Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

28181

Accredited to ISO/IEC 17025:2017

Cal-Test Technical Services Limited

Issue No: 006 **Issue date:** 22 September 2026

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Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS	Mechanical Tests	
	Hardness:	
Steel, Stainless Steel & Ni Alloy	Vickers (Hv10)	BS EN ISO 6507-1:2023 ASTM E92-23
	Rockwell (B & C Scale)	BS EN ISO 6508-1:2023 ASTM E18-25
	Brinell (HBW 1/30)	ASTM E10-23
	Impact:	
	Charpy at -196°C and -80°C to ambient temperature (Including lateral expansion & shear)	ASTM E23- 25 ASTM A923-23 Method B ASTM A370-26
	Tensile:	
	Ambient Temperature (Forces from 6kN to 600 kN)	BS EN ISO 6892-1:2019 Method A ASTM E8/E8M-25 ASTM A370-26
	Flattening Test	DIHM TP18 Version 1

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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>	
	Grain size (Comparison Method)	ASTM E112- 25 ASTM E1181-02(2023) ASTM E930-18
	Volume Fraction	ASTM E562-19^{e}1
	Inclusion Content (Manual Comparison)	ASTM E45-25 Methods A
	Austenite Spacing	ASTM E112- 25
	Micro Examination (Detection of Detrimental Phases)	ASTM A923-23 Method A BS EN ISO 17781:2017 (Section 5.2)
	Macro Examination	ASTM E381-22 ASTM E340-23
	<u>Corrosion Tests</u>	
Stainless Steels	Resistance to pitting	ASTM G48–25 – Method A ASTM A923-25 Method C
	Resistance to Intergranular	ASTM A262-15(2021) Practice C & E ASTM G28-24 Method A
END		