



No. 037

Green Island Cement Company Limited

青洲英坭有限公司

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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 <small>測試類別</small>	ITEMS, MATERIALS OR PRODUCTS TESTED <small>測試項目、材料或產品</small>	SPECIFIC TESTS OR PROPERTIES MEASURED <small>特定測試或量度的特性</small>	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED <small>規範、標準方法或應用技術</small>	
CONSTRUCTION MATERIALS (cont'd) 建築材料(續上)	Cement/Clinker (Chemical analysis) (cont'd)	Residue insoluble in hydrochloric acid and potassium hydroxide	BS EN 196-2 : 1995 Cl. 10	
	Gypsum (Chemical analysis)	Loss-on-ignition (L.O.I.)	BS EN 196-2 : 1995 Cl. 7	
		Free lime content	BS 4550 : Part 2 : 1970 Cl. 14.1.5	
		Chloride content	BS EN 196-21 : 1992 Cl. 4	
		Sulphate content (as SO ₃)	BS EN 196-2 : 1995 Cl. 8	
		Total sulphur content (as SO ₃)	In-house Method LAB-T-051 (infrared)	
		Free water content	ASTM C471 - 87 Cl. 6	
		Combined water content	ASTM C471 - 87 Cl. 7	
		Silicon dioxide and insoluble matter	ASTM C471 - 87 Cl. 9	
		Iron oxide and aluminium oxide contents	ASTM C471 - 87 Cl. 10	
		Calcium oxide content	ASTM C471 - 87 Cl. 11	
		Magnesium oxide content	ASTM C471 - 87 Cl. 12	
		Sulfur trioxide content	ASTM C471 - 87 Cl. 13	
		Chloride content (as NaCl)	ASTM C471 - 87 Cl. 14	
		Pulverized fuel ash	Fineness	BS 3892 : Part 1 : 1997 Annex D
		Density	BS 3892 : Part 1: 1997 Cl. 7	
		Initial setting time	BS 3892 : Part 1: 1997 Cl. 10	
		Soundness	BS 3892 : Part 1: 1997 Cl. 11	
		Strength factor	BS 3892 : Part 1: 1997 Annex F	
		Water requirement	BS 3892 : Part 1 : 1997 Annex E	

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CONSTRUCTION MATERIALS (cont'd) 建築材料(續上)	Pulverized fuel ash (Chemical analysis)	Sulphuric anhydride content (as SO ₃) Calcium oxide content Chloride content Loss-on-ignition (L.O.I.) Moisture content Total alkali content	BS 3892 : Part 1 : 1997 Cl. 12.1 BS 3892 : Part 1 : 1997 Cl. 12.4 BS 3892 : Part 1 : 1997 Cl. 12.3 BS EN 196 : Part 2 : 1995 Cl. 7 (using 1h ignition time) BS 3892 : Part 1 : 1997 Annex C In-house method LAB-T-065 (AAS)