



SCOPE OF ACCREDITATION TO ISO/IEC 17025: 2017

SINTAVIA, LLC
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Davie, FL 33317
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MECHANICAL

Valid To: February 28, 2021

Certificate Number: 4157.01

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following tests on components made by additive manufacturing process and raw materials:

Test Technology:

Test Method(s):

Metals

Hardness

Rockwell (B, C)	ASTM E18
Superficial (15N, 30N, 45N, 15T, 30T, 45T)	ASTM E18
Microhardness (HV 0.5kg)	ASTM E384
Vickers Hardness (10kg)	ASTM E92

Tensile (Room Temperature, 0-300kn)	ASTM E8/8M
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Fatigue (20 hz at 0 – 250 kn)	ASTM E466
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Charpy Impact Test (0-300ft lbs)	ASTM E23
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Metallographic Evaluation:

Preparation	ASTM E3
Microetching	ASTM E407
Grain Size by comparison	ASTM E112
Micro Structure	ASM Handbook Vol. 9
Macro Etch	ASTM E340, E381

Hall Flow Test	ASTM B213
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Carney Flow Test	ASTM B964
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Apparent Density	ASTM B311
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True Density	ASTM B923
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SEM/EDS	ASTM E1508
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Particle Size Distribution	ASTM B822
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Test Technology:

Metals

Failure Analysis

Chemical Analysis

ICP

O, N, H

C, S

Test Method(s):

Using test methods listed above in accordance with the ASM Handbook, Volume 11

ASTM E2594, E3061, E2371

E1409, E1447, E1019

E1019, E1941





Accredited Laboratory

A2LA has accredited

SINTAVIA, LLC

Davie, 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 10th day of April 2019.

A blue ink signature of the Vice President of Accreditation Services.

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4157.01
Valid to February 28, 2021

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