


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>8570</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Independent Forgings and Alloys Ltd – Technology Centre</h3>	
	<p>Issue No: 016 Issue date: 02 February 2024</p>	<p>IFA Technology Centre Victoria Forge Livesey Street Sheffield S6 2BL United Kingdom</p>
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<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
FERROUS & NON-FERROUS METALS, ALLOYS AND PRODUCTS	<u>Mechanical Test</u>	
	Tensile (Ambient Temperature) (Forces from 3kN to 300 kN)	BS EN ISO 6892-1:2019 BS EN 2002-1:2005 ASTM A370-23 ASTM E8/E8M-22
	Tensile (Temperature range 300 to 800°C) (Forces up to 100 kN)	BS EN ISO 6892-2:2018 BS EN 2002-2:2005 ASTM E21-20
	Stress Rupture Plain and notched stress rupture (Temperature range 600 to 1000°C) (Forces >10KN)	ASTM E139-11(2018) ASTM E292-18 BS EN 2002-005:2007
	Impact: Charpy (V-notch) and (temperatures from -80°C to 200°C)	BS EN ISO 148-1:2016 ASTM E23-23a ASTM A370-23
	Hardness: Rockwell (HRB & HRC)	BS EN ISO 6508-1:2016 ASTM E18-22
	Vickers (HV10 & HV30)	BS EN ISO 6507-1:2018 ASTM E92-23
	Brinell (HB 10/3000)	BS EN ISO 6506-1:2014 ASTM E10-23



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
FERROUS & NON-FERROUS METALS, ALLOYS AND PRODUCTS (cont'd)	<u>Metallurgical Tests</u> Grain size (Comparison Method) Grain Size (Intercept Method) Macro-etch examination Micro examination - Identification of Delta and Laves phases in Inco 718 Volume Fraction Counting	ASTM E112-13(2021) BS EN ISO 643:2020 ASTM E112-13(2021) ASTM E381-22 ASTM A604/A604M-07 (2022) API 6ACRA 1st edition API 6ACRA 1st edition BS 7590:1992 ASTM E562-19e1

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