

Schedule

Admaterials Technologies Pte Ltd
Changi East 3 Runway Operations
Changi Airport Package 2
Singapore

Certificate No. : LA-2008-0422-B-2
Issue No. : 2
Date : 20 September 2018
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FIELD OF TESTING : Civil Engineering Testing

MATERIALS / PRODUCTS TESTED	TESTS / PROPERTIES	STANDARD METHODS / TECHNIQUES / EQUIPMENT	SIGNATORY
A SOIL	1. California Bearing Ratio	ASTM D1883: 2016 BS 1377-4: 1990 Method 7	LJT, SW, WX
	2. Percentage of Swell	ASTM D1883: 2016	LJT, SW, WX
	3. Percentage of Fines Passing 0.063 mm Sieve	BS 1377-2: 1990, Section 9.2	LJT, SW, WX
	4. Liquid limit & Plasticity Index	BS 1377-2: 1990, Section 4.3 and 5 ASTM D4318: 2017	LJT, SW, WX
	5. Dry Density/Moisture Content relationship	BS 1377 Part 4: 1990 (Clause 3)	LJT, SW, WX
	6. Sieve Analysis	BS 1377-2: 1990, Section 9.3	LJT, SW, WX
B AGGREGATE	1. Sieve Analysis	ASTM C136 / C136M: 2014 SS 73: 1974	LJT, SW, WX
C SOIL-CEMENT MIXTURE (CEMENT TREATED BASE)	1. Compressive Strength of Moulded Soil-Cement Cylinders	ASTM D1633: 2017	LJT, SW, WX
	2. Moisture Density (Unit Weight) Relation of Soil-Cement Mixture	ASTM D558: 2011	LJT, SW, WX
	3. Measuring Thickness of Concrete Element Using Drilled Concrete Cores	ASTM C174 / C174M: 2017	LJT, SW, WX

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D HARDENED CONCRETE	1. Flexural Strength	BS EN 12390-5: 2009 BS 1881: Pt 118: 1983	LJT, SW, WX
	2. Compressive Strength of Cubes	BS EN 12390-3: 2009	LJT, SW, WX
E BITUMINOUS PREMIXES	1. Density of Bituminous Concrete in Place by Nuclear Methods	ASTM D2950 / D2950M - 14	LJT, SW, JUN

Approved Signatories

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Note:

This laboratory is accredited in accordance with the recognised International Standard ISO/IEC 17025. A laboratory's fulfilment 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. 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.