


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>8974</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>BeckProsper Limited</p> <p>Issue No: 012 Issue date: 21 July 2022</p>	
	<p>B19 First Avenue The Pensnett Estate Kingswinford DY6 7TR United Kingdom</p>	<p>Contact: Mr Adrian Peters Tel: +44 (0)1384 368812 Tel: +44 (0) 7971 093517 E-Mail: adrian.peters@beckprosper.com Website: www.beckprosper.com</p>
<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
METALS, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests</u>	
Bar Stock and Fasteners	Tensile at ambient temperature (Forces from 20 to 900kN)	ASTM A370-20 ASTM E8/E8M-21 BS EN ISO 6892-1: 2019
Nuts	Proof Load (Forces 3 to 950kNn)	ASTM A194/A194M-20a
Bar Stock, Fasteners and Nuts	<u>Hardness:</u> Vickers (HV0.2 & HV0.5)	ASTM E384-17 BS EN ISO 6507-1:2018
	Knoop (HK0.5)	ASTM E384-17
	Rockwell (HRBW & HRC)	ASTM A370-20 ASTM E18- 20
Bar Stock and Fasteners	<u>Impact:</u> Charpy V-notch (Temperature -196°C and -101°C to ambient) Including lateral expansion and % shear by comparison	ASTM A370-20 ASTM E23-18



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
Bar Stock and Fasteners (cont)	<u>Metallurgical evaluation:</u> Grain Size (comparative method) Characterising Duplex Grain Size Inclusion Content Decarburisation & Carburisation Macro etch and evaluation Assessment of Banding	ASTM E112-13 ASTM E1181-02(2015) ASTM E45-18a (Method A) ASTM F2328/F2328M-17 ASTM E381-20 ASTM E1268-19
Bar Stock and Fasteners	Non- Destructive Testing Carbon and Low Alloy Steels Magnetic Particle Inspection Dense and Corrosion Resistant Alloys Dye Penetrant Inspection	ASTM E1444/E1444M-21 ASTM E1417/E1417M-21
END		