



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

DICKSON TESTING COMPANY, INC.

11126 Palmer Avenue

South Gate, CA 90280

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MECHANICAL

Valid To: May 31, 2024

Certificate Number: 1772.02

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>Test Method(s):</u>
Tension Testing of Metallic Materials:	
Ambient Temperature	ASTM A370, B557, E8/E8M
High Temperature (Up to 2000 °F)	ASTM E21
Compression	ASTM E9
Shear	MIL-STD-1312-13
Bend Test	ASTM E190, E290
Hardness:	
Rockwell & Superficial (B, C, E, 15T, 30T, 45T)	ASTM A370, E18
Brinell (500 kg, 1000 kg, and 3000 kg)	ASTM A370, E10
Microhardness (Vickers, Knoop) (100 g to 1 kg)	ASTM E384
Impact (Charpy, Izod) (-200 °F to 1800 °F)	ASTM A370, E23
Creep / Creep Rupture / Stress Rupture	ASTM E139
Notched Stress Rupture	ASTM E292
Plane-Strain Fracture Toughness	ASTM B645, E399, E1304
Stress Corrosion	ASTM G38, G44, G47
Axial Fatigue (Room Temperature)	ASTM E466
Low Cycle Fatigue Testing	ASTM E606
Conductivity of Aluminum (Eddy Current)	BAC 5651
Metallographic Analysis:	
Preparation	ASTM E3
Macroetching	ASTM E340
Microscopic Examination by Etching	ASTM E407; ASM Metals Handbook Volume 9
Macrostructure	ASTM A604, E381
Inclusion content	ASTM E45
Grain Size	ASTM E112, E930
Intergranular Corrosion	ASTM A262 (Practices A and E)
Alpha Case Depth	MIL-F-83142 (Paragraph 3.2.3)
Depth of Decarburization	ASTM E1077
Determination of Delta Ferrite Content	AMS 2315
Beta Transus Determination	DIN EN 3684



Accredited Laboratory

A2LA has accredited

DICKSON TESTING COMPANY, INC.

South Gate, CA

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 laboratory also meets the requirements of R223 – Specific Requirements – GE Aviation S-400 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 22nd day of April 2022.

A blue ink signature of Mr. Trace McInturff, Vice President of Accreditation Services.

Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 1772.02
Valid to May 31, 2024
Revised April 16, 2024

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