

ELEMENT MATERIALS TECHNOLOGY

AEROSPACE UK LTD

WHITE CROSS SOUTH ROAD

LA1 4XQ, LANCASTER

GB

143441

TYPE of External Shop

INDEPENDENT

Attestation letter for Qualification on Test Methods

Dear Madam, Dear Sir,

We herewith inform that the couples as detailed in the Appendix have been either registered or modified in the Official Airbus Qualified Test Methods List (QTML).

The latest valid status of all qualified couples is published by regular QTML reports :

- On Airbus homepage for Suppliers (<https://www.airbus.com/be-an-airbus-supplier.html>)- Only Independent Labs.
- On Airbus Supply Portal - All External Test Facilities.

A qualified couple is not linked to a specific product. It is the evidence that the External Test Facility is meeting the requirement of the M20691.2: Perform Couple Compliance and Maturity's Activities for Material Products Suppliers and/or M20691.3: Perform Couple Compliance and Maturity's Activities for Aerostructure Parts Suppliers.

- We ask you to inform AIRBUS about any modification which could affect the current qualification(s).

Airbus reserves the right to withdraw or suspend the qualification at any time for specific reason, e.g.

- Any major incident(s) detected on one or several Test processes
- Lack in quality, including the surveillance activities (PTP results, Nadcap accreditation, etc)
- Evidence Of non-compliance with the M20691.2 and/or M20691.3
- Loss of Airbus Supplier Approval
- Stop of the Business

Yours faithfully,
The Test Method Central Team

Appendix: Matrix of qualified Couples <Test Methods/ Shop>

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Airbus SAS
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EX-SITU

Test Methods (TM) as listed in Airbus Commercial Aircraft QTML for ELEMENT MATERIALS TECHNOLOGY - (143441)

Test Standards(s)*	Test label	Complexity	Qualification Status	Limitation	Next External comparison test Participation.**	Technical Qualification Reference	Deviation Reference	Last Qualification Update date
AITM1-0042	DETERMINATION OF FATIGUE CRACK GROWTH RATES FOR CLAD SHEET AND CLAD PLATE UP TO 12 MM IN CONSTANT-LOAD-AMPLITUDE TESTS	HIGH	AUTHORISED TO PROCEED WITH LIMITATIONS-28/02/2025	ALLOYS OF AL, TI, NI, STEELS / LIMITED TO CT SPECIMENS AND DCPD (DIRECT CURRENT POTENTIAL DIFFERENCE) METHOD TO MONITOR THE CRACK LENGTH	2025	150077		27/02/2024
ASTME399	STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS	HIGH	QUALIFIED		2026	171307		
ASTME647	STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES	HIGH	AUTHORISED TO PROCEED WITH LIMITATIONS-28/02/2025	QCS 150077 ISSUE 1 => THE QUALIFICATION IS RESTRICTED TO SPECIMENS OF THE TYPE CT AND TO THE DCPD (DIRECT CURRENT POTENTIAL DIFFERENCE) METHOD TO MONITOR THE CRACK LENGTH. QCS 231157 ISSUE 1 => THIS QUALIFICATION IS RESTRICTED ONLY TO SPECIMENS OF TYPE M(T) (MIDDLE TENSION) UP TO A WIDTH OF 105MM (W=105MM). THERE IS NO MATERIAL RESTRICTION 100KN TO 500KN TEST FRAMES & CLIP GAUGES	2025	QCS231157 ISSUE 1,150077		27/02/2024
EN6072	CONSTANT AMPLITUDE FATIGUE TESTING	HIGH	QUALIFIED WITH LIMITATIONS	INTERCHANGEABILITY 20156-ICY-CS NOTE - 1 WAY WITH ASTM E466 PER CONDITION: ASTM E466 APPLICABLE WITH THE FOLLOWING CONDITIONS / LIMITATIONS: NOT INCLUDING WÖHLER CURVES INTERCHANGEABILITY 20267-ICY-CS NOTE - 1 WAY WITH IGC04-21-115 PER CONDITION: USE ISO 1143 FOR ROTARY BENDING TESTS	2026	QCS230760		10/07/2024

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