


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 4355</p> <p>Accredited to ISO/IEC 17025:2017</p>	Sheffield Forgemasters Engineering Limited (Trading as RD Testing)	
	Issue No: 013 Issue date: 19 March 2020	
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Testing performed at the above address only		

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) (Forces up to 250kN)	BS EN ISO 6892-1:2016 ASTM A370-19e1 ASTM E8/E8M-16a
	Impact: Charpy (U and V-notches) (-196°C to +250°C) Including % crystallinity and lateral expansion	BS EN ISO 148-1:2016 ASTM E23-18
	Pellini drop weight	ASTM E208-17e1
	<u>Hardness</u>	
	Brinell (5/750 HBW, 10/3000 HBW)	BS EN ISO 6506-1:2014 ASTM E10-18
	Rockwell (B & C Scales)	BS EN ISO 6508-1:2016 ASTM E18-19
	Vickers (HV10 & HV30)	BS EN ISO 6507-1:2018 ASTM E92-17
	<u>Corrosion Tests</u>	
	Ferric chloride pitting corrosion resistance	ASTM G48-11(2015) Method A
<u>Metallurgical Tests</u>		
Volume fraction / ferrite count	ASTM E562-19	
END		