



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

LABORATORY TESTING, INC.  
2331 Topaz Drive  
Hatfield, PA 19440  
Jonathan Faia Phone: 800 219 9095  
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CHEMICAL

Valid To: March 31, 2025

Certificate Number: 0117.05

In recognition of the successful completion of the A2LA evaluation process (including compliance to R223 – Specific Requirements – GE Aviation S-400 Accreditation Program), accreditation is granted to this laboratory to perform the following chemical tests on adhesives, animal drugs, fasteners, coatings, coal, paper, foods, plastics and polymers, petroleum products (oil, tar, lubricants), surfactants, tobacco, and metals:

<u>Test(s)</u>	<u>Test Method(s)</u>
<b>Additive Manufacturing Testing</b>	
Density of Powder Metallurgy (PM) Materials	ASTM B311
Density, Oil Content and Interconnected Porosity of Sintered Metal Structural Parts and Oil-Impregnated Bearings	ASTM B328
Powder Size Distribution by Light Scattering	ASTM B822
Sieve Analysis of Metal Powders	ASTM B214
<b>Combustion / Fusion (LECO)</b> (C, S, H, N, O)	ASTM E1019, E1941, E1447, E1409
<b>Corrosion Tests</b>	
Intergranular Corrosion Susceptibility	ASTM A262 (Practices A, B, C, E, F)
Pitting & Crevice Corrosion Susceptibility	ASTM A923C, G48, G28
<b>Environmental Simulation</b>	
Salt Spray (Fog)	ASTM B117; MIL-STD-202, 810; NASM-1312-1
<b>Fourier Transform Infrared Analysis</b>	ASTM E1252
<b>Gravimetric, Titrimetric, Volumetric</b>	
Iron alloy based Titration	ASTM E350/1/2/3/4
Weight of Coating on Aluminum-Coated Iron or Steel Articles	ASTM A428
Weight of Coating on Zinc-Coated (Galvanized or Steel) Articles	ASTM A90
<b>ICP (AES)</b> (Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Cd, Ce, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Gd, Ge, Hf, Hg,	ASTM E2371, E2594

Test(s)

Test Method(s)

**ICP (AES) Cont.**

Ho, In, Ir, K, La, Li, Lu, Mg, Mn, Mo, Na, Nb, Nd, Ni, Os, P, Pb, Pd, Pr, Pt, Rb, Re, Rh, Ru, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Tc, Te, Ti, Tm, Th, Tl, U, V, W, Y, Yb, Zn, Zr)

ASTM E2823

**ICP (MS)**

(Ag, Al, As, Au, B, Ba, Be, Bi, Ca, Ce, Cd, Co, Cr, Cs, Cu, Dy, Er, Eu, Fe, Ga, Ge, Gd, Hf, Hg, Ho, In, Ir, La, Li, Lu, K, Mg, Mn, Mo, Na, Nb, Nd, Ni, P, Pb, Pd, Pr, Pt, Os, Rh, Ru, Rb, Re, Sb, Sc, Se, Si, Sm, Sn, Sr, Ta, Tb, Tc, Te, Th, Ti, Tl, Tm, U, V, W, Y, Yb, Zn,)

**Optical Emission Spectroscopy (OES) of Steel, Stainless Steel, Al, Ni, Co & Ti alloys**  
(Al, B, C, Co, Cr, Cu, Fe, H, Mg, Mn, Mo, N, Nb, P, S, Si, Sn, Ta, Ti, V, W, Zn, Zr)

ASTM E34, E227, E327, E415, E1086, E1251

<sup>1</sup> This laboratory performs field testing activities for these tests.



# Accredited Laboratory

A2LA has accredited

## LABORATORY TESTING, INC.

*Hatfield, PA*

for technical competence in the field of

### Chemical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of R223 – Specific Requirements: GE Aviation S400 Accreditation Program. 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).



Presented this 1<sup>st</sup> day of March 2023.

A blue ink signature of Trace McInturff.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 117.05  
Valid to March 31, 2025

*For the tests to which this accreditation applies, please refer to the laboratory's Chemical Scope of Accreditation.*



March 1, 2023

Jonathan Faia  
Laboratory Testing, Inc.  
2331 Topaz Drive  
Hatfield, PA 19440-1936

Dear Mr. Faia,

Congratulations! Your organization has been approved for accreditation by the American Association for Laboratory Accreditation (A2LA) in the mechanical and chemical testing and calibration fields for the tests and calibrations identified on your Scopes of Accreditation. Your Certificates and Scopes of Accreditation will also be added to the searchable database of accredited organizations on our website, [www.A2LA.org](http://www.A2LA.org). Please note, it may take up to one business day for the newly issued certificate and scope to appear on our online directory.

Your organization is now accredited to ISO/IEC 17025: 2017 through March 31, 2025, by virtue of the on-site assessment of your organization which took place February 6-9, 2023, and an evaluation of all activity related to the assessment by the A2LA Accreditation Council. One year prior to your accreditation anniversary date, you must pay an annual review fee and submit updated information on your organization. In addition, A2LA must be notified in writing within 30 days at any time that significant changes occur in your organization's location – i.e. ownership, management, authorized representative, primary contact, or major facilities.

As an organization accredited by A2LA, you can enjoy the benefits of using your accreditation for promotional and advertising purposes. The A2LA requirements for referring to your A2LA Accredited status may be found in document R105 – Requirements When Making Reference to A2LA Accredited Status located on your CAB portal along with various versions of the 'A2LA Accredited' symbol. As noted in this document, the ILAC MRA mark may only be used in economies where it is registered. A2LA has also made the promotion of your A2LA Accreditation easy by providing you with helpful tips and advice in our 'G125 - A2LA Promotion of Accreditation Information' also located on your CAB Portal. Please be sure to read both documents to ensure you are maximizing the benefits of promoting your A2LA Accreditation. When promoting or providing proof of your accreditation, please use your Scopes of Accreditation, as this document details the specific tests and calibrations which are accredited. The Certificates are to be used for display purposes only.

We would like to take this opportunity to say that we appreciate your participation in the leading national accreditation program and we welcome your questions and feedback at any time. We are pleased that you have chosen to continue as an A2LA accredited organization.

Sincerely,

Trace McInturff  
Vice President, Accreditation Services

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