

Miami-Dade County, Florida

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES  
BOARD AND CODE ADMINISTRATION DIVISION

Laboratory Certificate



PRODUCT CONTROL SECTION

11805 S.W. 26 Street-Room 208  
Miami, Florida 33175-2474

T (786) 315-2590 Fax (786) 315-2599

*This certifies that National Certified Testing Laboratories located at 8350 Parkline Blvd., Suite 320, Orlando, FL 32809 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:*

TAS201	ASTM E783
TAS202	ASTM E987
TAS203	ASTM E1105
A2LA Certificate Number 3054.02	

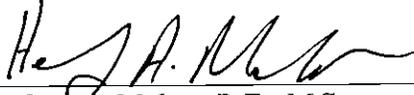
*Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:*

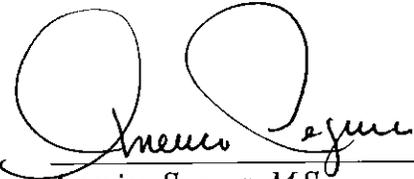
Gerard J. Ferrara, P.E., Paul E. Winter, P.E.

*This Certification and Registration Approved: March 31, 2016*

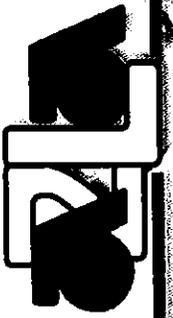
*This Certification and Registration Expires : May 5, 2021*

*Certification No. : 16-0218.06 Renews: 13-1028.06*

  
Helmy A. Makar, P.E., M.S.  
Product Control Section Supervisor  
Product Control Section

  
Americo Segura, M.S.  
Quality Assurance Unit Supervisor  
Product Control Section

*The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.*



American Association for Laboratory Accreditation

# Accredited Laboratory

AZLA has accredited

## NATIONAL CERTIFIED TESTING LABORATORIES, INC. (NCTL-ORLANDO)

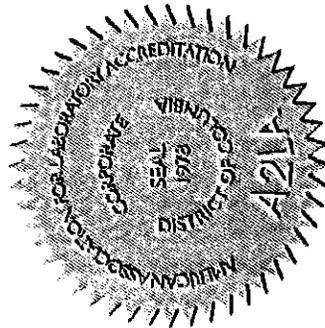
Orlando, FL

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009).

Presented this 5<sup>th</sup> day of November 2014.



  
President & CEO

For the Accreditation Council  
Certificate Number 3054.02  
Valid to August 31, 2016

*For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.*



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

NATIONAL CERTIFIED TESTING LABORATORIES, INC. (NCTL-ORLANDO)  
8350 Parkline Blvd. Suite 12  
Orlando, FL 32809  
Christopher Bennett Phone: 407 240 1356  
[cbennett@nctlinc.com](mailto:cbennett@nctlinc.com)

MECHANICAL

Valid To: August 31, 2016

Certificate Number: 3054.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on assembled windows, doors, skylights and curtain walls:

<u>Test</u>	<u>Test Method(s)</u>
Air	
Rate of Air Leakage Through Exterior Windows, Curtain Walls, and Doors	ASTM E283
Water	
Water Penetration of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference	ASTM E331
Water Penetration of Exterior Windows, Curtain Walls and Doors by Cyclic Static Air Pressure Differential	ASTM E547
Structural Loads	
Structural Performance of Exterior Windows, Curtain Walls and Doors by Uniform Static Air Pressure Difference	ASTM E330
Air/Water/Structural	
Standard/Specification for Windows, Doors and Unit Skylights	AAMA/WDMA/CSA101/I.S.2/A440-05 <sup>1,2</sup>
North American Fenestration Standard (NAFS)/Specification for Windows, Doors and Skylights	AAMA/WDMA/CSA101/I.S.2/A440-08 <sup>1,2</sup> , -11 <sup>2</sup>
Mullion	
Performance Rating Method for Mullied Fenestration Assemblies	AAMA 450

<u>Test</u>	<u>Test Method(s)</u>
<b>Forced Entry</b>	
Forced Entry Resistance Windows	ASTM F588
Forced Entry Resistance Doors	ASTM F842
Specifications for Forced Entry Resistant Aluminum Prime Windows	AAMA 1302 <sup>2</sup>
Specifications for Forced Entry Resistant Sliding Glass Doors	AAMA 1303 <sup>2</sup>
Forced Entry Resistance of Side-Hinged Door Systems	AAMA 1304
<b>Ancillary</b>	
Deglazing Force of Fenestration Products	ASTM E987 (Method A)
Operating Force of Sliding Windows and Doors	ASTM E2068 (Method B)
Standard Practice for Conditioning Plastics for Testing	ASTM D618 (Procedure A)
<b>Life Cycle</b>	
“Life Cycle” Specifications and Test Methods for Arch Grade Windows and Sliding Glass Doors	AAMA 910-93 <sup>1</sup> , -10
<b>Skylights</b>	
Specification for Skylights	AAMA 1600 <sup>2</sup>
<b>Manufactured Housing</b>	
Primary Window and Sliding Glass Door Standard for Utilization in Manufactured Housing	AAMA 1701.2 <sup>2</sup>
Primary Swinging Exterior Passage Doors for Utilization in Manufactured Housing	AAMA 1702.2 <sup>2</sup>
<b>Doors</b>	
Operating Cycle Performance of Side-Hinged Exterior Door Systems	AAMA 920 AAMA 925
Vertical Loading Resistance of Side-Hinged Door Leaves	
<b>Impact/Cycling</b>	
Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	ASTM E1886-02 <sup>1</sup> , -04 <sup>1</sup> , -05 <sup>1</sup> , -13
Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	ASTM E1996-02 <sup>1,2</sup> , -04 <sup>1,2</sup> , -05 <sup>1,2</sup> , -06 <sup>1,2</sup> , -09 <sup>1,2</sup> , -12 <sup>2</sup>



**Test**

**Test Method(s)**

Impact/Cycling (cont'd)

Impact Test Procedures	TAS 201
Criteria For Testing Impact and Nonimpact Resistant Building Envelope Components Using Uniform Static Air Pressure	TAS 202
Criteria For Testing Products Subject To Cyclic Wind Pressure Loading	TAS 203

<sup>1</sup> This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.

<sup>2</sup> This specification is not an accredited test and the inclusion of this specification on this Scope does not confer laboratory accreditation to the specification nor does it confer accreditation for the test method(s) embedded within the specification, unless listed above. The accredited test methods listed on this scope are used in determining compliance with this specification.

