

**DEFONTAINE**

Rue Saint-Eloi - BP 1  
85530 LA BRUFFIERE  
France

**FOR THE ATTENTION OF**

Florence BOBY Responsable laboratoire  
Olivier RAFFIN Responsable assurance qualité

**CERTIFICATE PREPARED BY**  
BOURET Laura

**YOUR QTML FOCAL POINT**  
BOURET Laura

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+33 5 82 05 23 09

**DATE**  
15/04/2019

**OUR REFERENCE**  
SUR2018.0358 Ind. B

**ARP-ID of the External Shop**  
291334

**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In case of PTP results out of tolerances, the couples qualification can be downgraded to an authorisation to proceed or withdrawn and the PTP participation frequency is reduced to one year, subject to acceptance by Airbus of your Root Cause Analysis and associated Corrective Actions.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,

**BOURET Laura**  
**Airbus Test Methods Auditor POMDT – CE**  
**Your QTML Focal Point**



**SAUX Alexandra**  
**Test Methods Coordinator POMDT – 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
ASTM E112	Determining average grain size	Low	Qualified	2020		
ASTM E139	Creep, creep-rupture, and stress-rupture tests of metallic materials	Low	Qualified	2019		
ASTM E45	Determining the inclusion content of steel	Low	Qualified	2020		
ASTM E8	Tension testing of metallic materials	Low	Qualified with limitations	2020		Without Young's Modulus determination Stainless steel and Nickel alloys
ISO 643	Steels - Micrographic determination of the apparent grain size	Low	Qualified	2020		
ISO 6506 (ASTM E10)	Brinell hardness test	Low	Qualified	2020		
ISO 6507 (ASTM E92)	Vickers hardness test	Low	Qualified	2020		
ISO 6508 (ASTM E18)	Rockwell hardness test	Low	Qualified	2020		
Z_Metal. Spec. prep	Metallic specimen preparation (for mechanical testing)	None	Qualified			
Z_Opt. metallo.	Optical metallography	None	Qualified			

\* 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.