

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING</p> <p>28181</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Cal-Test Technical Services Limited</p> <p>Issue No: 005 Issue date: 23 March 2026</p>	
	<p>Unit C, Barton Business Park Barton Under Needwood Burton on Trent DE13 8BX</p>	<p>Contact: Callaghan Ayres Tel: +44 (0) 7917 356699 E-Mail: callaghan.ayres@cal-test.co.uk</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>METALS, ALLOYS and METAL PRODUCTS</p> <p>Steel, Stainless Steel & Ni Alloy</p>	<p><u>Mechanical Tests</u></p> <p>Hardness:</p> <p>Vickers (Hv10)</p> <p>Rockwell (B & C Scale)</p> <p>Brinell (HBW 1/30)</p> <p>Impact:</p> <p>Charpy at -196°C and -80°C to ambient temperature (Including lateral expansion & shear)</p> <p>Tensile:</p> <p>Ambient Temperature (Forces from 6kN to 600 kN)</p> <p>Flattening Test</p>	<p>BS EN ISO 6507-1:2023 ASTM E92-23</p> <p>BS EN ISO 6508-1:2023 ASTM E18-24</p> <p>ASTM E10-23</p> <p>ASTM E23- 25 ASTM A923-23 Method B ASTM A370-24a</p> <p>BS EN ISO 6892-1:2019 Method A ASTM E8/E8M-24 ASTM A370-24a</p> <p>DIHM TP18</p>



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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) Volume Fraction Inclusion Content (Manual Comparison) Austenite Spacing Micro Examination (Detection of Detrimental Phases) Macro Examination	ASTM E112- 24 ASTM E1181-02(2023) ASTM E930-18 ASTM E562-19 ^e 1 ASTM E45-18a (2023) Methods A ASTM E112- 24 ASTM A923-23 Method A BS EN ISO 17781:2017 (Section 5.2) ASTM E381-22 ASTM E340-23
Stainless Steels	<u>Corrosion Tests</u> Resistance to pitting Resistance to Intergranular	ASTM G48–11(2020)e1 – Method A ASTM A923-23 Method C ASTM A262-15(2021) Practice C & E ASTM G28-24 Method A

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