

issued by

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



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

Issue No: 021 Issue date: 09 December 2024

72 Blackpole Trading Estate (West)
Worcester
WR3 8TJ
United Kingdom

Contact: Mr Michael McMillan
Tel: +44 (0)1905 780150
Fax: +44 (0)1905 780150
E-Mail: michael@metltd.co.uk
Website: www.metltd.co.uk

DETAIL OF ACCREDITATION

Assessment Manager: RL2



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

Materials Engineering & Testing Ltd
Issue No: 021 **Issue date:** 09 December 2024

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) Carbon and Stainless Steel reinforcing bars, wire rod, wires, mechanical splices (couplers) for the reinforcement of concrete	<u>Mechanical Tests</u> (cont'd) Tensile(Ambient temperature, forces from 20 kN to 2000 kN) Shear (Ambient temperature. forces from 20 kN to 1000 kN) Bend Rebend Fatigue (ambient temperature) (Forces up to 700kN) Slip Test Slip Test (Option 2)	BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS EN ISO 15630-2:2019 BS EN ISO 17660-1:2006 BS EN ISO 17660-2:2006 BS 4483: 2005 BS 4482: 2005 BS 6744:2016 (Withdrawn) BS 6744: 2023 BS 8548: 2017 BS 8597:2015 ISO 15835-2:2018 BS EN ISO 15630-2:2019 BS EN ISO 17660-1:2006 BS 4483: 2005 BS 4449:1997 (withdrawn) BS EN ISO 15630-1:2019 BS 6744:2023 BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 4482: 2005 BS 4483: 2005 BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016(Withdrawn) BS 6744: 2023 BS 8597:2015 ISO 15835-2:2018 BS 8597:2015 ISO 15835-2:2018



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

Materials Engineering & Testing Ltd
Issue No: 021 Issue date: 09 December 2024

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) Carbon and Stainless Steel reinforcing bars, wire rod, wires, mechanical splices (couplers) for the reinforcement of concrete (cont'd)	<u>Dimensional Tests</u> Determination of Geometrical Characteristics Effective cross-sectional area Projected and Relative Rib Area <u>Metallurgical Tests</u> Macro Preparation Vickers Hardness (HV10 & HV30) <u>Chemical Tests</u> Elemental analysis	BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016 (Withdrawn) BS 6744:2023 BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016 (Withdrawn) BS 6744: 2023 Documented in house method CDN No. 009 Issue 7 BS EN ISO 6507-1:2023
Low Alloy and Stainless Steel	Boron, Carbon, Chromium, Copper, Molybdenum, Manganese, Nitrogen, Nickel, Phosphorous, Silicon, Sulphur, Vanadium. Nitrogen	Documented in house method 7.10 using GNR Solaris CCD Plus Optical Emission Spectrometer Documented in house inert gas fusion method CDN 213 using LECO TC-400
END		