



No. 167

Excel Building Diagnostic & Inspection Services Limited

卓立檢測有限公司

ADDRESS : Room 02, 2/F., Yale Industrial Centre, 61-63 Au Pui Wan Street, Fo Tan, Shatin,
地址 New Territories, Hong Kong
香港沙田火炭坳背灣街 61-63 號盈力工業中心 2 樓 02 室

AUTHORISED : Ir. Dr. Peter LAI Shu Hung, General Manager
REPRESENTATIVE 黎樹洪博士，總經理
委任代表

ENQUIRY : Mr. KWUNG Man Chiu Quality Manager
查詢 龔文超先生，質檢經理

Tel. 電話 : 2422 9123
Fax. 傳真 : 2422 9163
E-mail 電子郵件 : excel@excel-bdis.com
Website Address 網頁地址 :

CLIENTELE : Public
服務對象 公眾

ACCREDITED TEST : Construction Materials 建築物料
CATEGORIES
認可試驗類別

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

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TEST CATEGORY 試驗類別	ITEMS, MATERIALS OR PRODUCTS TESTED 試驗項目、物料或產品	SPECIFIC TESTS OR PROPERTIES MEASURED 特定試驗或量度的特性	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED 規範、標準方法或應用技術
CONSTRUCTION MATERIALS 建築物料	Adhesive	Pull off test on adhesive	In-house Method BD13 (BD13)
	Anchor Bolt	Proof load test on anchor bolt in the force range 1 kN – 500 kN (size M6 – M39)	In-house Method BD10 (BD10)
		Proof load test on anchor bolt (with one hour deformation measurement) in the force range 1 kN – 500 kN	In-house Method BD11 (BD11)
		Tightening torque test on anchor bolt (Up to 800 Nm)	In-house Method BD25 (BD25)
	Coating	Pull off test on coating	In-house Method BD14 (BD14)
	Concrete	Concrete coring	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 6.1 (BD02)
		Concrete coring – dry cutting	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 6.2 (BD03)
		Concrete powder sampling	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 6.4 (BD04)
		Covermeter survey	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 4.3.2 : Method 1 and Method 2 (BD06)
		Crack survey	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 4.3.14 (BD07)
Depth of carbonation (phenolphthalein solution)		BRE IP 6/81 and HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 4.3.1 (BD08)	
Half cell potential of uncoated reinforcing steel in concrete		ASTM C876-91 (1999) (BD09)	

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CONSTRUCTION MATERIALS (cont'd) 建築物料 (續上)	Concrete (Cont'd)	Reinforcement survey	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 4.3.13 (BD20)
		Removal of concrete / mortar in inspection core	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 4.3.13 (BD21)
		Removal of concrete cover to expose reinforcement	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 4.2.1 (BD22)
		Resistivity measurement	In-house Method BD23 (BD23)
		Surface hardness testing by rebound hammer (type N)	BS 1881 : Part 202 : 1986 (BD24)
		Ultrasonic pulse velocity	BS 1881 : Part 203 : 1986 (BD26)
	Dowel bar	Proof load test on grouted dowel bar (6 mm to 40 mm diameter) in the force range 1 kN – 500 kN	In-house Method BD12 (BD12)
	Mortar	Pull off test on mortar	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 2.1.15 (BD15)
		Mortar core inspection	HKHA MTS (2004/2006) Maintenance And Building Materials Technical Specification Part D, Clause 2.1.22 and Particular Specification of Maintenance Contracts, Clause 22.28 (BD05)
	Plaster	Pull off test on plaster	In-house Method BD16 (BD16)
	Render	Pull off test on render	In-house Method BD17 (BD17)

