



ELEMENT MATERIALS TECHNOLOGY - (147019)

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Attestation Issuance Date: 13/12/2023



Test Methods (TM) as listed in Airbus Commercial Aircraft QTML for ELEMENT MATERIALS TECHNOLOGY - (147019)

Test Standard(s)*	Test label	Complexity	Qualification Status	Limitation	Next External comparison test Participation. **	Technical Qualification Reference	Deviation Reference	Last Qualification Update date
ASTMB527	STANDARD TEST METHOD FOR DETERMINATION OF TAP DENSITY OF METALLIC POWDERS AND COMPOUNDS	LOW	QUALIFIED		2024			
ASTMB769	STANDARD TEST METHOD FOR SHEAR TESTING OF ALUMINUM ALLOYS	LOW	QUALIFIED					
ASTMB822	STANDARD TEST METHOD FOR PARTICLE SIZE DISTRIBUTION OF METAL POWDERS AND RELATED COMPOUNDS BY LIGHT SCATTERING	LOW	QUALIFIED		2024			
ASTME112	STANDARD TEST METHODS FOR DETERMINING AVERAGE GRAIN SIZE	LOW	QUALIFIED		2024			
ASTME1181	STANDARD TEST METHODS FOR CHARACTERIZING DUPLEX GRAIN SIZES	LOW	QUALIFIED WITH LIMITATIONS	COMPARISON METHOD ONLY				13/12/2023
ASTME238	STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS	HIGH	AUTHORISED TO PROCEED-31/03/2024		2024	151194		17/10/2023

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ASTMG47	STANDARD TEST METHOD FOR DETERMINING SUSCEPTIBILITY TO STRESS-CORROSION CRACKING OF 2XXX AND 7XXX ALUMINUM ALLOY PRODUCTS	HIGH	QUALIFIED		2024	151182		
ASTMG49	STANDARD PRACTICE FOR PREPARATION AND USE OF DIRECT TENSION STRESS-CORROSION TEST SPECIMENS	HIGH	QUALIFIED		2024	151182		
EN2002-1	TENSILE TESTING AT AMBIENT TEMPERATURE	LOW	AUTHORISED TO PROCEED WITH LIMITATIONS-31/03/2024	INTERCHANGEABILITY PER 19772-ICY-CS NOTE- 2 WAYS WITH ISO6892 AND ASTM E8 WITHOUT CONDITIONS INCLUDING YOUNG MODULUS DETERMINATION PER ASTM E111	2024			15/11/2023
EN2002-6	METALLIC MATERIALS: BEND TESTING	LOW	QUALIFIED					
EN2003-9	AEROSPACE SERIES - TEST METHODS - TITANIUM AND TITANIUM ALLOYS - PART 009: DETERMINATION OF SURFACE CONTAMINATION	LOW	QUALIFIED WITH LIMITATIONS	METHOD A	2025			17/08/2023
EN2832	HYDROGEN EMBRITTLEMENT OF STEELS; NOTCHED SPECIMEN TEST	LOW	QUALIFIED		2023			

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EN3665	TEST METHODS FOR PAINTS AND VARNISHES - FILIFORM CORROSION RESISTANCE TEST ON ALUMINIUM ALLOYS	LOW	QUALIFIED					
EN6072	CONSTANT AMPLITUDE FATIGUE TESTING	HIGH	QUALIFIED		2025			
ISO13320	PARTICLE SIZE ANALYSIS — LASER DIFFRACTION METHODS	LOW	QUALIFIED		2024			
ISO1463	MEASUREMENT OF COATING THICKNESS - MICROSCOPICAL METHODE	LOW	QUALIFIED		2024			
ISO148-1	METALLIC MATERIAL - CHARPY PENDULUM IMPACT TEST	LOW	QUALIFIED WITH LIMITATIONS	NOT QUALIFIED FOR LATERAL EXPANSION / ABSORBED ENERGY ONLY (ROOM AND LOW TEMPERATURE)	2024			
ISO2360	NON-CONDUCTIVE COATINGS ON NON-MAGNETIC ELECTRICALLY CONDUCTIVE BASIS MATERIALS - MEASUREMENT OF COATING THICKNESS - AMPLITUDE-SENSITIVE EDDY CURRENT METHOD	LOW	QUALIFIED		2024			

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ISO2409	PAINTS AND VARNISHES - CROSS-CUT TEST	LOW	QUALIFIED		2024			21/10/2022
ISO2808	PAINTS AND VARNISHES - DETERMINATION OF FILM THICKNESS	LOW	QUALIFIED		2024			
ISO2812-2	PAINTS AND VARNISHES - DETERMINATION OF RESISTANCE TO LIQUIDS - PART 2: WATER IMMERSION METHOD	LOW	QUALIFIED		2024			
ISO2819	METALLIC COATINGS ON METALLIC SUBSTRATES; ELECTRODEPOSITED AND CHEMICALLY DEPOSITED COATINGS; REVIEW OF METHODS AVAILABLE FOR TESTING ADHESION	LOW	QUALIFIED					
ISO643	STEELS - MICROGRAPHIC DETERMINATION OF THE APPARENT GRAIN SIZE	LOW	QUALIFIED		2024			
ISO6508	METALLIC MATERIALS - ROCKWELL HARDNESS TEST	LOW	AUTHORISED TO PROCEED-31/03/2024		2024			27/07/2023

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ISO9227		CORROSION TESTS IN ARTIFICIAL ATMOSPHERES - SALT SPRAY TESTS	LOW	AUTHORISED TO PROCEED 31/03/2024		2024			18/10/2023
NASM1312-1		FASTENER TEST METHODS SALT SPRAY	LOW	QUALIFIED					
NASM1312-12		FASTENER TEST METHODS THICKNESS OF METALLIC COATINGS	LOW	QUALIFIED					

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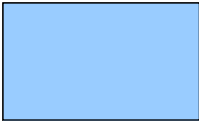
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NASM1312-8	FASTENER TEST METHODS TENSILE STRENGTH	LOW	WITHDRAWN					15/06/2023

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