


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

 <p><b>UKAS</b> TESTING 8315</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p align="center"><b>Mettis Aerospace Ltd</b></p> <p align="center"><b>Issue No: 012      Issue date: 15 April 2025</b></p>	
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<p align="center"><b>Testing performed at the above address only</b></p>		

**Mettis Aerospace Ltd are accredited for a limited flexible scope that enables the laboratory to conduct accredited testing through Annex A1.5 of GEN 4 for the inclusion of revised standard methods for the activities detailed below, in accordance with their documented in-house procedure LI 138.**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TITANIUM ALLOYS	<u>Chemical Analysis</u>	
	Determination of Hydrogen (Inert Gas fusion Method)	ASTM E1447 BS EN 3976
ALUMINIUM ALLOYS	<u>Corrosion Tests</u>	
	Intergranular corrosion	ASTM G110
METALS, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests</u>	
	Bend Test	Documented In-house Method LI77 MSRR 8610 (Appendix 1) MSRR 8611 MSRR 8648 MSRR 8612
	Tensile Testing - Ambient temperature (Forces from 0.5 kN up to 1000 kN)	BS EN ISO 6892-1 BS EN 2002-1 ASTM E8/E8M ASTM B557 ASTM A370
	Izod Impact testing	BS 131 Part 1
	Charpy Impact (ambient Temperature) V-notch and U-Notch	BS EN ISO 148-1
	Fracture toughness ( $K_{1C}$ & $J_C$ )	ASTM E399 ASTM B645 ASTM B646 BS 7448-1:(Superseded, Withdrawn) BS ISO 12135 BS EN ISO 12737 (Withdrawn)



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**Mettis Aerospace Ltd**

**Issue No: 012 Issue date: 15 April 2025**

**Testing performed at main address only**

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS (cont'd)	<u>Metallurgical Tests</u>  Depth of Decarburisation  Macrostructure (Grain Delineation and Grain Flow)  Grain size (Comparison Method)	ASTM E1077 BS EN ISO 3887  Documented in house method LI97
ALUMINIUM ALLOYS	Overheat / Eutectic Melting	Documented in house method LI83
TITANIUM ALLOYS	Alpha Case Check	Documented in house method LI99
END		