



ELEMENT MATERIALS TECHNOLOGY - (147019)

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Attestation Issuance Date: 19/07/2023



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	AUTHORISED TO PROCEED WITH LIMITATIONS-31/07/2023	COMPARISON METHOD ONLY				29/11/2022
ASTME238	STANDARD TEST METHOD FOR PIN-TYPE BEARING TEST OF METALLIC MATERIALS	HIGH	QUALIFIED		2023	151194		

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ASTME3	STANDARD GUIDE FOR PREPARATION OF METALLOGRAPHIC SPECIMENS	LOW	QUALIFIED					
ASTME340	TEST METHODE FOR MACROETCHING OF METALS AND ALLOYS	LOW	QUALIFIED WITH LIMITATIONS	INTERCHANGEABILITY ICY-CS-19839 NOTE - 2 WAYS WITH EN2954 PER CONDITIONS: ONLY APPLICABLE FOR TITANIUM AND TITANIUM ALLOY WROUGHT				29/11/2022
ASTME399	STANDARD TEST METHOD FOR PLAIN STRAIN FRACTURE TOUGHNESS OF METALLIC MATERIALS	HIGH	QUALIFIED		2024	171304		
ASTME407	TEST METHODE FOR MICROETCHING OF METALS AND ALLOYS	LOW	QUALIFIED					
ASTME45	STANDARD TEST METHODS FOR DETERMINING THE INCLUSION CONTENT OF STEEL	LOW	QUALIFIED		2023			
ASTME647	STANDARD TEST METHOD FOR MEASUREMENT OF FATIGUE CRACK GROWTH RATES	HIGH	QUALIFIED WITH LIMITATIONS	CT and MT Specimens	2023	QCS131401		

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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
AITM1-0047	GLARE MATERIAL. INTERLAMINAR SHEAR TEST	LOW	SUSPENDED					15/06/2023
AITM1-0048	GLARE MATERIAL. COMPRESSION TEST	LOW	SUSPENDED					15/06/2023
AITM1-0049	GLARE MATERIAL. TENSILE TEST	LOW	SUSPENDED					15/06/2023
AITM1-0050	GLARE MATERIAL. OPEN HOLE TENSILE STRENGTH							

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ISO4287	GEOMETRICAL PRODUCT SPECIFICATION (GPS) - SURFACE TEXTURE: PROFILE METHOD - TERMS							

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