


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 8974 Accredited to ISO/IEC 17025:2017	Beck Prosper Ltd	
	Issue No: 014 Issue date: 17 January 2025	
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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 A370-24 ASTM E8/E8M-24 BS EN ISO 6892-1: 2019
Nuts	Proof Load (Forces 3 to 950kNn)	ASTM A194/A194M-24
	<u>Hardness:</u>	
Bar Stock, Fasteners and Nuts	Vickers (HV0.3 & HV0.5)	ASTM E384-22 BS EN ISO 6507-1:2023
	Knoop (HK0.5)	ASTM E384-22
	Rockwell (HRBW & HRC)	ASTM A370-24 ASTM E18- 24
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 A370-24 ASTM E23-24



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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 E112-24) ASTM E1181-02(2023) ASTM E45-18a (23) (Method A) ASTM F2328/F2328M-17(2022) ASTM E381-22 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-22a ASTM E1417/E1417M-21e1
END		