

Schedule

Issue date: 06 April 2025
Valid Until: -



NO: SAMM 737

Page: 1 of 3

LABORATORY LOCATION/ CENTRAL OFFICE:	Setsco Services (M) Sdn. Bhd. 31, Jalan Industri Mas 12 Taman Mas 47100 Puchong, Selangor , 47100, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	06 APRIL 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).

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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
Hardened Concrete	Compressive Strength of Concrete Cube/Cylinder	BS EN 12390-3: 2019
	Compressive Strength of Concrete Core	BS EN 12504-1: 2019
	Flexural strength	BS EN 12390-5:2019
	Tensile splitting strength	BS EN 12390-6:2009
	Density	BS EN 12390-7:2019
	Depth of penetration of water under pressure	BS EN 12390-8:2019
	Determination of secant modulus of elasticity in compression	BS EN 12390-13:2013

Schedule

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NO: SAMM 737

Page: 2 of 3

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	Electrical indication of concrete- TM s ability to resist chloride ion penetration (RCPT)	ASTM C1202:2019
	Initial Surface Absorption Test (ISAT)	BS 1881: Part 208:1996
	Determination of Chloride	Clause 12.1
	Compressive Strength (Up to 3000kN)	BS EN 12390-3:2019
	Compressive Strength (Up to 3000kN)	MS EN 12390-3:2012
	Density	BS EN 12390-7:2019
	Compressive Strength of Cubes	BS EN 12390-3:2019
	Compressive Strength of Concrete	BS EN 12390-3: 2019
	Compressive strength of	MS EN 12390-3:2012
	Compressive Strength of	MS EN 12390-3:2012
	Compressive Strength of	BS EN 12504-1:2019
	Compressive Strength of	MS EN 12390-3:2012
	Compressive Strength of Concrete	MS EN 12504 : Part 1 : 2013
	Compressive Strength of Test	BS EN 12390-3: 2019
	Compressive Strength of	BS EN 12390-3: 2019
	Compressive Strength of Concrete Cube	BS EN 12390-3:2009 MS EN 12390-3:2012
	Compressive Strength of Concrete Cube (0-2000 kN)	BS EN 12390-3:2009
	Density of Hardened Concrete	BS EN 12390-7:2009
	Surface Hardness Test by	BS EN 12504-2:2012
	Compressive Strength of	BS EN 12390-3: 2019
	Compressive Strength Test (Cubes, Cores & Cylinders)	BS EN 12390-3: 2019 (Test at ambient conditions)
	Surface Hardness Testing by	BS EN 12504 -" 2: 2021
	Compressive Strength Test (Cubes, Cores & Cylinders)	BS EN 12390-3: 2019 (Test at ambient conditions)
	Surface Hardness Testing by	BS EN 12504 -" 2: 2021
	Compressive Strength of Concrete Cube & Cylinder in the force range of OKN to	BS EN 12390-3:2009 MS EN 12390-3:2012
	Compressive Strength of Concrete Core in the force range of OKN to 3000kN	BS EN 12504-1:2009 MS EN 12504-1:2013
	Determination of Density	BS EN 12390-7:2009
	Determination of Density, Absorption and Voids	ASTM C 642:13
	Initial Surface Absorption	BS 1881 Part 208: 1996
	Rapid Chloride Permeability	AASHTO Designation T277:15
	7. Water Permeability	DIN 1048 Part 5: June 1991
	8. Static Modulus of Elasticity in	ISO 1920 Part 10: 2010
	Penetration Resistance in the	ASTM C 803/C 803M -18
	Compressive Strength of	None

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NO: SAMM 737

Page: 3 of 3

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	Rebound Hammer Test	BS EN 12504-2: 2021
	Compressive Strength of	MS EN 12390-3:2012
	Compressive Strength of Concrete Cube in the force range of 0 kN to 3000 kN	MS EN 12390-3:2012 BS EN 12390-3:2019
	Compressive Strength of	MS EN 12390-3: 2012
	Concrete Cube	(curing on specimens performed by
	Concrete Cube	customer)
	Compressive Strenght of Cubes	Test instruction reference to BS EN
Steel	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
Steel Reinforcement Bar	Tensile Properties (Yield Strength, Tensile Strength & Elongation)	MS 146: 2014 Clause 7.3.3 MS ISO 15630-1: 2012 BS EN ISO 6892-1: 2019
	Bending Properties	MS 146: 2014 Clause 7.3.5

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