

AERO FABRICATIONS (Watnall)

COMMON LANE
NG16 1HA WATNALL
United Kingdom

FOR THE ATTENTION OF

Steve BUXTON Engineering
Richard DAWES Operations
Richard HIGGINGBOTTOM Quality Manager
Janis WAKEMAN Senior QA Officer

CERTIFICATE PREPARED BY
FARION Raïssa

YOUR QTML FOCAL POINT
FARION Raïssa

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DATE
02/10/2020

OUR REFERENCE
SUR2019.0119 Ind. F

ARP-ID of the External Shop
134705

TYPE of External Shop
Captive

Attestation letter for Qualification on Test Methods

Dear Madam, Dear Sir,

We herewith inform that the couples <Test Methods / External Shop> 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 <Test Methods / External Shop> 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 A2QS - All External Shops.

A qualified couple is not linked to a specific product. It is the proof that the External Shop is meeting the requirement of the M20691.2: Perform Couple <Product/Supplier Site> Compliance and Maturity's Activities for Material Products Suppliers and/or M20691.3: Perform Couple <Product/Supplier Site> Compliance and Maturity's Activities for Aerostructure Parts Suppliers.

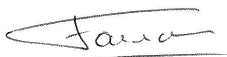
- On a quality aspect: we kindly ask you to indicate us any modification which could have a quality impact.
- Concerning technical requirements:
 - * We kindly ask you to participate at least every 2 years to the PTP for the tests you perform on Airbus Products (see Appendix for details on next PTP participation requirements).
You can find all necessary information about PTP participation process on the website: <https://ptpscheme.com>.
In case of PTP results out of tolerances, the couples qualification can be downgraded to an authorisation to proceed or withdrawn and the PTP participation frequency is reduced to one year, subject to acceptance by Airbus of your Root Cause Analysis and associated Corrective Actions.
 - * On the other hand, you shall supply at least every 2 years the results of your Internal Homogeneity Studies per Test Families.

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
- Evidence non-compliance with the M20691.2 and/or M20691.3
- Loss of Airbus Supplier Approval
- Stop of the Business

Yours faithfully,

FARION Raïssa
Airbus Test Methods Auditor POMDS – CE
Your QTML Focal Point



SAUX Alexandra
Test Methods Coordinator POMDS– CE



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

APPENDIX: Matrix of qualified Couples <Test Methods / External Shop>

We hereby declare the External Shop:

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Qualified or Authorised to proceed for the following Test processes:

Test Standard(s) *	Test label	Complex.	Qualif. Status	Next PTP part. **	QCS Ref.	Remark
AITM 1-0022	Wettability test	Low	Qualified			
AITM 2-0024	Determination of adhesion by wet tape testing	Low	Qualified			
AITM 3-0007	Drop (reaction) test on aluminium and aluminium alloys	Low	Qualified			
AITM 3-0030	Titration of sulphuric and tartaric acid in anodizing electrolytes	Low	Qualified			
AITM 3-0032	Analysis of metals in galvanic bathes by ICP-spectroscopy	Low	Qualified			
AITM 3-0034	Combined determination of free hydroxide and aluminium in alkaline surface treatment baths	Low	Qualified			
AITM 3-0035	Determination of chloride contaminations in surface treatment baths	Low	Qualified			
ASTM B117	Standard practice for operating salt spray (Fog) apparatus	Low	Qualified	2021		
ASTM B557	Tension Testing Wrought and Cast Aluminum- and Magnesium-Alloy Products	Low	Qualified	N/A		Not qualified for Young'Modulus
ASTM D1125	Standard Test Methods for Electrical Conductivity and Resistivity of Water	Low	Qualified			
ASTM D1293	Standard Test Methods for pH of Water	Low	Qualified			
ASTM D512	Chloride ion in water	Low	Qualified			
ASTM E18	Standard Test Methods for Rockwell Hardness of Metallic Materials	Low	Qualified	2021		
ASTM E8	Tension testing of metallic materials	Low	Qualified	N/A		Not qualified for Young'Modulus
EN 2002-1	Tensile testing at ambient temperature	Low	Qualified	N/A		Not qualified for Young'Modulus
ISO 2106	Anodizing of aluminium and its alloys - Determination of mass per unit area (surface density) of anodic oxidation coatings - Gravimetric method	Low	Qualified			

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Test Standard(s) *	Test label	Complex.	Qualif. Status	Next PTP part. **	QCS Ref.	Remark
ISO 2143	Anodizing of aluminium and its alloys - Estimation of loss of absorptive power of anodic oxidation coatings after sealing - Dye-spot test with prior acid treatment	Low	Qualified			
ISO 2409	Paints and varnishes - Cross-cut test	Low	Qualified	2021		
ISO 2808	Paints and varnishes - Determination of film thickness	Low	Authorised to Proceed October 2020	2022		Waiting RCA closed to requalify
ISO 2812-2	Paints and varnishes - Determination of resistance to liquids - Part 2: Water immersion method	Low	Qualified	2021		
ISO 4628-2	Paints and varnishes - Evaluation of degradation of coatings - Designation of quantity and size of defects, and of intensity of uniform changes in appearance - Part 2: Assessment of degree of blistering	Low	Qualified			Qualified 02.10.20
ISO 6508	Metallic materials - Rockwell hardness test	Low	Qualified	2021		Limitation: Maximun load 30K Aluminium only
ISO 9227	Corrosion tests in artificial atmospheres - Salt spray tests	Low	Qualified	2021		

* Unless otherwise specified, last issue of the standard shall apply.

** Next PTP participation year is given for information - It is the External Shop's responsibility to check every year on the PTP Website (<https://ptpscheme.com/>) which kits are proposed.