



No. 168

Shenzhen University-Yantian Port Laboratory

深圳大學-鹽田港實驗室

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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	Aggregates 骨料 Pulverized Fuel Ash 粉煤灰 Concrete 混凝土 Concrete (Site tests) 混凝土 (現場測試)	Particle size distribution (Sieve analysis) 顆粒級配 Clay, silt and dust content (Decantation method) 含泥量 Flakiness index 粗骨料片狀指數 Elongation index 粗骨料針狀指數 Ten per cent fines value 粗骨料10%細度值 Fineness 細度 Curing of test specimens 混凝土試塊養護 Density of hardened concrete 硬化混凝土密度 Compressive strength of cubes in the force range 10 kN - 2000 kN 混凝土試塊抗壓強度 Sampling of fresh concrete 新拌混凝土現場取樣 Workability (Slump) 塌落度試驗 Flow 擴展 (流動) 度試驗 Determination of temperature of fresh concrete 新拌混凝土溫度測試 Making of test specimens (cubes) 混凝土試塊現場製作 Sampling of lean concrete 貧混凝土現場取樣 Making of test specimens (cubes) for lean concrete 貧混凝土試塊現場製作	BS 812: Section 103.1:1985 (AMD6003) BS812: Part 1:1975 (AMD4875) BS 812: Section 105.1:1989 BS812: Part 1:1975 (AMD4572) BS 812: Section 105.2:1990 BS812: Part 111:1990 BS812: Part 3:1975 (AMD4616) BS 3892 : Part 1 : 1997 Annex D CS1:1990 Section 10 (AMD1101) CS1:1990: Section 16 (AMD1201 & 1203) CS1:1990: Section 12 (AMD1101 & 1102) CS1:1990: Section 1 (AMD1101) CS1:1990: Section 2 (AMD1101 & 1102) BS1881 : Part 105 : 1984 CS1 : 1990 , Section 22 (AMD1206) BS5328 : Part 4:1990 CS1:1990:Section 7 (AMD1101&1102) BS1924: Part 1:1990 Section 5 BS1924: Part 2:1990 Section 4.2.5

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CONSTRUCTION MATERIALS (cont'd) 建築材料 (續上)	Blocks & Bricks 磚 Soil 土工	Compressive strength of precast concrete paving block 預製混凝土鋪面聯鎖塊抗壓強度 Determination of moisture content by oven-drying at 105°C±5°C 含水量測試105°C±5°C烘乾法 Determination of particle size distribution by wet sieving (without dispersant) 土顆粒級配(用濕篩法) Determination of dry density / moisture content relationship of crushable soils (using a 1L mould and 2.5 kg rammer) 易碎土的幹密度和含水量關係(用1L模和2.5 kg擊實錘) Determination of dry density / moisture content relationship of crushable soils (using a CBR mould and 2.5 kg rammer) 易碎土的幹密度和含水量關係(用CBR模和2.5 kg擊實錘) Determination of dry density / moisture content relationship of crushable soils (using a 1L mould and 4.5 kg rammer) 含易破碎顆粒的土的幹密度和含水量關係用1L模和4.5 kg擊實錘) Determination of dry density / moisture content relationship of crushable soils (using a CBR mould and 4.5 kg rammer) 含易破碎顆粒的土的幹密度和含水量關係用CBR模和4.5 kg擊實錘) Determination of the in situ bulk density and insitu dry density of soil by the sand replacement method suitable for fine- and medium-grained soils (with small pouring cylinder) 換砂法測定現場幹密度適用於細粒土和中粒土(小罐砂筒)	BS6717:1993 Annex A & B GEOSPEC 3 : 2001 Test 5.2 GEOSPEC 3 : 2001 Test 8.2 GEOSPEC 3 : 2001 Test 10.2 GEOSPEC 3 : 2001 Test 10.4 GEOSPEC 3 : 2001 Test 10.6 GEOSPEC 3 : 2001 Test 10.8 GEOSPEC 3 : 2001 Test 11.1

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CONSTRUCTION MATERIALS (cont'd) 建築材料 (續上)	Soil (cont'd) 土工 (續上)	<p>Determination of the in situ bulk density and insitu dry density of soil by the sand replacement method suitable for fine-medium- and coarse-grained soils (with large pouring cylinder) 換砂法測定現場幹密度適用於細粒土和中粒土和粗粒土 (大罐砂筒)</p> <p>Determination of relative compaction of fill materials 填充材料的相對壓實度</p> <p>Determination of the in-situ California bearing ratio (CBR) 現場加州承載比 CBR</p>	<p>GEOSPEC 3 : 2001 Test 11.2</p> <p>GEOSPEC 3 : 2001 Test 11.4</p> <p>BS 1377 : Part 9 : 1990 Cl. 4.3</p>