



# CERTIFICATE OF ACCREDITATION

## ANSI-ASQ National Accreditation Board

500 Montgomery Street, Suite 625, Alexandria, VA 22314, 877-344-3044

This is to certify that

**Gateway Materials Test Center**  
**2901 East Gate City Boulevard, Suite G300**  
**Greensboro, NC 27401**

has been assessed by ANAB  
and meets the requirements of international standard

**ISO/IEC 17025:2005**

while demonstrating technical competence in the field(s) of

**TESTING**

Refer to the accompanying Scope(s) of Accreditation for information regarding the types of tests to which this accreditation applies.

AT-2020

Certificate Number

ANAB Approval

Certificate Valid To: 12/22/2017

Version No. 001 Issued: 12/24/2015



This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. 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 January 2009*).



# ANSI-ASQ National Accreditation Board

## SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

### Gateway Materials Test Center

2901 East Gate City Blvd, Suite G300, Greensboro, NC 27401

Karen Ryan Phone: 336-217-5146

Evan Kimbro Phone: 336-285-2811

karenr@gatewayurp.com etkimbro@ncat.edu www.gatewaymaterialstestcenter.com

### TESTING

Valid to: December 22, 2017

Certificate Number: AT-2020

#### I. Mechanical Testing

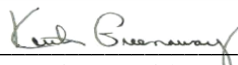
FIELD OF TEST	ITEMS, MATERIALS OR PRODUCTS TESTED	SPECIFIC TESTS OR PROPERTIES MEASURED	SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED	*KEY EQUIPMENT OR TECHNOLOGY
Mechanical	Composites	Standard Test Method for Short-Beam Strength of Polymer Matrix Composite Materials and Their Laminates	ASTM D2344/D2344M – 13 GMTC-3011	Instron 3384 Load Frame
Mechanical	Composites	Standard Test Method for Tensile Properties of Polymer Matrix Composite Materials	ASTM D3039/D3039M – 14 GMTC-3008	
Mechanical	Composites	Standard Test Method for Shear Properties of Composite Materials by the V-Notched Beam Method	ASTM D5379/D5379M – 12 GMTC-3010	Instron 3384 Load Frame
Mechanical	Composites	Standard Test Method for Open-Hole Compressive Strength of Polymer Matrix Composite Laminates	ASTM D6484/D6484M – 14 GMTC-3012	Instron 3384 Load Frame
Mechanical	Composites	Standard Test Method for Compressive Properties of Polymer Matrix Composite Materials Using a Combined Loading compression (CLC) Test Fixture	ASTM D6641/D6641M-14 GMTC-3009	



<b>FIELD OF TEST</b>	<b>ITEMS, MATERIALS OR PRODUCTS TESTED</b>	<b>SPECIFIC TESTS OR PROPERTIES MEASURED</b>	<b>SPECIFICATION, STANDARD METHOD OR TECHNIQUE USED</b>	<b>*KEY EQUIPMENT OR TECHNOLOGY</b>
Mechanical	Composites	Standard Test Method for Flexural Properties of Polymer Matrix Composite Materials	ASTM D7264/D7264M – 15 GMTC-3013	Instron 3384 Load Frame
Mechanical	Sandwich Core	Standard Test Method for Climbing Drum Peel for Adhesives	ASTM D1781-98(2012) GMTC-3104	
Mechanical	Sandwich Core	Standard Test Method for Shear Properties of Sandwich core Materials	ASTM C273/C273M – 11 GMTC-3102	
Mechanical	Sandwich Core	Standard Test Method for Flatwise Tensile Strength of Sandwich Constructions	ASTM C297/C297M-15 GMTC-3107	
Mechanical	Sandwich Core	Standard Test Method for Edgewise Compressive Strength of Sandwich Constructions	ASTM C364/C364M-07(2012) GMTC-3103	
Mechanical	Sandwich Core	Standard Test Method for Flatwise Compressive Properties of Sandwich Cores	ASTM C365/C365M-11a GMTC-3108	Instron 3384 Load Frame
Mechanical	Sandwich Core	Standard Test Method for Core Shear Properties of Sandwich Constructions by Beam Flexure	ASTM C393/C393M-11 GMTC-3105	Instron 3384 Load Frame
Mechanical	Sandwich Core	Standard Test Method for Density of Sandwich Core Materials	ASTM C271/C271M-11 GMTC-3106	Balance Micrometer Height Gage
Mechanical	Textiles	Standard Test Method for Breaking Strength and Elongation of Textile Webbing, Tape and Braided Material	ASTM D6775 – 13 GMTC-3306	Instron 3384 Load Frame

**Notes:**

1. This scope is formatted as part of a single document including the Certificate of Accreditation No. AT – 2020

  
Vice President