



No. 170

**Fugro Technical Services (Guangzhou) Limited**  
廣州市輝固技術服務有限公司

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**CLIENTELE** : Public  
**服務對象** : 公眾

**ACCREDITED TEST CATEGORIES** : Construction Materials 建築材料  
**認可測試類別**

**SCOPE OF ACCREDITATION** : As shown on the following pages 詳見後頁  
**認可範圍**

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TEST CATEGORY 測試類別	ITEMS, MATERIALS OR PRODUCTS TESTED 測試項目、材料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定測試或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CONSTRUCTION MATERIALS 建築材料	Aggregate	Aggregate Crushing Value Test	BS 812 : Part 110 : 1990
		Determination of Aggregate Impact Value	BS 812 : Part 112 : 1990 (AMD 8772)
		Bulk Density	BS 812 : Part 2 : 1975 (AMD 4615)
		Determination of Bulk Density, Voids & Bulking	BS 812 : Part 2 : 1995
		Aggregate Silt, Clay and Dust Content Test	BS 812 : Part 1 : 1975 (AMD 4875) (Decantation Method)
		Aggregate Elongation Index Test	BS 812 : Section 105.2 : 1990
		Determination of Flakiness Index	BS 812 : Section 105.1 : 1989
		Determination of Moisture Content	BS 812 : Part 109 : 1990 (Oven drying method)
		Aggregate Particle Densities and Water Absorption Test	BS 812 : Part 2 : 1995 (AMD 9195) (Gas Jar Method)
		Aggregate Particle Size Distribution Test	BS 812 : Section 103.1 : 1985 (AMD 6003) (Sieve analysis)
		Aggregate Relative Densities and Water Absorption Test	BS 812 : Part 2 : 1975 (AMD 4615) (Gas Jar Method)
		Determination of Ten Per Cent Fines Value	BS 812 : Part 111 : 1990
	Blocks & Bricks	Determination of Characteristic Compressive Strength of Interlocking Blocks	GS for Civil Engineering Work 1992 Edition , App 11.1 HKHA Specification (1998), RAP3. T010.2 to T060.2
		Determination of Compressive Strength of Precast Concrete Masonry Units	HKHA Specification (2000), RAP3. T010.3 to T060.3 BS 6073 : Part 1 : 1981 (AMD 4462) Appendix B
	Cement and Portland Pulverized Fuel Ash Cement	Compressive strength of broken mortar prism in the force range 6 kN – 250 kN	BS EN 196-1 : 1995
		Flexural strength of mortar prism in the force range 2 kN – 50 kN	BS EN 196-1 : 1995
		Density	BS EN 196-6 : 1992 : Annex NC
		Fineness Test Using Blaine Method	BS EN 196-6 : 1992 Clause 4
		Setting Times	BS EN 196-3 : 1995 Clause 6
		Soundness Test	BS EN 196-3 : 1995 Clause 7
Standard Consistence	BS EN 196-3 : 1995 Clause 5		

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CONSTRUCTION MATERIALS 建築材料	Concrete	Compressive Strength of Concrete Cores in the force range 50 kN – 3000 kN	CS1 : 1990 Section 15 (AMD 1201, 1203 & 1205)
		Compressive Strength of Concrete Cubes in the force range 50 kN – 3000 kN	CS1 : 1990 Section 12 (AMD 1201, 1202 & 1203)
		Curing of Test Specimens (Tropical zone temperature)	CS1 : 1990 Section 10 (AMD 1101)
		Density of Fresh Concrete	CS1 : 1990 Section 5 (AMD 1101)
		Density of Hardened Concrete	CS1 : 1990 Section 16 (AMD 1201 & 1203)
		Determination of Air Content of Fresh Concrete	CS1 : 1990 Section 6 (AMD 1101 & 1102)
		Making of test specimens (cubes)	CS1 : 1990 Section 7 (AMD 1101 & 1102)
		Mixing and Sampling Fresh Concrete in the Laboratory	CS1 : 1990 Section 11 (AMD 1201)
		Workability (Slump)	CS1 : 1990 Section 2 (AMD 1101 & 1102)
	Concrete (Site tests)	Curing of Test Specimens (Tropical zone temperature)	CS1 : 1990 Section 10 (AMD 1101)
		Density of Fresh Concrete	CS1 : 1990 Section 5 (AMD 1101)
		Making of test specimens (cubes)	CS1 : 1990 Section 7 (AMD 1101 & 1102)
		Obtaining Core Samples	CS1 : 1990 Section 15 (AMD 1201)
		Sampling of Fresh Concrete	CS1 : 1990 Section 1 (AMD 1101)
		Workability (Slump)	CS1 : 1990 Section 2 (AMD 1101 & 1102)

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CONSTRUCTION MATERIALS 建築材料	Pulverized Fuel Ash	Moisture Content.  Fineness  Density  Water Requirement  Strength Factor  Initial Setting Time  Soundness	BS 3892 : Part 1 : 1982 Appendix B (AMD 4629) BS 3892 : Part 1 : 1997 Annex C with modifications  BS 3892 : Part 1 : 1982 Appendix D (AMD 4629) BS 3892 : Part 1 : 1997 Annex D with modifications BSEN 451-2:1995  BS 3892 : Part 1 : 1997 Clause 7  BS 3892 : Part 1 : 1982 Appendix E (AMD 4629) BS 3892 : Part 1 : 1997 Annex E  BS 3892 : Part 1 : 1997 Annex F  BS 3892 : Part 1 : 1997 Clause 10  BS 3892 : Part 1 : 1997 Clause 11

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CONSTRUCTION MATERIALS 建築材料	Fire Resistance Test	Non-combustibility Test for Building Products 建築材料不燃性試驗	BS 476 : Part 4 : 1970 (AMD 2483 and 4390) EN ISO 1182 : 2002 GB/T 5464-1999
	Safety Glass and Safety Plastic	Impact performance requirements for flat safety glass and safety plastics for use in building 安全玻璃和安全塑料撞擊性能試驗	BS 6206 : 1981 (AMD 4580, 5189, 7589, 8156 and 8693) Excluding Cl. 6 and ANSI Z97.1-2004, Cl. 5.1
		Boil Test for Laminated Glass 夾層玻璃的煮沸試驗	ANSI Z97.1-2004, Clause 5.2
		Determination of Thickness, Width and Length (sizes) and Flatness of Thermally Toughened Soda Lime Silicate Safety Glass 熱處理安全玻璃的厚度，長度和寬度(尺寸)，平整度測量	BS EN 12150-1 : 2000, Clause 6
		Determination of Thickness, Width and Length (sizes) and Flatness of Heat Soaked Thermally Toughened Soda Lime Silicate Safety Glass 熱浸熱處理安全玻璃的厚度，長度和寬度(尺寸)，平整度測量	BS EN 14179-1 : 2005, Clause 8
		Fragmentation Test for Thermally Toughened Soda Lime Silicate Safety Glass 熱處理安全玻璃碎片狀態試驗	BS EN 12150-1 : 2000, Clause 8
		Fragmentation Test for Heat Soaked Thermally Toughened Soda Lime Silicate Safety Glass 熱浸熱處理安全玻璃碎片狀態試驗	BS EN 14179-1 : 2005, Clause 10
	Determination of the Localized Warp and Overall Bow and Warp of Heat-Treated Flat Glass 熱處理平板玻璃的局部彎曲和整體彎曲測量	ASTM C1048-97b, Clause 11.6	