



FROM
BOUVIER Mélanie
DATE
11/01/2012
E-MAIL
melanie.bouvier.external@airbus.com
OUR REFERENCE
SUR2011.0052 Ind. A

INCOTEST
Holmer Road
HR4 9SL HEREFORD
United Kingdom

FOR THE ATTENTION OF:

Jonathan SILK
Peter SCRIMSHIRE
Ian ELLIOTT

Quality Assurance Manager
Head of Analysis
Head of Quality

Subject: Attestation of Airbus Testing Qualification

Dear Madam, Dear Sir,

You will find attached the Attestation of Airbus Testing Qualification referenced SUR2011.0052 Ind. A.

This Qualification (or extension of Qualification) is valid until end of 2013, 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 2013 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 Round Robin 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 Auzanne-Besnard
Procurement Quality System (PQDA)
Airbus Laboratories Qualification Manager



ATTESTATION OF AIRBUS TESTING QUALIFICATION

Qualification reference: SUR2011.0052 Ind. A

File followed by: BOUVIER Mélanie
melanie.bouvier.external@airbus.com

We hereby declare the company:

INCOTEST

ARP-ID: 295929

Address: Holmer Road
HR4 9SL HEREFORD
United Kingdom

Qualified or Authorised to proceed for the following Tests processes until end of 2013:

Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
	Inert gas by fusion (method to be defined)		Qualified			
EN 3684	Titanium alloy wrought products - Determination of β transus temperature - Metallographic method	2	Qualified			
ISO 4516	Metallic and other inorganic coatings - Vickers and Knoop microhardness tests	2	Qualified			
	Spectrometry: optical emission (OES) (method to be defined)		Qualified			
AMS 2315	Determination of delta ferrite content		Qualified			



Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
	Combustion (method to be defined)		Qualified			
ASTM E139	Creep, creep-rupture, and stress-rupture tests of metallic materials		Qualified			
PrEN 6072	Fatigue test specimen machining (NADCAP test code O)	1	Qualified			
EN 3683	Titanium alloy wrought products - Determination of primary α content - Point count method and line intercept method	2	Qualified		2013	
ASTM E407	Microetching metals and alloys	2	Authorised to Proceed	Sept. 2012	2012	
IGC 04-24-176	Aluminium alloys - Ultimate analysis - Determination of the copper content by electrogravimetric analysis	2	Qualified			
ISO 671	Steel and cast iron - Determination of sulphur content - Combustion titrimetric method		Qualified			
ASTM E384 / ISO 6507	Microindentation hardness of materials	2	Authorised to Proceed	Sept. 2012	2012	



Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
	Analysis by spectrometry (others)		Qualified			
ASTM E1941	Determination of carbon in refractory and reactive metals and their alloys by combustion analysis		Qualified			
	Inductively coupled plasma mass spectroscopy (ICP-MS) (method to be defined)		Qualified			
	Mass spectroscopy: glow discharge (method to be defined)		Qualified			
ASTM E572 / ASTM E2465	Analysis of stainless and alloy steels by X-ray fluorescence spectrometry / Analysis of Ni-base alloys by X-ray fluorescence spectrometry		Qualified			
ASTM E572 / ASTM E2465	Analysis of stainless and alloy steels by X-ray fluorescence spectrometry / Analysis of Ni-base alloys by X-ray fluorescence spectrometry		Qualified			
ISO 6508 (ASTM E18)	Rockwell hardness test	2	Qualified		2013	
ASTM E2371	Analysis of Titanium and Titanium alloys by atomic emission plasma spectrometry		Qualified			



Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
EN 2002-1 (ASTM E8 / ASTM B557)	Tensile testing at ambient temperature	2	Authorised to Proceed	Sept. 2012	2012	
ISO 6507 (ASTM E92)	Vickers hardness test	2	Qualified		2013	
	Metallic specimen preparation (for mechanical testing) (method to be defined)		Qualified			
ISO 6506 (ASTM E10)	Brinell hardness test	2	Authorised to Proceed	Sept. 2012	2012	
ASTM E1447	Determination of hydrogen in titanium and titanium alloys by inert gas fusion thermal conductivity / infrared detection method	2	Qualified			
ASTM E112	Determining average grain size	2	Authorised to Proceed	Sept. 2012	2012	
EN 10045-1 (ASTM E23)	Charpy impact test - Part 1 : Test method (low temperature)	2	Authorised to Proceed	Sept. 2012	2012	
EN 3976	Titanium and titanium alloys - Chemical analysis for the determination of hydrogen content		Qualified			



Test Standard(s)	Test label	Test category	Qualif. Status	ATP Expiration date	Next PTP participation required	Remark
ISO 4140	Ferrochromium and ferrosilicochromium - Determination of chromium content - Potentiometric method		Qualified			
EN 2002-2	Tensile testing at elevated temperature	2	Qualified		2013	
ASTM E1409	Determination of nitrogen in titanium and titanium alloys by the inert gas fusion technique	2	Qualified			
ASTM E45	Determining the inclusion content of steel	2	Qualified			
EN 10276	Chemical analysis of ferrous materials - Determination of oxygen in steel and iron		Authorised to Proceed	Sept. 2012	2012	
ISO 643	Steels - Micrographic determination of the apparent grain size	2	Authorised to Proceed	Sept. 2012	2012	
EN 10045-1 (ASTM E23)	Charpy impact test - Part 1 : Test method (ambient temperature)	2	Authorised to Proceed	Sept. 2012	2012	

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

Muriel Auzanne-Besnard
Procurement Quality System (PQDA)
Airbus Laboratories Qualification Manager

