



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

CONSTELLATION TECHNOLOGY CORPORATION

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Largo, FL 33777-1498
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MECHANICAL

Valid To: December 31, 2026

Certificate Number: 1171.02

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on fasteners; adhesives and sealants; coatings; metals and alloys; paint, pigment and related surface coatings; plastics, polymers and resins:

<u>Test</u>	<u>Test Method(s)</u>
Hardness	
Durometer (Shore A, D, M)	ASTM D2240
Rockwell & Superficial (A, B, C, E, N, T)	ASTM E18, F606, F606M
Microhardness	ASTM B578, E384
(HV 300, 500g)	
(HK 300, 500g)	
Scanning Electron Microscopy (SEM)	MM0005 ¹ , ASTM B748
Tensile, Yield, Elongation, Reduction of Area	ASTM A370, E8
(Room Temperature)	
LAP Shear	ASTM D1002
Plating Thickness	ASTM B487, B748
Passivation of Stainless Steel, Copper Sulfate Test	ASTM A380 (Paragraph 7.2.5.3)
Metallographic Evaluation	
Grain Size (Comparison)	ASTM E112
Microstructure Evaluation	ASM HBK Vol. 9
Failure Analysis	MM0009 ¹ ; ASM Handbook Vol. 11
Optical Microscopy	MM0020 ¹

¹In-house method



Accredited Laboratory

A2LA has accredited

CONSTELLATION TECHNOLOGY CORPORATION

Largo, FL

for technical competence in the field of

Mechanical 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 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 17th day of December 2024.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1171.02
Valid to December 31, 2026

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