



CERTIFICATE OF ACCREDITATION

ANSI-ASQ National Accreditation Board

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

This is to certify that

Stress Engineering Services, Inc.
7030 Stress Engineering Way
Mason, OH 45040

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.

AT-2503

Certificate Number



ANAB Approval

Certificate Valid: 12/1/2017-09/7/2019
Version No. 002 Issued: 12/1/2017



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

Stress Engineering Services, Inc.

7030 Stress Engineering Way
Mason, OH 45040
Harbinder Pordal 513-336-6701

TESTING

Valid to: September 7, 2019

Certificate Number: AT-2503

Chemical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Glass Transition Temperature; Dynamic Mechanical Testing	ASTM D4065 ASTM D7028 ASTM E1640	Plastics, Rubbers and Composites	Dynamic Mechanical Analyzer (DMA)
Transition Temperature & Enthalpies of Fusion; Glass Transition Temperature; Oxidative Induction Time; Specific Heat Capacity; Purity; Melting Temperature	ASTM D3418 ASTM E793 ASTM D7426 ASTM E1356 ASTM D3895 ASTM E1858 ASTM E1269 ASTM E928 ASTM D1519	Organic and Inorganic Solids, Liquids, Plastics, Rubbers, and Composites	Differential Scanning Calorimeter (DSC)
Material Identification	ASTM E573 ASTM E1252	Organic Solids, Liquids, Plastics, Rubbers and Composites	Fourier Transform Infrared Spectrophotometer (FTIR)
Material Composition; Rapid Thermal Degradation	ASTM 3850 ASTM D6370 ASTM E1131	Organic Solids, Liquids, Plastics, Rubbers and Composites	Thermo Gravimetric Analyzer (TGA)
Coefficient of Linear Thermal Expansion	ASTM E831	Organic and Inorganic Solids, Plastics, Rubbers and Composites	Thermo Mechanical Analyzer (TMA)



Mechanical

Specific Tests and/or Properties Measured	Specification, Standard, Method, or Test Technique	Items, Materials or Product Tested	Key Equipment or Technology
Hardness	ASTM D2240	Plastics, Rubbers, and Composites	Automated Shore Hardness Tester (A, D)
Mass Change and Volume Swell; Density; Specific Gravity	ASTM D471 ASTM D792	Plastics, Rubbers, and Composites	Scale and Immersion Scale for Mass and Density
Static Stability and Adherence	ASTM F2125	Treestands	Axial Load Cell Hydraulic Actuator Controller & DAQ
Static Load Capacity	ASTM F2126	Treestands	Axial Load Cell Hydraulic Actuator Controller & DAQ
Repetitive Loading Capability	ASTM F2128	Treestands	Axial Load Cell Hydraulic Actuator Controller & DAQ
Fall Arrest System	ASTM F2337	Harnesses	ANSI Test Torso Dynamic Force Link Axial Load Cell Hydraulic Actuator Controller & DAQ
Load Capacity of Treestand Seats	ASTM F2531	Treestands	Axial Load Cell Hydraulic Actuator Controller & DAQ

Note:

1. This scope is formatted as part of a single document including Certificate of Accreditation No. AT-2503.


 Vice President