


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

| | | |
|--|---|--|
|  <p>UKAS TESTING</p> <p>8325</p> <p>Accredited to ISO/IEC 17025:2017</p> | <p>BST Supplies & Co. Ltd</p> <p>Issue No: 014 Issue date: 20 May 2024</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 E10-23</p> |
| | <p>Rockwell (B & C Scales)</p> | <p>BS EN ISO 6508-1:2016 ASTM E18-22</p> |
| | <p>Vickers (HV0.5 and 0.3)</p> | <p>BS EN ISO 6507-1:2018 ASTM E384-17 ASTM E92-23</p> |
| | <p>Knoop (HK0.5 and 0.2)</p> | <p>BS EN ISO 4545-1:2018 ASTM E384-22 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 A370-23 ASTM E23-23a 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 A370-23 ASTM E8/E8M-22 Method B</p> |
| <p>Tensile (Ambient Temperature) and Wedge Testing</p> | <p>BS EN ISO 898-1:2013BS EN ISO 3506-1:2020 ASTM F606/F606M-21 ASTM A370-21 Annex3</p> | |
| <p>Proof Load</p> | <p>ISO 898-1:2013 BS EN ISO 898-2:2022 ASTM A194/A194M-23 ASTM A962/A962M-23a</p> | |



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Issue No: 014 Issue date: 20 May 2024

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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(2021) |
| | 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 | | |