



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

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

8350 Parkline Blvd. Suite 12

Orlando, FL 32809

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MECHANICAL

Valid To: June 30, 2024

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(s):</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 ^{1,2}
North American Fenestration Standard (NAFS)/Specification for Windows, Doors and Skylights	AAMA/WDMA/CSA101/I.S.2/A440-08 ^{1,2} , -11 ^{1,2} , -17 ²

<u>Test(s):</u>	<u>Test Method(s):</u>
Mullion	
Performance Rating Method for Muller Fenestration Assemblies	AAMA 450
Forced Entry	
Forced Entry Resistance Windows	ASTM F588
Forced Entry Resistance Doors	ASTM F842
Forced Entry Resistance of Side-Hinged Door Systems	AAMA 1304
Ancillary	
Deglazing Force of Fenestration Products	ASTM E987, Method A
Operating Force of Sliding Windows and Doors	ASTM E2068, Method B
Life Cycle	
“Life Cycle” Specifications and Test Methods for Arch Grade Windows and Sliding Glass Doors	AAMA 910-93 ¹ , -10, -16
Manufactured Housing	
Primary Window and Sliding Glass Door Standard for Utilization in Manufactured Housing	AAMA 1701.2 ²
Primary Swinging Exterior Passage Doors for Utilization in Manufactured Housing	AAMA 1702.2 ²
Doors	
Operating Cycle Performance of Side-Hinged Exterior Door Systems	AAMA 920
Vertical Loading Resistance of Side-Hinged Door Leaves	AAMA 925
Impact/Cycling	
Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials	ASTM E1886-02 ¹ , -04 ¹ , -05 ¹ , -13
Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes	ASTM E1996-02 ^{1,2} , -04 ^{1,2} , -05 ^{1,2} , -06 ^{1,2} , -09 ^{1,2} , -12 ^{1,2} , -14 ^{1,2} , -17 ²

<u>Test(s):</u>	<u>Test Method(s):</u>
Impact/Cycling (continued)	
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

¹ 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.

² 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.



Accredited Laboratory

A2LA 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 17025:2017 *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 April 2017).



Presented this 18th day of August 2022.

A blue ink signature of Mr. Trace McInturff, Vice President of Accreditation Services.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 3054.02
Valid to June 30, 2024

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