



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

LMI Aerospace Everett – Merrill Creek
1910 Merrill Creek Parkway
Everett, WA 98203

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

ISO/IEC 17025:2005

while demonstrating technical competence in the fields of

TESTING

Refer to the accompanying Scope of Accreditation for information regarding the types of calibrations and/or tests to which this accreditation applies.

L2269

Certificate Number


ANAB Approval

Certificate Valid: 01/11/2018-09/16/2019
Version No. 001 Issued: 01/11/2018



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 April 2017).



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

LMI Aerospace Everett – Merrill Creek

1910 Merrill Creek Parkway
Everett, WA 98203
Matt Williams 425-551-3343

TESTING

Valid to: September 16, 2019

Certificate Number: L2269

Mechanical

Table with 4 columns: Specific Tests and/or Properties Measured, Specification, Standard, Method, or Test Technique, Items, Materials or Product Tested, and Key Equipment or Technology. It lists various mechanical tests like Tensile and Yield Strength, Tensile Strength and Modulus, Open Hole Tension, etc., along with their standards and equipment used.

Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
In-Plane Shear (Tension) (5 to 50 000) lbf	ASTM D3518	Polymer Matrix Composite	Ambient and Non-Ambient Temperature, Strain Measurement
Flexure (5 to 50 000) lbf	ASTM D790	Polymer Matrix Composite	Ambient and Non-Ambient Temperature, Strain Measurement
Bearing Response (5 to 50 000) lbf	ASTM D5961	Polymer Matrix Composite	Ambient and Non-Ambient Temperature, Strain Measurement
Mode I Interlaminar Fracture Toughness (5 to 50 000) lbf	ASTM D5528 BSS7273	Polymer Matrix Composite	Ambient and Non-Ambient Temperature
Flatwise Tensile Strength (5 to 50 000) lbf	ASTM C297	Polymer Matrix Composite, Sandwich	Ambient and Non-Ambient Temperature
V-Notch Shear Beam Method (5 to 50 000) lbf	ASTM D5379	Polymer Matrix Composite	Ambient and Non-Ambient Temperature
Sandwich Flexure (5 to 50 000) lbf	ASTM C393	Polymer Matrix Composite, Sandwich	Ambient and Non-Ambient Temperature

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Density Specific Gravity	ASTM D792, Method A	Polymer Matrix Composite	
Constituent Content of Composite Materials	ASTM D3171 Procedures B and G	Polymer Matrix Composite	
Tg by Dynamic Mechanical Analysis (DMA)	ASTM E1640 ASTM D7028 SACMA SRM-18	Polymer Matrix Composite	
Tg by Differential Scanning Calorimetry (DSC)	ASTM E1356	Polymer Matrix Composite	
Tg by Thermo- Mechanical Analysis (TMA)	ASTM E1545	Polymer Matrix Composite	
Coefficient of Thermal Expansion (CTE) by Thermo-Mechanical Analysis (TMA)	ASTM E831	Polymer Matrix Composite	

Note:

1. This laboratory offers commercial testing service.
2. This scope is formatted as part of a single document including Certificate of Accreditation No. L2269.

