

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p><b>UKAS TESTING</b> 4277 Accredited to ISO/IEC 17025:2005</p>	<p><b>Forge (UK) Ltd</b> <b>trading as Metal Testing UK</b></p> <p><b>Issue No: 005    Issue date: 09 January 2012</b></p>	
	<p><b>Beeley Wood Works</b> Beeley Wood Lane Sheffield S6 1ND</p>	<p><b>Contact: Mr David Burniston</b> Tel: +44 (0)114 231 8805 Fax: +44 (0)114 231 8806 E-Mail: David.Burniston@theabbeygroupuk.co.uk Website: N/A</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 up to 250kN)	BS EN ISO 6892-1:2009 BS EN 6892-2:2011 ASTM E8/E8M-08 ASTM E21-05 ASTM A370-11
	Impact: Charpy (U and V-notches) (-196°C to ambient temperature) Including crystallinity/shear & lateral expansion	BS EN ISO 148-1:2010 ASTM E23-07a <sup>e1</sup> ASTM A370-11
	Izod	BS 131:Part 1:1961(1996)
	<u>Hardness</u>	
	Brinell (10/3000 HBW)	BS EN ISO 6506-1:2005 ASTM E10-10
	Rockwell (B & C Scales)	BS EN ISO 6508-1:2005 ASTM E18-08b
	Vickers (HV10 & HV30)	BS EN ISO 6507-1:2005 ASTM E384-10 <sup>e2</sup>
	<u>Corrosion</u>	
	Resistance to pitting corrosion	ASTM G48-03 (Method A)
Inter-crystalline corrosion	ASTM A262-02a(2008) – Practice E BS EN ISO 3651-2:1998	



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**Metal Testing UK**

Issue No: 005 Issue date: 09 January 2012

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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>Metallography</u>  Grain size  Inclusion content (Methods A & D)  Volume fraction  Decarburisation depth (microscopic method)  Macro etch and examination  Micro structure assessment	ASTM E112-96 (2004) <sup>e2</sup> BS EN ISO 643:2003  ASTM E45-11  ASTM E562-08  ASTM E1077-01(2005)  ASTM E340-00(2006) ASTM E381-01(2006) ASTM A604/604M-07  Documented in-house method QAP 023
END		