



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

INNOVATIVE TEST SOLUTIONS, INC. (A.K.A. ITS)
 551 Kings Road
 Schenectady, NY 12304
 Sam Acevedo Phone: 518 688 2851

MECHANICAL

Valid To: November 30, 2017

Certificate Number: 2631.01

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 tests on metals and alloys for commercial and aerospace industries:

<u>Test</u>	<u>Parameter</u>	<u>Test Method</u>
Room Temperature Tensile ¹	50,000 lbs	ASTM E8
Elevated Temperature Tensile ¹	(-320 to 2000) °F; ≤ 50,000 lbs	ASTM E21
Creep ¹	2000 °F; ≤ 12,000 lbs	ASTM E139
Stress Rupture ¹	2000 °F; 12,000 lbs	ASTM E139 (Smooth) ASTM E292 (Notched)
High Cycle Fatigue ¹	(-320 to 2000) °F; ≤ 20,000 lbs	ASTM E466
Low Cycle Fatigue ¹	(-320 to 2000) °F; ≤ 20,000 lbs	ASTM E606

<u>Test</u>	<u>Test Method</u>
Fracture Toughness (Crack Growth)	ASTM E399
Hardness (HRA, HRB, HRC)	ASTM E18
Junker	DIN 25201
Operational Shocks and Crash Safety	RTCA/DO-160F – Section 7 (Excluding 7.3.3)
Vibration	RTCA/DO-160F – Section 8
Wear	ASTM D3702, G99



Accredited Laboratory

A2LA has accredited

INNOVATIVE TEST SOLUTIONS, INC. (A.K.A. ITS)

Schenectady, NY

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. 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 8 January 2009).



Presented this 6th day of November 2015.

A handwritten signature in black ink, appearing to read "L. J. ...", positioned above a horizontal line.

President and CEO
For the Accreditation Council
Certificate Number 2631.01
Valid to November 30, 2017
Revised November 7, 2016

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