



**FROM**  
ROBIN Philippe  
**DATE**  
22/09/2014  
**E-MAIL**  
philippe.robin.external@airbus.com  
**OUR REFERENCE**  
SUR2013.0086 Ind. D  
**ARP-ID of the Company**  
227930

**COTESA GMBH**  
**Bahnhofstr. 67**  
**09648 MITTWEIDA**  
**Germany**

**FOR THE ATTENTION OF:**  
Helvi KURZHALS-NIEDERSTADT Quality assurance manager  
Jakob SCHULZ (Dr) Laboratory manager

Subject: Attestation of Airbus Testing Qualification

Dear Madam, Dear Sir,

You will find attached the Attestation of Airbus Testing Qualification referenced SUR2013.0086 Ind. D.

This Qualification (or extension of Qualification) is valid until end of 2014, except special comment in the Test List given next page(s).

We remind you that the extension of your Airbus Testing Qualification depends on your monitoring on a Quality Aspect and on a Technical Aspect.

On a Quality aspect, we kindly ask you to indicate us any modification which could have a Quality impact.

Concerning our Technical requirements, we kindly ask you to participate at least every 2 years (thus at the latest in 2014 or in the year indicated in the Attestation) to the PTP organized by EXOVA for the tests you perform on Airbus Products. You will find all the necessary information on the following website:

- <http://www.centech-sa.fr/ptp/> for Metallic Materials
- <http://www.centech-sa.fr/ptpcomposite/> for Composite Materials

In case of PTP results out of tolerances, the extension of Qualification will be reduced to one year, subject to acceptance by Airbus of your Root Cause Analysis and associated Corrective Actions and to a new participation to the PTP if necessary.

On the other hand, you will have to supply us the results of your Internal Homogeneity Studies performed in the meanwhile.

Please note that this Qualification may be cancelled by Airbus in case of major incident(s) detecting on one or several test processes.  
We wish you good reception and remain at your disposal for any further information or question.

Yours sincerely,

**Muriel MALHOMME**  
**Procurement Operations Quality System - POLV**  
**Airbus Laboratories Qualification Manager**

## ATTESTATION OF AIRBUS TESTING QUALIFICATION

Qualification reference: SUR2013.0086 Ind. D

File followed by: ROBIN Philippe

We hereby declare the company: **COTESA GMBH**

ARP-ID: 227930

Address: Bahnhofstr. 67  
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Germany

Qualified or Authorised to proceed for the following Tests processes until end of 2014:

Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
	Composite specimen production		Qualified			
	Composite specimen machining / cutting / tabbing		Qualified			
AITM 1-0003	Determination of the glass transition temperatures (DMA)	1	Qualified		2014	QCS 131007
AITM 1-0007-A / B / C / D	Fibre reinforced plastics - Determination of plain, open hole and filled hole tensile strength	2	Qualified		2015	
AITM 1-0008-B / C / D	Fiber reinforced plastics - Determination of open hole or filled hole compression strength	2	Qualified		2015	
AITM 1-0019	Determination of tensile lap shear strength of composite joints	2	Qualified		2015	
AITM 1-0022	Wettability test	2	Qualified			
AITM 1-0024	Determination of the completeness of cure of organic coatings	3	Qualified			
AITM 2-0061	Water pick up test-method to determine the impregnation level of prepreg materials	2	Qualified			
AITM 3-0002	Analysis of non metallic material (uncured) by differential scanning calorimetry (DSC)	1	Qualified		2014	QCS101065
AITM 3-0008 (EN 6064)	Determination of the extent of cure by differential scanning calorimetry (DSC)	1	Qualified		2014	QCS101065

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Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
AITM 4-0005	Macroscopic and microscopic examination of fiber reinforced plastics	2	Qualified			Restricted Qualification: ONLY for Macrosectioning
EN 2243-1	Structural adhesives - Part 1: Single lap shear	2	Qualified		2015	
EN 2243-3	Structural adhesives - Part 3: Peeling test metal-honeycomb core	2	Authorised to Proceed	December 2015	2015	
EN 2243-4	Structural adhesives - Part 4: Metal-honeycomb core flatwise tensile test	2	Qualified		2015	
EN 2377 (ISO 14130)	Glass fibre reinforced plastics - Determination of apparent interlaminar shear strength	2	Qualified			
EN 2557	Carbon fibre preimpregnates - Determination of mass per unit area	3	Qualified			
EN 2558	Carbon fibre preimpregnates - Determination of the volatile content	3	Qualified			
EN 2559	Carbon fibre preimpregnates - Test method for the determination of the resin and fibre content and the mass of fibre per unit area	3	Qualified			
EN 2560	Carbon fibre preimpregnates - Determination of the resin flow	3	Qualified			
EN 2561	Carbon Fibre reinforced plastics - Unidirectional laminates - Tensile test parallel to the fibre direction	2	Qualified		2015	
EN 2563	Carbon fibre reinforced plastics - Unidirectional laminates - determination of apparent interlaminar shear strength	2	Qualified		2014	

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Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
EN 2564	Carbon fibre laminates - Determination of the fibre, resin and void contents	3	Qualified		2015	
EN 2597	Carbon Fibre reinforced plastics - Unidirectional laminates - Tensile test perpendicular to the fibre direction	2	Qualified			
EN 2747	Glass fibre reinforced plastics - Tensile test	2	Qualified			
EN 2850-B (Pren) (ISO 14126-2)	Carbon fibre thermosetting resin unidirectional laminates - Compression test parallel to fibre direction - Method B	2	Qualified		2015	
ISO 2409	Paints and varnishes - Cross-cut test	2	Qualified		2014	
ISO 2808	Paints and varnishes - Determination of film thickness	2	Qualified			According to ISO 2808 and 80T-35-9120

\* Next PTP participation required = TBD: You will be informed when next PTP will be launched.

Remark: The Airbus Testing Qualification may be cancelled by Airbus in case of major incident(s) detected on one or several processes.

**Muriel MALHOMME**  
Procurement Operations Quality System - POLV  
Airbus Laboratories Qualification Manager

