



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

METCUT RECHERCHES S.A.S
22 Rue du Moulin de la Garde
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MECHANICAL

Valid To: June 30, 2024

Certificate Number: 0296.03

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 metallic and non-metallic materials:

Low and High Cycle Fatigue Testing Parameters:

Uniaxial Load, Longitudinal Strain, Stroke Control
Load: Up To 250 KN
Strain: +/- 5% and Gage Length of 12 mm
Stroke: Up to 150 mm
Frequency: “Hold” = Up to 80 and 100 Hz
Waveform: Sine, Triangle, and Trapezoidal
Temperature: Ambient to 900 and 1250°C

Test

Test Methods

Metallic Materials Testing

Standard Practice for Conducting Force Controlled Constant Amplitude Axial Fatigue Tests of Metallic Materials

ASTM E466

High Cycle Fatigue (Room Temp. & Elevated Temp.)

SNECMA SAFRAN / GE Code O

Standard Practice for Strain – Controlled Fatigue Testing

ASTM E606/E606M

Low Cycle Fatigue (Room Temp. & Elevated Temp.)

SNECMA SAFRAN / GE Code Y

Axial Strain Control – Low Cycle Fatigue
(Room Temp. & Elevated Temp.)

GE E50TF148 S6

Low Cycle Fatigue
(Room Temp. & Elevated Temp.)

SNECMA SAFRAN DMC401

Non-Metallic Materials Testing

Fatigue (LCF & HCF)

ASTM D3479/D3479M



Accredited Laboratory

A2LA has accredited

METCUT RECHERCHES S.A.S

44477 Nantes Carquefou Cedex, France

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 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 14th day of June 2022.

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

Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 0296.03
Valid to June 30, 2024

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