


NO: SAMM 1142

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LABORATORY LOCATION/ CENTRAL OFFICE:	Pro Lab Engineering Services Sdn. Bhd. No. 21-G, Jalan Bidara 8, Saujana Utama 3 47000 Sungai Buloh Selangor , 47000, SELANGOR MALAYSIA
	
ACCREDITED SINCE :	28 FEBRUARY 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:	Pro Lab Engineering Services Sdn. Bhd. No. 21-G, Jalan Bidara 8, Saujana Utama 3 47000 Sungai Buloh Selangor , 47000, 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
Soils	Determination of Particle Size Distribution: Wet Sieving, Dry Sieving and Sedimentation by Hydrometer Method	BS 1377:2:1990, Clause 9.2, 9.3 & 9.5 MS 1056:2:2005, Clause 10.2, 10.3 & 10.5
	Determination of Moisture Content	BS 1377:2:1990, Clause 3.2 MS 1056:2:2005, Clause 4.2
	Determination of Density	BS 1377:2:1990, Clause 7.2 MS 1056:2:2005, Clause 8.2
	Linear Shrinkage	BS 1377:2:1990, Clause 6.5 MS 1056:2:2005, Clause 7.5
	Determination of Particle Density	BS 1377:2:1990, Clause 8.3 MS 1056:2:2005, Clause 9.3

Schedule

Issue date: 23 January 2025
Valid Until: 01 November 2028



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Material / Product Tested	Type Of Test / Properties Measured / Range Of Measurement	Standard Test Methods / Equipment / Techniques
	Determination of Liquid Limit Using Casagrande Method	BS 1377:2:1990, Clause 4.5 & 4.6 MS 1056:2:2005, Clause 5.5 & 5.6
	Determination of Liquid Limit Using Cone Penetrometer Method	BS 1377:2:1990, Clause 4.3 & 4.4 MS 1056:2:2005, Clause 5.3 & 5.4
	Determination of the Plastic Limit and Plasticity Index	BS 1377:2:1990, Clause 5 MS 1056:2:2005, Clause 6
Rocks	Uniaxial Compressive Strength of Intact Rock Core Specimens	ASTM D7012-23 Method C
	Determination of the Point Load Strength Index of Rock and Application to Rock Strength Classifications	ASTM D5731-16

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