

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2017</p>	BeckProsper Limited	
	Issue No: 007 Issue date: 02 November 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>	
Bar Stock and Fasteners	Tensile at ambient temperature (Forces from 20 to 900kN)	ASTM A370-19 _{e1} ASTM E8/E8M-16a Method A
	<u>Hardness:</u>	
Bar Stock, Fasteners and Nuts	Vickers (HV0.2 & HV0.5)	ASTM E384-17
	Knoop (HK0.5)	ASTM E384-17
	Rockwell (HRBW & HRC)	ASTM A370-19 _{e1} ASTM E18-19
Bar Stock and Fasteners	<u>Impact:</u>	
	Charpy V-notch (Temperature -196°C and -120°C to ambient) Including lateral expansion and % shear by comparison	ASTM A370-19 _{e1} ASTM E23-18
	<u>Metallurgical evaluation:</u>	
	Grain Size (comparative method)	ASTM E112-13
	Inclusion Content	ASTM E45-18a (Method A)
	Decarburisation & Carburisation	ASTM F2328/F2328M-14
	Macro etch and evaluation	ASTM E381-17
	Assessment of Banding	ASTM E1268-19



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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-16e1 ASTM E1417/E1417M-16
END		