

## CAPABILITY STATEMENT

### Specializing in Composite Materials Testing



Highland Point, Inc. (HPI) is an A2LA accredited materials testing. We provide fast, accurate testing of composite materials for the aerospace, automotive and sporting goods industries. HPI is a woman-owned small business with over 30 years' experience in the materials testing industry. Our A2LA accreditation Certificate # 5742.01 covers the basic mechanical tests required for material analysis. We have expanded the accreditation to accommodate applied testing needs as well.

#### FEDERAL CERTIFICATION

WOSB

#### North American Industry Classification System (NAICS)

541380      Testing Laboratories

541330      Engineering Services

#### SIC Code:

8734      Testing Laboratory

**Registered Company Name:** Highland Point, Inc.

**DBA:** HPI

**Year Incorporated:** May 15, 2015

**State of Incorporation:** Montana

**Corporation Type:** Subchapter S

**D-U-N-S Number:** 079988605

**CAGE Code:** 7GCV0

**DD2345 Code:** 0074189

**ACCREDITATION:** A2LA ISO 17025-2017      # 5742.01

<https://customer.a2la.org/index.cfm?event=directory.detail&labPID=C1330844-BB75-48D1-AD43-EF91FFF841A6>

## Core Capabilities—Accredited Tests

Our test lab consists of 100,000-pound, 66,500-pound and 5000-pound capacity universal test frames capable of performing tests in tension, compression, shear and flexure in addition to our accredited tests listed below:

ASTM D3039	Tension
ASTM D6641	Compression
ASTM D5379	In-Plane Shear
ASTM D7464	Flexure
ASTM D841	Coefficient of Thermal Expansion by TMA
ASTM D2344	Short Beam Shear
ASTM D3171	Fiber Volume by Digestion
ASTM D6484	Open Hole Compression
ASTM D7522	Pull-Off Strength for FRP Bonded to Concrete
ASTM D2247	Water Resistance of Coatings in 100% RH
ASTM D1141	Preparation of Substitute Ocean Water
ASTM C581	Chemical Resistance of Thermosetting Resins
ASTM D3045	Heat Aging of Plastics without Load
ASTM D1002	Single Lap Shear
ASTM 3518	In-Plane Shear by Tensile Test of $\pm 45$ Laminate
ASTM D4541	Pull-off Strength of Coating using Portable Adhesion Testers
ASTM D7028	T <sub>g</sub> by DMA
ASTM C297	Flatwise Tension of Sandwich Construction
ASTM D1781	Climbing Drum Peel for Adhesives
ASTM D638	Tensile Properties of Plastics
ASTM D695	Compression of Rigid Plastics
ASTM D7249	Facing Properties of Sandwich Constructions by Long Beam Flexure
ASTM D3529	Constituent Content of Composite Prepreg
ASTM D3530	Volatiles Content of Composite Prepreg
ASTM D3531	Resin Flow of Carbon Fiber-Epoxy Prepreg
ASTM D3532	Gel Time of Carbon Fiber-Epoxy Prepreg
ASTM D5229	Moisture Absorption Properties
ASTM D790	Flexural Properties of Plastics
ASTM D6272	Flexural Properties by 4-Point Bending
ASTM E8	Tension Testing of Metallic Materials
ASTM E9	Compression Testing of Metallic Materials
ASTM D2734	Void Content
ASTM D4018	Testing of Continuous Filament Carbon and Graphite Fiber Tows
ASTM D5766	Open Hole Tension

ASTM D7137	Compression-After-Impact for Residual Strength
ASTM D3846	In-Plane Shear of Reinforced Plastic
ISO 527-2 and-5	Tensile Strength
ISO 14126	Compressive Properties
ISO 14129	In-Plane Shear by $\pm 45$ Tension Test
ISO 14130	Interlaminar Shear Strength by Short Beam
ISO 178	Flexural Properties

HPI has a precision machine shop that can prepare specimens from customer-supplied panels. We also have extensive expertise in applying and using strain gages for direct strain measurement during testing. And our reporting includes all information pertinent to the test with photos and plots of each specimen.

### **Consulting**

HPI is available as a consultant for material selection and test matrix design for product development projects. We especially like to team with other small businesses as they develop new products and need our expertise in selecting their materials, processing, prototype design and fabrication along with proof testing of the final product.

### **Technology**

Our technology centers around the first principles of engineering and materials science. Not only are we experts at testing, but we know the foundational science used to develop basic engineering design. HPI personnel can recognize the response to testing and assist our clients with making the correct decisions based on the testing outcomes.

### **CONTACT INFORMATION**

#### **Olivia Coguill, Co-owner and CEO**

Voice: 406-490-1251

Email: [Olivia.coguill@highlandpoint.biz](mailto:Olivia.coguill@highlandpoint.biz)

#### **Ronda Coguill, Co-owner and CTO**

Voice: 406-490-0248

Email: [ronda.coguill@highlandpoint.biz](mailto:ronda.coguill@highlandpoint.biz)

Web: [www.highlandpoint.biz](http://www.highlandpoint.biz)



**118 South Parkmont, Bldg D, Butte MT 59701, 406-490-0248**