

## 10.6 Scope of Accreditation

Issue No: 05/ Issue Date: 23-05-2021  
File Manager: Hamza Khan

GAC



ACCREDITED  
**TESTING**  
ISO/IEC 17025:2017  
No. ATL 0017

### Testing Laboratory Accreditation No. ATL 0017

is accredited by the GCC Accreditation Center (GAC) in accordance with the recognised International Standard ISO/IEC 17025:2017, "General requirements for the competence of testing and calibration laboratories"

<b>Thomas Bell Wright International Consultant (TBWIC)</b>	
Address. PO Box 26385, Corner of 46 and 47 Sts. Industrial Area 1, Jebel Ali. Dubai, UAE	Contact Person: Sandy DWEIK / Nick PURCELL Tel: +971 (4) 821-5777 Fax: - Email: sandy.dweik@bell-wright.com/ nick.purcell@bell-wright.com Web Address: <a href="http://www.bell-wright.com">www.bell-wright.com</a>

#### **Locations where testing activities covered by the above Accreditation Standard are undertaken**

1- address: PO Box 26385, Corner of 46 and 47 Sts. Industrial Area 1, Jebel Ali. Dubai, UAE

#### **For the following scope:**

##### **Scope:**

Version: 3.6

Date: 24<sup>th</sup> July 2019

Approved by: Brahim Houla

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### Scope:

#### 3. Performance and Approvals Testing

3.58 Fire tests on building materials and structures

13. Mechanical Testing

13.45 Architectural products

13.45.01 Windows, doors and related products

Scope details are as follows:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Remarks
Mechanical Testing	BUILDING CONSTRUCTION COMPONENTS AND MATERIALS	Fire resistance (General Requirements)	BS 476: Part 20:1987 Amd 1:1990, Cor 1:2014) EN 1363-1:2020 EN 1363-2:1999 ISO 834-1:1999 (Amendment 1:2012)	
		Reaction to Fire - surface burning characteristics	ASTM E 84-20 UL 723, 11th Edition, 2018 (using Steiner tunnel surface)	

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	FIRE DOORS AND SHUTTERS	Fire resistance	EN 1634-1: 2014+A1:2018 BS 476: Part 22:1987: Section 6, 7 and 8 (Cor 1:2014) ISO 3008-1:2019 UL10B:2008 UL10C:2016 NFPA 252:2017	
	WALLS AND PARTITIONS – non-load bearing	Fire resistance	EN 1364-1:2015 BS 476: Part 22:1987: Section 5 (Cor 1:2014) ISO 834-8: 2002 Cor 1:2009 ASTM E119-20 NFPA 251:2006 UL 263:2011	
	CURTAIN WALLING	Fire resistance	EN 1364-3:2014 EN 1364-4:2014	
	MARINE CONSTRUCTION – bulkheads, doors and windows	Fire resistance	IMO FTP Code 2010:2012 Edition (incl. 2015 corrigenda)	
	GLAZING	Fire resistance	BS 476: Part 22:1987: Section 10 (Cor 1:2014) ISO 3009:2003 NFPA 257:2017	
	DAMPERS	Fire resistance	UL 555:2006 (fire test only)	

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	PENETRATION SEALS	Fire resistance	ASTM E 814-13a UL 1479, 4th edition, 2015	
	HOSE STREAM APPLICATION	Integrity of building elements after fire exposure	ASTM E 2226-15b, (2019)	
	EXTERIOR WINDOWS, CURTAIN WALLS AND DOORS	Air leakage	ASTM E 283:2004(2012)	
	EXTERIOR WINDOWS, DOORS, SKYLIGHTS and CURTAIN WALLS	Structural performance by uniform static air pressure difference (Procedure A) Water penetration by uniform static air pressure difference	ASTM E 330/E330M-14 ASTM E 331-2016	
	WINDOWS, CURTAIN WALLS and DOORS	Water penetration using dynamic pressure	AAMA 501.1-17	Corner of 46 and 47 Sts. Industrial Area 1, Jebel Ali. Dubai, UAE
	EXTERIOR WALLS	Thermal cycling	AAMA 501.5-07	
	WINDOWS and DOORS	Air permeability Water tightness Resistance to wind load Impact resistance - soft and heavy impactor	BS EN 1026:2016 BS EN 1027: 2016 BS EN 12211: 2016 BS EN 13049:2003	
	CURTAIN WALLING	Air permeability Water tightness under static pressure Resistance to wind load Impact resistance	BS EN12153:2000 BS EN 12155:2000 BS EN 12179:2000	

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			BS EN 14019: 2016	
	BUILDING ENVELOPES	Air leakage Water penetration – static method Water penetration – dynamic aero engine test Wind resistance –serviceability Wind resistance – safety Impact resistance	CWCT Section 5:2005 CWCT Section 6:2005 CWCT Section 7:2005 CWCT Section 11:2005 CWCT Section 12:2005 CWCT Section 15:2005	
	WHOLE BUILDINGS	Air permeability test	EN 13829:2001 ATTMA TS1:2007 ATTMA TS L1: 2016 ATTMA TS L2:2010	
	STOREFRONTS, CURTAIN WALLS and SLOPED GLAZING SYSTEMS	Water leakage field check Static test method for evaluating seismic and wind induced inter-story drift	AAMA 501.2-15 AAMA 501.4-18	

**Note:** the text in blue indicates the new scope OR update in the Edition of a test method in this issue of the scope of accreditation.

### Log of Suspended Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Suspended	Date Reinstated

**GAC**

مركز الإعتداف الخليجي  
GCC ACCREDITATION CENTER



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### Log of Withdrawn Scopes:

TEST CATEGORY	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS / PARAMETERS OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	SPECIFICATION, STANDARD TEST METHOD OR TECHNIQUE USED	Date Withdrawn

**END**

This conformity assessment body (CAB) is recorded as issuing GAC accredited reports to organizations in the countries listed below. This list is current at the time of issue of this schedule.						
United Arab Emirates	Bahrain	Saudi Arabia	Oman	Qatar	Kuwait	Yemen

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