

## 10.6 Scope of Accreditation

Issue No: 06/ Issue Date: 31<sup>st</sup> July 2023  
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: 3.7

Date: 10<sup>th</sup> March 2022

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	SPECIFIC TESTS / PARAMETERS	SPECIFICATION, STANDARD TEST METHOD	Remarks
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	OR PRODUCTS TESTED	OR PROPERTIES, COMPONENTS, CHARACTERISTICS TESTED	OR TECHNIQUE USED	
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 84-22 UL 723, 11th Edition, 2018 (using Steiner tunnel surface)	
	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:2020 UL10C 3rd Ed 2013 (R2021) NFPA 252:2022	
	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 Ed 14:2021	
	CURTAIN WALLING	Fire resistance	EN 1364-3:2014	

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			EN 1364-4:2014	
	MARINE CONSTRUCTION – bulkheads, doors and windows	Fire resistance	IMO FTP Code 2010:2012 Edition - MSC 307(88) –Annex 1 : Part 3 – Appendix 1	
	GLAZING	Fire resistance	BS 476: Part 22:1987: Section 10 (Cor 1:2014) ISO 3009:2003 NFPA 257:2022	
	DAMPERS	Fire resistance	UL 555 Ed 7:2020 (Fire Test only)	
	PENETRATION SEALS	Fire resistance	ASTM E 814-13a (2017) <b>UL 1479, 4th edition, 2021</b>	
	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/E283M-19	
	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	

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	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 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.

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### 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

### 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**

Status of this accreditation can be checked in the GAC's website to confirm the validity of this accreditation - <https://www.gac.org.sa/en/>