

Laboratory Certificate



This certifies that Architectural Testing, Inc. located at 130 Derry Court, York, PA 17406 is an approved Testing Laboratory in accordance with Miami-Dade County Building Code Compliance and Protocol TAS301-94, and is Certified to perform the following tests:

TAS100	ASTM C39	ASTM E488 (Shear and pullout only)	AAMA 501.1
TAS100(A)	ASTM C158	ASTM E546	AAMA 501.3-83
TAS101	ASTM D635	ASTM E773	AAMA 701-92
TAS102	ASTM D638	ASTM E783	AAMA 702-92
TAS102(A)	ASTM D790	ASTM E987	AAMA 800-92
TAS112	ASTM C1167	ASTM E1105	AAMA 902-92
TAS114 App. E (Excludes DIN50018)	ASTM D1929	ASTM E1886	AAMA 1402-86
TAS114 Appendix J	ASTM D2843	ASTM F476	AAMA 1503.1-88
TAS125	ASTM D3679 (Excludes Weathering)	ASTM G26	ANSI Z97.1 (Impact only)
TAS131 (ASTM D2137 only)	ASTM E8	ASTM G85	FM 4471 Appendix G
TAS201	ASTM E72	ASTM G154	UL 580
TAS202	ASTM E283	ASTM G155	UL 1897
TAS203	ASTM E330	AAMA 103.3-89 Section 5	
ASTM B117	ASTM E331	AAMA 501	

International Accreditation Services, Inc. Certificate of Accreditation
TL-144

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Building Code Compliance Office per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Joseph A. Reed, P.E., Michael D. Stremmel, P.E., Shawn G. Collins, P.E.

This Certification and Registration Approved: March 31, 2011
This Certification and Registration Expires : June 26, 2016

Certification No. : 11-0223.03 Renews and Revises: 10-0311.02

Jaime D. Gascon, P.E.
Product Control Section Supervisor
Product Control Section

Americo Segura
BNC-Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Building Code Compliance Office reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

International Accreditation Service
CERTIFICATE OF ACCREDITATION

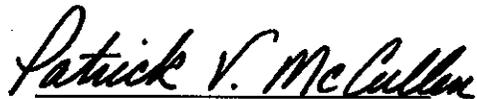
This is to signify that

ARCHITECTURAL TESTING, INC.

130 DERRY COURT
YORK, PENNSYLVANIA 17406-8405

Testing Laboratory TL-144
(Revised June 13, 2011)

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ANS/ISO/IEC Standard 17025:2005, *General criteria for the competence of testing and calibration laboratories*, and has been accredited, commencing September 10, 2010 for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen
Vice President



C. P. Ramani, P.E.
President



ACCREDITED

(see attached scope of accreditation for fields of testing and accredited test methods)

Print Date: 06/13/2011

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See the IAS Accreditation Listings on the web at www.iasonline.org for current accreditation information, or contact IAS directly at (562) 699-0541.

Page 1 of 5

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SCOPE OF ACCREDITATION

Architectural Testing, Inc. TL-144
(Revised June 13, 2011)

Architectural Testing, Inc.
130 Derry Ct.
York, PA 17406-8405

Jules A. Pinto
Manager, Quality Assurance
(717) 764-7700

FIELDS OF TESTING	ACCREDITED TEST METHODS
Windows, doors, curtain walls and skylights	ASTM Standards E 283, E 330, E 331, E 546, E 547, E 773, E 774, E 783, E 1105, E 1886, E 1996, E 2273, E 2357, F 588, F 842 and F 2090; AAMA Standards 101 and 501.6; NFRC Standards 102, 400 and 500; Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC16 and AC245; CSA Standards A440 and A440.2-04/A440.3-04; CAN/CGSB-82.1, Section 6.0 only (except Subsections 6.9 and 6.11); TAS Standards 201, 202 and 203; BS EN Standards 12153, 12155 and 12179; FM4473, DASMA Standards 108 and 115
Thermal performance testing of building assemblies	ASTM Standards C 236, C 518, C 1199, C 1363, and E 2178; NFRC Standards 100, 101, 102 and 200; AAMA Standards 507, 711 and 1503; CSA Standards A440.2/A440.3
Glass and glazing testing	ASTM Standards C 1279 (procedure A only), C 1651 and C 1652/C1652M; 1997 UBC Standard 24-2; CPSC Standard 16 CFR Part 1201; ANSI Standard Z 97.1; CAN/CGSB-12.1-M90; BS 6206; DIN EN 12600
Insulating glass	ASTM Standards E 2188, E 2189, E 2190 and E 2649

September 10, 2010
Commencement Date



ACCREDITED

C. P. Ramani

C. P. Ramani, P.E.
President

Print Date: 06/13/2011

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Page 2 of 5
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FIELDS OF TESTING	ACCREDITED TEST METHODS
Attic vents	Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC132
Suspended ceiling system	ASTM Standard C 635
Accelerated weathering	ASTM Standards D 1435, D 2565, D 4329 and G 155
Deck board span rating and handrail systems	ASTM Standards D 1037, D 2017, D 2394 and D 7032; Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC109 (except Section 4.3), AC174 Sections 4.0 and 5.0, and AC273 Sections 3.0 and 4.0; CCMC technical guide 06522 and 06525; NRC-CNRC 06522 and 06525 (except Section 5.9)
Concrete; concrete floor, wall, roof and masonry wall systems	Test Methods referenced under 'Concrete Inspection and Testing' and 'Masonry Inspection and Testing' of ASTM Standard E 329 (limited to ASTM Standards C 39, C 67, C 143, C 173, C 270 and C 1064), C 90, C 469, C 496, C 511, C 567, C 612, C 1019, and C 1314; Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC07 (except Section 4.6), AC15 (except Sections 4.2.2.7 and 4.2.2.8), AC90, AC148 and AC265 (except Section 4.1); TAS Standard 112

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Page 3 of 5
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Physical testing	UL Standards 580 and 1897; ASTM Standards A 90, B 117, C 661, C 672 (Section 9 only), C 719, C 864, C 1166, C 1305, C 1523, D 256, D 395, D 570, D 573, D 624, D 635, D 638, D 696, D 746, D 790, D 792, D 925, D 1042, D 1149 (methods B1, B2, B3 and B4 with exception to ozone exposure), D 1621, D 1622, D 1623, D 1761, D 1781, D 1929, D 2126, D 2240, D 2244, D 2395, D 2842, D 2843, D 3679, D 4442, D 4444, D 4541, D 4761, D 5420, D 5764, D 6109, D 6341, D 6662 (Section 6.3.3), D 7031, D 7254, E 8, E 72, E 96, E 136, E 447, E 455, E 564, E 661, E 1592, and E 2126; AATCC Standard 127 and AWWA Standard E12; Test methods referenced in Sections 4.0 and 5.0 of ICC-ES Acceptance Criteria AC04 (Sections 4.3, 4.4, 4.5, 4.6.1, 5.4.1, 5.4.3, 5.4.2, 5.4.5, 5.4.7 and 5.4.8 only), AC25 Section 4.0 (excluding Sections 4.4.1 and 3.2.1 (UBC Sections 803.1, 803.2, 803.5), AC71 Section 3.0, AC86 Section 4.0, AC166 Sections 3.1.7 and 4.0 (except Section 4.2 (ASTM G152) and 4.8), AC177 Section 4.0 (except for those noted in Sections 4.13, 4.14 and 4.15), AC227 Section 4.0, AC 269 Section 4.0, AC 295 Section 4.0 (except 4.3, 4.4, and 4.5) and AC 382 Sections 3.0 and 4.0; ANSI/BHMA Standards A156.1, A156.2, A156.3, A156.4, A156.5, A156.6, A156.8, A156.9, A156.11, A156.12, A156.13, A156.14, A156.15, A156.16, A156.17, A156.18, A156.19, A156.20, A156.21, A156.23, A156.24, A156.26, A156.31, A156.32, and A156.36
Structural testing (panels and wood products)	ASTM Standards D 143 (except Sections 10, 11, 14 and 17), D 198, D 3679, D 4226 and D 5206; CAN/CSA-O325.1 (Sections 3.1.3, 3.1.4, 3.1.5, 3.1.10, 5.8, 5.23 and 5.24 only); CSA Standard O437.1 (Section 3.1.4 only); ANSI/TPI Standard 1 (Chapter 5 only)

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Page 4 of 5
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Acoustical testing	ASTM Standards C 423, E 90, E 336, E 966, E 1007, E 1050 and E 1425; ANSI Standard S12.51/ISO 3741; AAMA Standard 1801
Blast testing, forced entry resistance, and ballistics resistance	AAMA Standard 510; ASTM Standards F 1233 and F 1642; GSA-TS01-2003; UFC Standard 4-101-01; UL Standard 752 (Sections 12-17, Levels 1-8)
ENERGY STAR Program Requirements	Windows, Doors and Skylights ENERGY STAR Program Requirements for Residential Windows, Doors and Skylights – Version 5.0 NFRC procedures for U-Factor (NFRC 100) Solar Heat Gain Coefficient (NFRC 200) Skylight U-Factor criteria using U-Factor ratings certified under the NFRC computer simulation procedure (for tubular daylighting devices only)
Fire testing	ASTM Standards E 84 and E 108; UL Standards 723 and 790; NFPA Standards 255 and 256
Testing in the fields specified above	ASTM Standard E 699 (Part A)

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Page 5 of 5
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