PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

Stolk Labs, Inc.

1711 Analog Drive, Richardson, TX 75081

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Chemical, Dimensional, Mechanical and Non-Destructive Testing

(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
January 10, 2018	July 15, 2025	October 31, 2027

Accreditation No.:	*Certificate No.:*
96687	L25-534

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Stolk Labs, Inc.
1711 Analog Drive, Richardson, TX 75081
Contact Name: David Stolk Phone: 972-325-1463

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF TEST	ITEMS, MATERIALS, OR PRODUCTS TESTED	COMPONENT, CHARACTERISTIC, PARAMETER TESTED	SPECIFICATION OR STANDARD METHOD	TECHNOLOGY OR TECHNIQUE USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	Aluminum and its Alloys	Chemical Composition	ASTM E1251	Optical Emission Spectroscopy (OES)	F1, F2	F
Chemical	Iron and its Alloys	Chemical Composition	ASTM E1086, ASTM E415	OES	F1, F2	F
Chemical	Nickel Alloys	Chemical Composition	ASTM E3047	OES	F1, F2	F
Chemical	Metals/Ceramics/Sands/Glass	Carbon & Sulfur Content	ASTM E1019	Combustion	F1, F2	F
Chemical	Organic Materials/ Plastics/Polymers	Absorption of IR Radiation	ASTM E1252, ASTM E573, ASTM D2702	Fourier Transform Infrared Spectroscopy (FTIR)	F1, F2	F
Chemical	Organic Materials/ Plastics/Polymers	IR Spectrum of Sample	ASTM E334	Micro-FTIR	F1, F2	F
Chemical	Aqueous Solutions	pH	ASTM E70	pH Meter	F1, F2	F
Chemical	Plastics/soil/rock	Moisture Content	ASTM D6980, ASTM D2216	Gravimetric	F1, F2	F
Chemical	Plastics	Ash Content	ASTM D5630	Gravimetric	F1, F2	F
Chemical	Metals	Zinc Coating Weight	ASTM A90/A90M	Gravimetric	F1, F2	F
Chemical	Metals	Semi-Quantitative Elemental Compositions	ASTM E1508	Energy Dispersive X-Ray Spectroscopy (EDS)	F1, F2	F
Chemical	Polymers	Thermal Analysis using Differential Scanning Calorimetry (DSC)	ASTM D3418, ASTM E1356, ISO 11357	Differential Scanning Calorimetry (DSC)	F1, F2	F
Non-Destructive	Metals	Critical Dimension Measurement, Elemental Dot Mapping, Phase Analysis, Line Scanning, Hail Damage Analysis	ASTM B748	Scanning Electron Microscopy (SEM)	F1, F2	F
Mechanical	Plastics/Metallic Materials	Rockwell Hardness	ASTM A370, ASTM D785, ASTM E18	Rockwell Hardness Tester	F1, F2	F
Mechanical	Metallic Materials	Brinell Hardness –	ASTM E10, ASTM A370	Brinell Hardness Tester	F1, F2	F

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Mechanical	Metallic Materials	Light Load Brinell Hardness	ASTM E103	Brinell Hardness Tester	F1, F2	F
Mechanical	Metals and other materials	Knoop or Vickers Microhardness	ASTM E384	Knoop/Vickers Hardness Tester	F1, F2	F
Mechanical	Plastics and Rubber	Durometer Hardness	ASTM D2240	Shore Hardness Tester	F1, F2	F
Mechanical	Metals, Plastics and Welds	Bend Test	ASTM E290, ASTM E190	Universal Test Machine	F1, F2	F
Mechanical	Metals	Compression Test	ASTM E9	Universal Test Machine	F1, F2	F
Mechanical	Metals, Plastics	Tension/Tensile Test	ASTM E8/E8M, ASTM B557, ASTM D638	Tensile Tester	F1, F2	F
Mechanical	Metals, Plastics, Adhesives	Shear Test	ASTM D1002, ASTM B769, ASTM D3846, ASTM D3983	Universal Test Machine	F1, F2	F
Mechanical	Steel, Fasteners	Proof Load	ASTM A370, ASTM F606/F606M	Universal Test Machine	F1, F2	F
Mechanical	Metals	Sub-Size Tensile Test	ASTM E8/E8M	Universal Test Machine	F1, F2	F
Mechanical	Plastics/Polymers	Flexure Test	ASTM D790, ASTM D7264/D7264M	Digital Microscope	F1, F2	F
Mechanical	Coatings	Finish Adhesion	ASTM D3359	Universal Test Machine	F1, F2	F
Mechanical	Metals	Impact Test	ASTM E23	Charpy Impact tester	F1, F2	F
Mechanical	Metals	Average Grain Size	ASTM E112	Metallurgical Microscope	F1, F2	F
Mechanical	Metals	Inclusion Content	ASTM E45	Metallurgical Microscope	F1, F2	F
Mechanical	Metals	Ferrite Count	ASTM A800/A800M, ASTM E562	Digital Microscope	F1, F2	F
Mechanical	Metals	Intergranular Corrosion	ASTM A262	Digital Microscope	F1, F2	F
Mechanical	Metals	Sensitization (Intergranular Attack)	ASTM A262, A763	Digital Microscope	F1, F2	F
Mechanical	Steel	Decarburization	ASTM E1077, F2328	Digital Microscope	F1, F2	F

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Mechanical	Metals	Micro Examination	ASTM E3	Digital Microscope	F1, F2	F
Mechanical	Metals	Mount/Polish	ASTM E3	Digital Microscope	F1, F2	F
Mechanical	Metals	Macro-etch	ASTM E340	Digital Microscope	F1, F2	F
Mechanical	Metallic and Inorganic Coatings	Thickness Measurements	ASTM B659	Digital Microscope	F1, F2	F
Mechanical	Metals	Visual Examination	ASTM A802, ASTM A997	Digital Microscope	F1, F2	F
Mechanical	Adhesives, Metals, Plastics	Temperature/Humidity Testing	ASTM D1151, ASTM D1183, ASTM D1748, ASTM D2126, ASTM D6670	Temperature/Humidity Chamber	F1, F2	F
Mechanical	Nonmetallic, Plastics, Paint, Coatings	UV Testing	ASTM G154, ASTM D4329, ASTM D4587	Weathering Chamber	F1, F2	F
Mechanical	Metals, Tile, Panels	Salt Spray	ASTM B117, ASTM C635/C635M	Salt Spray Chamber	F1, F2	F
Mechanical	Metals	Copper-Accelerated Acetic Acid – Salt Spray (CASS) Testing	ASTM B368	Salt Spray Chamber	F1, F2	F
Dimensional Inspection	Plastics and Metals	Physical Dimensions	ASTM D5947, ASTM D2122, ASTM A1087	Digital Microscope	F1, F2	F

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Accreditation is granted to the facility to perform the following conformity assessment activities:

1. Location of activity:

Location	Location
F	Conformity assessment activity is performed at the CABs fixed facility

2. Flex Code:
   F0- Fixed scope item. No deviations allowed to the line item as identified, except for updating to the most recent version of an accredited standard method after verification.
   F1- Laboratory has the capability to test a new item, material, matrix, or product similar in composition to item, material, matrix, or product identified on the scope
   F2- Laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
   F3- Laboratory has the capability to introduce a parameter/component/analyte to an accredited test method identified on the scope
   F4- Laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
   F5- Laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using same technology or technique) identified on the scope