


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>UKAS</b> TESTING</p> <p>4277 Accredited to ISO/IEC 17025:2017</p>	<p><b>Metal Testing UK</b> <b>(A Division of Abbey Forged Products Ltd)</b></p> <p>Issue No: 032 Issue date: 20 May 2026</p>	
	<p><b>Beeley Wood Works</b> Beeley Wood Lane Sheffield S6 1ND</p>	<p><b>Contact: Mr James Clark</b> Tel: +44 (0)114 231 8805 Fax: +44 (0)114 231 8806 E-Mail: james.clark@abbeyfp.co.uk</p>
<p><b>Testing performed at the above address only</b></p>		

### DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests</u>	
	Tensile test (ambient to 700°C) (Forces 10kN to 250kN)	BS EN ISO 6892-1:2019 BS EN 6892-2:2018 (Method B) ASTM E8/E8M-25 ASTM E21-20 ASTM A370-24a
	<u>Impact</u>	
	Charpy (V Notch) (-196°C to ambient temperature) Including crystallinity/shear & lateral expansion	BS EN ISO 148-1:2016 ASTM E23-25 ASTM A370-24a ASTM A923-25(Method B)
	<u>Hardness</u>	
	Brinell (10/3000 HBW)	BS EN ISO 6506-1:2014 ASTM E10-23
	Rockwell (B & C Scales)	BS EN ISO 6508-1:2023 ASTM E18-25
	Vickers (HV10 & HV30)	BS EN ISO 6507-1:2023 ASTM E92-23
	<u>Corrosion</u>	
	Resistance to pitting corrosion	ASTM G48-25 (Method A)
Inter-granular corrosion	ASTM A262-15 Practice E(2021) ASTM G28- 24 Method A BS EN ISO 3651-2:1998 Method A	
Detecting detrimental Intermetallic phases (Duplex stainless steels)	ASTM A923-25 (Method C)	



4277

Accredited to  
ISO/IEC 17025:2017

**Schedule of Accreditation**  
issued by  
**United Kingdom Accreditation Service**  
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Metal Testing UK**  
**(A Division of Abbey Forged Products Ltd.)**

**Issue No: 032 Issue date: 20 May 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>Metallography</u>  Average Grain size (comparison method)  Inclusion content (Methods A & D)  Volume fraction  Macro examination   Micro structure assessment   Detecting detrimental Intermetallic phases (Duplex stainless steels)	ASTM E112-25 BS EN ISO 643:2024  ASTM E45-25  ASTM E562-19e <sup>1</sup>  ASTM E381-22 ASTM A604/604M-07(2022) API 6A718 2 <sup>nd</sup> Edition API 6ACRA 2nd Edition 2025  Documented in-house method QAP 023 API 6A718 2 <sup>nd</sup> Edition API 6ACRA 2nd Edition 2025  ASTM A923-25 (Method A)
Stainless Steels, Duplex Steels and Low Alloy Steels	Determination of Nitrogen	Documented in-house method QAP 041 using Inert gas fusion techniques
Ferrous and Non-ferrous Alloys including:  Low Alloy Steels	<u>Elemental analysis</u>  C, Si, Mn, P, S, Cr, Mo, Ni, Al, Co, Cu, Nb, Ti, V, W, Pb, Sn, As, Ca, Sb, Ta, B, Fe, Zr	Documented in-house method QAP 045 using spark source Optical Emission Spectroscopy
Duplex/Stainless Steels	C, Si, Mn, P, S, Cr, Mo, Ni, Al, Co, Cu, Nb, Ti, V, W, Pb, Sn, As, Ca, B, Fe	
Nickel Alloys	C, Si, Mn, P, S, Cr, Mo, Ni, Al, Co, Cu, Nb, Ti, V, W, Sn, B, Fe, Ta, Mg	
END		