Certificate of Accreditation



BST Supplies & Co Ltd

Testing Laboratory No. 8325

Is accredited in accordance with International Standard ISO/IEC 17025:2017 – General Requirements for the competence of testing and calibration laboratories.

This accreditation demonstrates technical competence for a defined scope specified in the schedule to this certificate, and the operation of a management system (refer joint ISO-ILAC-IAF Communiqué dated April 2017). The schedule to this certificate is an essential accreditation document and from time to time may be revised and reissued.

The most recent issue of the schedule of accreditation, which bears the same accreditation number as this certificate, is available from www.ukas.com.

This accreditation is subject to continuing conformity with United Kingdom Accreditation Service requirements.

Matt Gantley, Chief Executive Officer United Kingdom Accreditation Service

Initial Accreditation: 4 March 2015 Certificate Issued: 7 July 2020







Scan QR Code to verify

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: 009 Issue date: 07 July 2020

Zenith Contact: Mr J York
Fordhouse Road Tel: +44 (0) 1902 72

Fordhouse Road Tel: +44 (0) 1902 724 800 Wolverhampton Fax: +44 (0) 1902 725 741

WV10 9FB 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	Mechanical Tests	
11000010	<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 E18-17
	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 A370-17a ASTM E23-16b BS EN ISO 148-1:2016
	<u>Tensile</u>	
	Tensile (Ambient temperature) (Forces from 2kN to 600 kN)	BS EN ISO 6892-1:2016 Method A ASTM A370-17a ASTM E8/E8M-16a Method B
Fasteners (Including Bolts, Screws Studs and Nuts)	Tensile (Ambient Temperature) and Wedge Testing	BS EN ISO 898-1:2013 BS EN ISO 3506-1:2009 ASTM F606/F606M-16 ASTM A370-17a Annex3
	Proof Load	BS EN ISO 898-2:2012 ASTM A194/A194M-17a ASTM A962/A962M-17

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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

BST Supplies & Co. Ltd

Issue No: 009 Issue date: 07 July 2020

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
METALS, ALLOYS and METAL PRODUCTS (cont'd)	Metallurgical Tests		
	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-17	
	Area Fraction of Duplex Grain (by comparison)	ASTM E1181-15	
Steel bars	Macrostructure	ASTM E381-17	
	Degrees of Banding in microstructures	ASTM E1268-01(2016)	
	Non-Destructive Tests		
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 3452-1:2013 ASTM E1417/E1417M-16 Def Stan 02-729 Part 4:2013	
END			

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