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### **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



## ELEMENT MATERIALS TECHNOLOGY - (309680)

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Attestation Issuance Date: 27/03/2024



## Test Methods (TM) as listed in Airbus Commercial Aircraft QTML for ELEMENT MATERIALS TECHNOLOGY - (309680)

Test Standard(s)*	Test label	Complexity	Qualification Status	Limitation	Next External comparison test Participation. **	Technical Qualification Reference	Deviation Reference	Last Qualification Update date
ASTME10	STANDARD TEST METHOD FOR BRINELL HARDNESS OF METALLIC MATERIALS	LOW	QUALIFIED		2024			
ASTME1019	STANDARD TEST METHOD FOR DETERMINATION OF CARBON SULFUR NITROGEN AND OXYGEN IN STEEL IRON NICKEL AND COBALT ALLOYS BY VARIOUS COMBUSTION AND FUSION TECHNIQUES	LOW	QUALIFIED		2025			
ASTME1086	STANDARD TEST METHOD FOR ANALYSIS OF AUSTENITIC STAINLESS STEEL BY SPECTROSCOPY							

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ASTME2371	<del>STANDARD TEST METHOD FOR ANALYSIS OF</del>	Qualification	Qualification		ORISE4EdO 427.01.0	1733	471	471

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ASTME8	STANDARD TEST METHODS FOR TENSION TESTING OF METALLIC MATERIALS	LOW	QUALIFIED		2025			
ASTME9	STANDARD TEST METHODS OF COMPRESSION TESTING OF METALLIC MATERIALS AT ROOM TEMPERATURE	LOW	QUALIFIED		2024			
ASTME930	STANDARD TEST METHODS FOR ESTIMATING THE LARGEST GRAIN OBSERVED IN A METALLOGRAPHIC SECTION (ALA GRAIN SIZE)	LOW	QUALIFIED					
ASTMG34	STANDARD PRACTICE FOR EVALUATING EXFOLIATION CORROSION SUSCEPTIBILITY IN 2XXX AND 7XXX SERIES ALUMINUM ALLOYS	LOW	QUALIFIED					
ASTMG44	STANDARD PRACTICE FOR EXPOSURE OF METALS AND ALLOYS BY ALTERNATE IMMERSION IN NEUTRAL 3.5% SODIUM CHLORIDE SOLUTION	HIGH	QUALIFIED		2024	240192		27/03/2024
ASTMG47	STANDARD TEST METHOD FOR DETERMINING SUSCEPTIBILITY TO STRESS-CORROSION CRACKING OF 2XXX AND 7XXX ALUMINUM ALLOY PRODUCTS	HIGH	QUALIFIED		2024	240192		27/03/2024

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Test Standard(s)*	Test label	Complexity	Qualification Status	Limitation	Next External comparison test Participation. **	Technical Qualification Reference	Deviation Reference	Last Qualification Update date
ASTMG49	STANDARD PRACTICE FOR PREPARATION AND USE OF DIRECT TENSION STRESS-CORROSION TEST SPECIMENS	HIGH	QUALIFIED		2024	240192		27/03/2024
ASTMG85	STANDARD PRACTICE FOR MODIFIED SALT SPRAY (FOG) TESTING EXPERTISE: EDSWB / MAIN USER: EDSWO	LOW	QUALIFIED					
EN10276	DETERMINATION FO OXYGENIN STEEL AND IRON.	LOW	QUALIFIED		2025			21/09/2023
EN2002-1	TENSILE TESTING AT AMBIENT TEMPERATURE	LOW	QUALIFIED WITH LIMITATIONS	INTERCHANGEABILITY PER 19772-ICY-CS NOTE- 2 WAYS WITH ASTM B 557	2025			01/09/2022
EN2002-2	TENSILE TESTING AT ELEVATED TEMPERATURE	LOW	AUTHORISED TO					

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## Test Methods (TM) as listed in Airbus Commercial Aircraft QTML for ELEMENT MATERIALS TECHNOLOGY - (309680)

Test Standard(s)*	Test label	Complexity	Qualification Status	Limitation	Next External comparison Required	Revision

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Test Standard(s)*	Test label	Complexity	Qualification Status	Limitation	Next External comparison test Participation. **	Technical Qualification Reference	Deviation Reference	Last Qualification Update date
ISO9227	CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS	LOW	QUALIFIED		2024			
NASM1312-1	FASTENER TEST METHODS SALT SPRAY	LOW	QUALIFIED					
NASM1312-10	FASTENER TEST METHODS STRESS RUPTURE	LOW	QUALIFIED					
NASM1312-11	FASTENER TEST METHODS TENSION FATIGUE	HIGH	QUALIFIED		2024	210997		21/02/2023
NASM1312-12	FASTENER TEST METHODS THICKNESS OF METALLIC COATINGS	LOW	QUALIFIED					
NASM1312-13	FASTENER TEST METHODS DOUBLE SHEAR TEST	LOW	QUALIFIED		2025			21/09/2023

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NASM1312-5	FASTENER TEST METHODS STRESS DURABILITY	LOW	QUALIFIED					
NASM1312-6	FASTENER TEST METHODS HARDNESS	LOW	QUALIFIED					
NASM1312-8	FASTENER TEST METHODS TENSILE STRENGTH	LOW	QUALIFIED		2025			04/09/2023
NASM1312-9	FASTENER TEST METHODS STRESS CORROSION	LOW	QUALIFIED					
SAEAMS2315	DETERMINATION OF DELTA FERRITE CONTENT	LOW	QUALIFIED					

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ISO2409	PAINTS AND VARNISHES - CROSS-CUT TEST	LOW	WITHDRAWN		2023			12/02/2024
ISO6508	METALLIC MATERIALS - ROCKWELL HARDNESS TEST	LOW	WITHDRAWN		2024			26/10/2023

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