Schedule of Accreditation

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:** 011 **Issue date:** 30 November 2021
	Zenith **Fordhouse Road** **Wolverhampton** **WV10 9FB** **Contact: Mr J York** **Tel: +44 (0) 1902 724 800** **Fax: +44 (0) 1902 725 741** **E-Mail: john.york@bstsupplies.com** **Website: www.bstsupplies.com**

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)	BS EN ISO 6506-1:2014 ASTM E10-18
	Rockwell (B & C Scales)	BS EN ISO 6508-1:2016 ASTM E18-20
	Vickers (HV0.5 and 0.3)	BS EN ISO 6507-1:2018 ASTM E384-17 ASTM E92-17
	Knoop (HK0.5 and 0.2)	BS EN ISO 4545-1:2018 ASTM E384-17 ASTM E92-17
	<u>Impact</u>	
	Charpy at -196°C and -101°C to ambient temperature including % shear and lateral expansion	ASTM A370-20 ASTM E23-18 BS EN ISO 148-1:2016
	<u>Tensile</u>	
	Tensile (Ambient temperature) (Forces from 2kN to 600 kN)	BS EN ISO 6892-1:2019 Method A ASTM A370-20 ASTM E8/E8M-21 Method B
Fasteners (Including Bolts, Screws Studs and Nuts)	Tensile (Ambient Temperature) and Wedge Testing	BS EN ISO 898-1:2013 BS EN ISO 3506-1:2020 ASTM F606/F606M-19 ASTM A370-19e1 Annex3
	Proof Load	BS EN ISO 898-2:2012 ASTM A194/A194M-20a ASTM A962/A962M-19

UKAS TESTING 8325 Accredited to ISO/IEC 17025:2017	**Schedule of Accreditation** **issued by** **United Kingdom Accreditation Service** 2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK
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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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-07(2020)
	Area Fraction of Duplex Grain (by comparison)	ASTM E1181-02(2015)
Steel bars	Macrostructure	ASTM E381-20
	Degrees of Banding in microstructures	ASTM E1268-19
	<u>Non-Destructive Tests</u>	
FEROMAGNETIC 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 3452-1:2021 ASTM E1417/E1417M-16 Def Stan 02-729 Part 4:2013
END		