

Schedule

Issue date: 29 October 2018
Valid until: 29 October 2021



NO: SAMM 899

MS ISO/IEC 17025

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LABORATORY LOCATION:
(PERMANENT LABORATORY)



FACADE TESTING LABORATORY SDN. BHD.
LOT 6, JALAN CJ 1/7, CHERAS JAYA
43200 BALAKONG, SELANGOR
MALAYSIA

FIELD OF TESTING:

MECHANICAL

This laboratory has demonstrated its technical competence to operate in accordance with MS ISO/IEC 17025:2005 (ISO/IEC 17025:2005).

This laboratory's fulfillment of the requirements of ISO/IEC 17025 means the laboratory meets both the technical competence requirements and management system requirements that are necessary for it to consistently deliver technically valid test results and calibrations. The management system requirements in ISO/IEC 17025 are written in language relevant to laboratory operations and operate generally in accordance with the principles of ISO 9001 (see Joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF TESTING: MECHANICAL

Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Curtain Walls, Building Façade	Air Infiltration	AS/NZS 4284: 2008 (Clause 8.4) ASTM E331: 2016 (Clause 10.1.2) CNS 13971: 2006 (Clause 9.1) SS 381: 1996 (2007) (Clause 5.3)
	Static Water Penetration Test	AS/NZS 4284: 2008 (Clause 8.5) ASTM E331: 2016 (Clause 10) CNS 13974: 2006 (Clause 9.1) SS 381: 1996 (2007) (Clause 5.4)
	Cyclic Water Penetration Test	AS/NZS 4284: 2008 (Clause 8.6) ASTM E547: 2016 (Clause 10)
	Dynamic Water Penetration Test	AAMA 501.1-2005 (Clause 6.0) CNS 13973: 2006 (Clause 5.0)
	Structural Performance Test	AS/NZS 4284: 2008 (Clause 8.3) ASTM E330/E330M-14 (Clause 5.0) CNS 13972: 2006 (Clause 4.2) SS 381: 1996 (2007) (Clause 5.5)
	Proof Load Test	AS/NZS 4284: 2008 (Clause 8.8) ASTM E330/E330M-14 (Clause 5.3) CNS 13972: 2006 (Clause 4.3) SS 381: 1996 (2007) (Clause 5.7)

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Materials/ Products Tested	Type of Test/ Properties Measured/ Range of Measurement	Standard Test Methods/ Equipment/Techniques
Curtain Walls, Building Façade (continued)	Seal Degradation Test	AS/NZS 4284: 2008 (Clause 8.10)
	Seismic and Wind Induced Inter Storey Drift Test	AAMA 501.4-2009 (Clause 7.0) CNS 14281: 2006 (Clause 7.0)
Windows	Air Infiltration	ASTM E283: 2012 (Clause 10.1.2) AS 4420.4-1996 BS EN 1026: 2000 CNS 13971: 2006 (Clause 9.1) MS 832: 2011 (Clause 10.2.1.2.1) SS 212: 2007 (Clause 10.2.1.1)
	Water Tightness Test	ASTM E331: 2016 (Clause 10) AS 4420.2-1996 BS EN 1027: 2000 CNS 13974: 2006 (Clause 9.1) MS 832: 2011 (Clause 10.2.1.3.1) SS 212: 2007 (Clause 10.2.1.2)
	Structural Performance Test (Wind Resistance Test)	ASTM E330/E330M-14 (Clause 5) AS 4420.2-1996 BS EN 1027: 2000 CNS 13972: 2006 (Clause 4.2) MS 832: 2011 (Clause 10.2.1.3.1) MS 1017: 2012 SS 212: 2007 (Clause 10.2.1.3) ISO 6612-1980
	Proof Load Test	ASTM E330/E330M-14 (Clause 5.3) AS 4420.6-1996 CNS 13972: 2006 (Clause 4.3) ISO 6612:1980 MS 832: 2011 SS 212: 2007 (Clause 10.2.1.6)
	Operating Force Test	AS 4420.3-1996 MS 832: 2011
	Dynamic Water Penetration Test	AAMA 501.1-2017 (Clause 6.0) CNS 13973: 2006 (Clause 5.0)
	Cyclic Water Penetration Test	AS/NZS 4284-6: 2008 (Clause 8.10)
	Seal Degradation Test	AS/NZS 4284: 2008 (Clause 8.10)
	Seismic & Wind induced inter storey drift Test	AS/NZS 4284: 2008 (Clause 8.9) AAMA 501.4-2009 (Clause 7.0) CNS 14281: 2006 (Clause 7.0)

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Doors	Air Infiltration	ASTM E283: 2012 (Clause 10.1.2) AS 4420.4-1996 BS EN 1026: 2000 CNS 13971: 2006 (Clause 9.1) MS 1017: 2012 (Clause 10.2.1.2.1) SS 268: 2001 (Clause B.3)
	Water Tightness Test	ASTM E331: 2016 (Clause 10) AS 4420.5-1996 BS EN 1027: 2000 CNS 13974: 2006 (Clause 9.1) MS 1017: 2012 (Clause 10.2.1.3.1) SS 268: 2001 (Clause B.4)
	Structural Performance Test (Wind Resistance Test)	ASTM E330/E330M-14 (Clause 5) AS 4420.2-1996 CNS 13972: 2006 (Clause 4.2) ISO 6612-1980 MS 1017: 2012 SS 268: 1983 (2001) (Clause B.2)
	Proof Load Test (Wind Resistance Test)	ASTM E330/E330M-14 (Clause 5.3) AS 4420.6-1996 CNS 13972: 2006 (Clause 4.3) ISO 6612-1980 MS 1017: 2012 SS 268: 1983 (2001) (Clause B.2)
	Operating Force Test	AS 4420.3-1996 MS 1017: 2012
	Dynamic Water Penetration Test	AAMA 501.1-2005 (Clause 6.0) CNS 13973: 2006 (Clause 5.0)
	Cyclic Water Penetration Test	AS/NZS 4284: 2008 (Clause 8.6) ASTM E547: 2016 (Clause 10.0)
	Seal Degradation Test	AS/NZS 4284: 2008 (Clause 8.10)
	Seismic & Wind induced inter storey drift Test	AS/NZS 4284: 2008 (Clause 8.9) AAMA 501.4-2009 (Clause 7.0) CNS 14281: 2006 (Clause 7.0)

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Signatories:

1. Chin Yun Fen