

issued by

United Kingdom Accreditation Service

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



8325

**Accredited to
ISO/IEC 17025:2017**

BST Supplies & Co. Ltd

Issue No: 016 Issue date: 13 March 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> <u>Hardness</u> Brinell (HB 10/3000 and 5/750) Rockwell (B & C Scales) Vickers (HV0.5 and 0.3) Knoop (HK0.5 and 0.2) <u>Impact</u> Charpy at -196°C and -101°C to ambient temperature including % shear and lateral expansion <u>Tensile</u> Tensile (Ambient temperature) (Forces from 2kN to 600 kN)	 BS EN ISO 6506-1:2014 ASTM E10-23 BS EN ISO 6508-1:2023 ASTM E18-24 BS EN ISO 6507-1:2023 ASTM E384-17 ASTM E92-23 BS EN ISO 4545-1:2023 ASTM E384-22 ASTM E92-17 ASTM A370-24 ASTM E23-23a BS EN ISO 148-1:2016
Fasteners (Including Bolts, Screws Studs and Nuts)	Tensile (Ambient Temperature) and Wedge Testing Proof Load	BS EN ISO 898-1:2013BS EN ISO 3506-1:2020 ASTM F606/F606M-21 ASTM A370-24 ISO 898-1:2013 BS EN ISO 898-2:2022 ASTM A194/A194M-24 ASTM A962/A962M-24



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Schedule of Accreditation
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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 E112-2024
	Decarburisation	BS EN ISO 898-1:2013
	Decarburisation and Carburisation	ASTM F2328-17(2002) ASTM F2328M-17 (2022)
	Macro etch (by comparison)	ASTM A604A/604M-07(2022)
	Area Fraction of Duplex Grain (by comparison)	ASTM E1181-02(2022)
Steel bars	Macrostructure	ASTM E381-22
	Degrees of Banding in microstructures	ASTM E1268-19
	<u>Non-Destructive Tests</u>	
FERROMAGNETIC METALS	Magnetic particle inspection	BS EN 9934-1:2016 ASTM E1444-22a Def Stan 02-729 Part 2:2013 DGS PS 5108
NON FERROUS METALS	Liquid penetrant method Washable fluorescent	BS EN ISO 3452-1:2021 ASTM E1417/E1417M-21e1 Def Stan 02-729 Part 4:2013
END		