Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

8315

Accredited to ISO/IEC 17025:2017

Mettis Aerospace Ltd

Issue No: 014 **Issue date:** 05 August 2026

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Testing performed at the above address only

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 Issue 1 dated 10/06/24.

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
TITANIUM ALLOYS	Chemical Analysis	
	Determination of Hydrogen (Inert Gas fusion Method)	ASTM E1447 BS EN 3976
ALUMINIUM ALLOYS	Corrosion Tests	
	Intergranular corrosion	ASTM G110
METALS, ALLOYS and METAL PRODUCTS	Mechanical Tests	
	Bend Test	Documented In-house Method LI77 Issue 17 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	Fracture toughness (K_{1C} & J_C)	ASTM E399 ASTM B645 ASTM B646 BS 7448-1:(Superseded, Withdrawn) BS ISO 12135 BS EN ISO 12737 (Withdrawn)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: 014 **Issue date:** 05 August 2026

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	ASTM E1077 BS EN ISO 3887
	Macrostructure (Grain Delineation and Grain Flow)	Documented in house method LI97 Issue 19
	Grain size (Comparison Method)	ASTM E112
ALUMINIUM ALLOYS	Overheat / Eutectic Melting	Documented in house method LI83 Issue 8
TITANIUM ALLOYS	Alpha Case Check	Documented in house method LI99 Issue 20
END		