	Compressive Strength of Test Specimens	Compressive Strength of Test Specimens
	Compressive Strength of Test Specimens	
	Density of Hardened Concrete	Density of Hardened Concrete
	Density of Hardened Concrete	
	Depth of Penetration of Water Under Pressure	Depth of Penetration of Water Under Pressure
	Depth of Penetration of Water Under Pressure	

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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Cored Specimen- Taking,BS EN 12504-1:2019 Cored Specimen- Taking,	Cored Specimen- Taking,
Reinforcement Steel	Tensile Strength Test in the range of 0 to	MS 146: 2014 Clause 7.3.3 & 9
Round Steel Bar	Tensile Strength Test in the range of 0 of	MS144: 2014 Clause 7.3.3 & 9
Steel Fabric	Tensile Strength Test in the range of 0 to	MS145: 2014 Clause 7.2.3 & 9
	Tensile Tests for determination of:	ISO 15630-2 : 2019 Clause 5
	Measurement of The Geometrical	ISO 15630-2 : 2019 Clause 10.1
	Tensile Tests for determination of:	ISO 15630-2 : 2019 Clause 5
	Measurement of The Geometrical	ISO 15630-2 : 2019 Clause 10.1

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