



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

TEXAS TECH UNIVERSITY, NATIONAL WIND INSTITUTE DEBRIS IMPACT FACILITY  
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MECHANICAL

Valid To: June 30, 2020

Certificate Number: 4039.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on Storm Shelters and External Windows:

**Test Technology**

**Test Method(s)**

Hurricane Large Impacts

Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missiles and Exposed to Cyclic Pressure Differentials

ASTM E1886 (*Except Small Missiles and Cyclic Pressure Differentials*)

ICC/NSSA Standard for the Design and Construction of Storm Shelters ICC 500

Natural Phenomena Hazards Design and Evaluation Criteria for Department of Energy Facilities

DOE -STD-1020-2002 (Superseded by DOE-STD-1020-2012)<sup>1</sup>

Uniform Static Air Pressure Difference using Air Bladders

NWI DIF Air Bladder Standard 1.1.2016

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This laboratory's scope contains withdrawn or superseded methods. As a clarifier, this indicates that the applicable method itself has been withdrawn or is now considered "historical" and not that the laboratory's accreditation for the method has been withdrawn.



## *Accredited Laboratory*

A2LA has accredited

# TEXAS TECH UNIVERSITY, NATIONAL WIND INSTITUTE DEBRIS IMPACT FACILITY

*Lubbock, TX*

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 April 2017).



Presented this 21st day of August 2018.

A handwritten signature in black ink, written over a horizontal line.

President and CEO  
For the Accreditation Council  
Certificate Number 4039.01  
Valid to June 30, 2020

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