


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 8325</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>BST Supplies & Co. Ltd</p> <p>Issue No: 010 Issue date: 19 May 2021</p>	
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<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
<p>METALS, ALLOYS and METAL PRODUCTS</p> <p>Fasteners (Including Bolts, Screws Studs and Nuts)</p>	<p><u>Mechanical Tests</u></p>	
	<p><u>Hardness</u></p>	
	<p>Brinell (HB 10/3000 and 5/750)</p>	<p>BS EN ISO 6506-1:2014 ASTM E10-18</p>
	<p>Rockwell (B & C Scales)</p>	<p>BS EN ISO 6508-1:2016 ASTM E18-20</p>
	<p>Vickers (HV0.5 and 0.3)</p>	<p>BS EN ISO 6507-1:2018 ASTM E384-17 ASTM E92-17</p>
	<p>Knoop (HK0.5 and 0.2)</p>	<p>BS EN ISO 4545-1:2018 ASTM E384-17 ASTM E92-17</p>
	<p><u>Impact</u></p>	
	<p>Charpy at -196°C and -101°C to ambient temperature including % shear and lateral expansion</p>	<p>ASTM A370-19e1 ASTM E23-18 BS EN ISO 148-1:2016</p>
	<p><u>Tensile</u></p>	
	<p>Tensile (Ambient temperature) (Forces from 2kN to 600 kN)</p>	<p>BS EN ISO 6892-1:2019 Method A ASTM A370-19e1 ASTM E8/E8M-16ae1 Method B</p>
<p>Tensile (Ambient Temperature) and Wedge Testing</p>	<p>BS EN ISO 898-1:2013 BS EN ISO 3506-1:2020 ASTM F606/F606M-19 ASTM A370-19e1 Annex3</p>	
<p>Proof Load</p>	<p>BS EN ISO 898-2:2012 ASTM A194/A194M-20 ASTM A962/A962M-19</p>	



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METALS, ALLOYS and METAL PRODUCTS (cont'd)	<u>Metallurgical Tests</u>	
	Inclusion Content	ASTM E45-18a
	Average Grain Size (by comparison)	ASTM E112-13
	Decarburisation	BS EN ISO 898-1:2013
	Decarburisation and Carburisation	ASTM F2328-17 ASTM F2328M-17
	Macro etch (by comparison)	ASTM A604A/604M-19
	Area Fraction of Duplex Grain (by comparison)	ASTM E1181-15
Steel bars	Macrostructure	ASTM E381-20
	Degrees of Banding in microstructures	ASTM E1268-19
	<u>Non-Destructive Tests</u>	
FERROMAGNETIC METALS	Magnetic particle inspection	BS EN 9934-1:2016 ASTM E1444-16e1 Def Stan 02-729 Part 2:2013 DGS PS 5108
NON FERROUS METALS	Liquid penetrant method Washable fluorescent	BS EN ISO 3452-1:2013 ASTM E1417/E1417M-16 Def Stan 02-729 Part 4:2013
END		