

Schedule

Issue date: 18 March 2025
Valid Until: -



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LABORATORY LOCATION/ CENTRAL OFFICE:	Northern Regional Laboratory, Jabatan Kerja Raya Sarawak (JKR) Lot 129A, Ex-Shell Quarters, Piasau Camp, Lutong 98000 Miri Sarawak , 98000, SARAWAK MALAYSIA
	
ACCREDITED SINCE :	18 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:	Northern Regional Laboratory, Jabatan Kerja Raya Sarawak (JKR) Lot 129A, Ex-Shell Quarters, Piasau Camp, Lutong 98000 Miri Sarawak , 98000, Sarawak
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
Aggregate	a) Determination of Particle Size Distribution of Fine and Coarse	MS 30: Part 4 : 1995 MS EN 933-1 : 2011
	Determination of Aggregate	BS 812: Part 110: 1990
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	*-œDetermination of Loose BulkBS EN 1097-3:1998	*-œDetermination of Loose Bulk
Concrete	*-œDetermination of Loose Bulk	
	Concrete Cube Compressive Strength	MS 26: Part 2: 1991 Section 3 MS EN 12390-3: 2012
	Density of Hardened Concrete Cube	MS 26: Part 2: 1991 Section 1 MS EN 12390-7: 2012

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	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	BS EN 12390 : Part 3 : Annex B
	Compressive Strength of	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	None
	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 Bar	a) Yield Strength (Method A)	ISO 6892-1:2019

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