

Annex

Scope of Accreditation



No. 109

Hong Kong Curtain Wall Testing Centre Ltd.
香港幕牆檢測中心有限公司

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CLIENTELE 服務對象 : Public
公眾

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

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

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Main Laboratory			
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	Curtain Walls	Safety test for curtain wall system - Cyclic test	Building Department PNAP 106 January 2009 (Paragraph 4)
		Structural performances tests by uniform Static air pressure difference	ASTM E330-02 AS/NZS 4284: 2008, Clause 8.2, 8.3 and 8.8
		Wind resistance test	BS 5368 : Part 3 : 1978 EN 77 : 1977
		Air infiltration test	ASTM E283 – 2004 AS/NZS 4284: 2008, Clause 8.4
		Water penetration test under static pressure	ASTM E331 – 2000 AS/NZS 4284: 2008, Clause 8.5
		Water penetration test under cyclic static pressure	ASTM E547 – 2000 AS/NZS 4284: 2008, Clause 8.6
		Water penetration by dynamic pressure	AAMA 501 – 1: 2005
	Static test to seismic and wind interstory drifts	AAMA 501 – 4: 2000 AS/NZS 4284: 2008, Clause 8.9	
	Anchor Bolt	In-situ tensile proof load test in the force range 5 kN - 400 kN	In-house Method TPM017
	Anchor/ Structural Fixing	In-situ tensile proof load test in the force range 5kN – 400 kN	BS 5080 Part 1: 1993 Cl. 6.7.1.1 & 7.1.3
Building Glass	Impact performance requirements for flat Safety glass/plastics	BS6206:1981	
Building components	Load test of spider and glass fixing Structural components	Code of Practice for the Structural Use of Steel 2005, Cl. 16.2 In-house method TPM021	

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		Static test to seismic and wind interstory drifts	AAMA 501 – 4: 2000 AS/NZS 4284: 2008, Clause 8.9
	Building Stones	Flexural strength	ASTM C880 – 2006
		Strength of individual stone anchorage	ASTM C1354 – 1996