

APPLUS ILLESCAS

CL HISTORIA (NAVES 7 Y 8)

45200, ILLESCAS

ES

306790

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
Société par actions simplifiée au capital de 2.704.375 Euros
RCS Toulouse 383 474 81

Registered office:
1, rond-point Maurice Bellonte
31700 Blagnac, France

Test Methods (TM) as listed in Airbus Commercial Aircraft QTML for APPLUS ILLESCAS - (306790)

Test Standard(s)*	Test label	Complexity	Qualification Status	Limitation	Next External comparison test Participation. **	Technical Qualification Reference	Deviation Reference	Last Qualification Update date
AITM1-0007	FIBRE REINFORCED PLASTICS DETERMINATION OF PLAIN HOLE TENSILE STRENGTH COUNTERSUNK HEAD	LOW	AUTHORISED TO PROCEED-31/07/2022		2022			
AITM1-0003	DETERMINATION OF THE GLASS TRANSITION TEMPERATURES	HIGH	QUALIFIED		2023	131027		
AITM1-0005	FIBRE REINFORCED PLASTICS DETERMINATION OF INTERLAMINAR FRACTURE TOUGHNESS ENERGY MODE I	HIGH	QUALIFIED		2023	120305		
EN2561	CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PARALLEL TO FIBRE DIRECTION	LOW	AUTHORISED TO PROCEED-31/07/2022		2022			
EN2597	CARBON FIBRE REINFORCED PLASTICS TENSILE TEST PERPENDICULAR TO THE FIBRE DIRECTION	LOW	QUALIFIED					
EN2747	GLASS FIBRE REINFORCED PLASTICS TENSILE TEST	LOW	QUALIFIED					

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AITM1-0008	FIBRE REINFORCED PLASTICS DETERMINATION OF FILLED HOLE COMPRESSION STRENGTH COUNTERSUNK HEAD	HIGH	QUALIFIED WITH LIMITATIONS	- Limited to type: A1, A2, B, C & D / - Limited to HCCF / - Restricted to Determination of plain modulus using hydraulic grips ONLY. / - Determination of plain compression strength using hydraulic grips IS NOT ALLOWED.	2022	126574 / 151573		
EN2850	CARBON FIBRE REINFORCED PLASTICS COMPRESSION TEST PARALLEL TO FIBRE DIRECTION LOAD INTRODUCTION BY SHEAR	HIGH	QUALIFIED WITH LIMITATIONS	""Limited to type B test piece""	2023			
AITM1-0019	DETERMINATION OF TENSILE LAP SHEAR STRENGTH OF COMPOSITE JOINTS	LOW	QUALIFIED		2023			
EN2243-1	STRUCTURAL ADHESIVES SINGLE LAP SHEAR	LOW	QUALIFIED		2023			
EN2562	CARBON FIBRE REINFORCED PLASTICS FLEXURAL TEST PARALLEL TO FIBRE DIRECTION	LOW	QUALIFIED		2023			
EN2563	CARBON FIBRE REINFORCED PLASTICS DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH	LOW	QUALIFIED WITH LIMITATIONS	Also according to I+D-E 031	2023			

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AITM1-0053	CARBON FIBRE REINFORCED PLASTIC- DETERMINATION OF FRACTURE TOUGHNESS ENERGY OF BONDED JOINTS-MODE I-G1C	HIGH	QUALIFIED		2023	120321		
EN2330	AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE CONTENT OF VOLATILE MATTER	LOW	QUALIFIED					
EN2331	AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN AND FIBRE CONTENT AND MASS OF FIBRE PER UNIT AREA	LOW	QUALIFIED					
EN2558	AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE VOLATILE CONTENT	LOW	QUALIFIED					
EN2559	CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN AND FIBRE CONTENT AND THE MASS OF FIBRE PER UNIT AREA	LOW	QUALIFIED					
EN2560	AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF THE RESIN FLOW	LOW	QUALIFIED					

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EN2564	AEROSPACE SERIES - CARBON FIBRE LAMINATES - DETERMINATION OF THE FIBRE RESIN AND VOID CONTENTS	LOW	QUALIFIED		2023			
AITM3-0002	ANALYSE NICHTMETALLISCHER WERKSTOFFE (UNGEH?RTET) MITTELS DYNAMISCHER DIFFERENZKALORIMETRIE	HIGH	QUALIFIED		2023	180310		
AITM3-0008	DETERMINATION OF THE EXTENT OF CURE BY DIFFERENTIAL SCANNING CALORIMETRY	HIGH	QUALIFIED		2023	180311		
AITM3-0027	DETERMINATION OF THE MELTING BEHAVIOUR AND THE EXTENT OF CRYSTALLINITY OF SEMI-CRYSTALLINE MATERIALS BY DIFFERENTIAL SCANNING CALORIMETRY (DSC)	HIGH	AUTHORISED TO PROCEED-01/07/2022		2023			
AITM2-0061	WATER PICK UP TEST-METHOD TO DETERMINE THE IMPREGNATION LEVEL OF PREPEG MATERIALS	LOW	QUALIFIED					
EN2377	GLASS FIBRE REINFORCED PLASTICS: TEST METHOD; DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH	LOW	QUALIFIED					

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EN2243-3	STRUCTURAL ADHESIVES PEELING TEST METAL HONEYCOMB-CORE DRUM PEEL TEST	LOW	QUALIFIED WITH LIMITATIONS	Also according to QVA-Z10 46 05 and I+D-E-130	2023			
EN3615	AEROSPACE SERIES - FIBRE REINFORCED PLASTICS - DETERMINATION OF THE CONDITIONS OF EXPOSURE TO HUMID ATMOSPHERE AND OF MOISTURE ABSORPTION	LOW	QUALIFIED					
EN542	ADHESIVES - DETERMINATION OF DENSITY	LOW	QUALIFIED					
EN2332	AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF THE RESIN FLOW	LOW	QUALIFIED					
EN2329	AEROSPACE SERIES; TEXTILE GLASS FIBRE PREIMPREGNATES; TEST METHOD FOR THE DETERMINATION OF MASS PER UNIT AREA	LOW	QUALIFIED					
EN2557	AEROSPACE SERIES - CARBON FIBRE PREIMPREGNATES - DETERMINATION OF MASS PER UNIT AREA	LOW	QUALIFIED					

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ISO604	PLASTICS ? DETERMINATION OF COMPRESSIVE PROPERTIES	LOW	QUALIFIED					
ISO14130	FIBRE REINFORCED PLASTIC COMPOSITES: DETERMINATION OF APPARENT INTERLAMINAR SHEAR STRENGTH BY SHORT BEAM METHOD	LOW	QUALIFIED					
AITM1-0002	FIBRE REINFORCED PLASTICSDETERMINATION OF IN-PLANE-SHEAR PROPERTIES	LOW	QUALIFIED		2023			

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AITM1-0025	FIBER REINFORCED PLASTICS FLATWISE TENSILE TEST OF COMPOSITE SANDWICH PANEL	LOW	SUSPENDED		2023			
EN2243-4	STRUCTURAL ADHESIVES METAL-HONEYCOMB-CORE FLATWISE TENSILE TEST	LOW	SUSPENDED		2023			

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