


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>8570</b></p> <p>Accredited to <b>ISO/IEC 17025:2017</b></p>	<b>Independent Forgings and Alloys Ltd – Technology Centre</b>	
	<b>Issue No: 015</b>	<b>Issue date: 23 March 2023</b>
<b>IFA Technology Centre</b> <b>Victoria Forge</b> <b>Livesey Street</b> <b>Sheffield</b> <b>S6 2BL</b> <b>United Kingdom</b>	<b>Contact: Samuel Naylor</b> <b>Tel: +44 (0) 114 234 3000</b> <b>E-Mail: sdnaylor@independentforgings.com</b> <b>Web: www.independentforgings.com</b>	
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<b>FERROUS &amp; NON-FERROUS METALS, ALLOYS AND PRODUCTS</b>	<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 A370-22 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 E23-18 ASTM A370-22
	Hardness:  Rockwell (HRB & HRC)	BS EN ISO 6508-1:2016 ASTM E18-22
	Vickers (HV10 & HV30)	BS EN ISO 6507-1:2018 ASTM E92-17
	Brinell (HB 10/3000)	BS EN ISO 6506-1:2014 ASTM E10-18



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**Independent Forgings and Alloys Ltd – Technology Centre**

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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(2022) BS EN ISO 643:2020  ASTM E112-13(2022)  ASTM E381-22 ASTM A604/A604M-07 (2017) API 6ACRA 1st edition  API 6ACRA 1st edition  BS 7590:1992 ASTM E562-19e1

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