


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 8878</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>Materials Engineering & Testing Ltd</h3> <p>Issue No: 022 Issue date: 23 March 2026</p>	
	<p>72 Blackpole Trading Estate (West) Worcester WR3 8TJ United Kingdom</p>	<p>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</p>
<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
METALS, ALLOYS and METAL PRODUCTS	Visual Examination	BS EN ISO 17660-1:2006 BS EN ISO 17660-2:2006 BS 8548: 2017 BS EN ISO 5817:2023
Weldments	<u>Mechanical Tests</u>	
	Macro Examination`	BS EN ISO 17660-1:2006 BS EN ISO 17660-2:2006 BS 8548: 2017 BS EN ISO 5817:2023
	Vickers Hardness (HV10 & HV30)	BS EN 9015:1 2011 BS EN ISO 15614-1:17+A1: 2019 BS EN ISO 17660-1:2006 BS EN ISO 17660-2:2006 BS 8548: 2017
	Fracture Toughness K1c (Ambient Temperature)	ASTM E399-24



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>METALS, ALLOYS and METAL PRODUCTS (cont'd)</p> <p>Carbon and Stainless Steel reinforcing bars, wire rod, wires, mechanical splices (couplers) for the reinforcement of concrete</p>	<p><u>Mechanical Tests</u> (cont'd)</p> <p>Tensile(Ambient temperature, forces from 20 kN to 2000 kN)</p> <p>Shear (Ambient temperature. forces from 20 kN to 1000 kN)</p> <p>Bend</p> <p>Rebend</p> <p>Fatigue (ambient temperature) (Forces up to 700kN)</p> <p>Slip Test Slip Test (Option 2)</p>	<p>BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS EN ISO 15630-2:2019 BS EN ISO 17660-1:2006 BS EN ISO 17660-2:2006 BS 4483: 2005 (Superceded,withdrawn) BS 4483: 2025 BS 4482: 2005 BS 6744:2016 (Withdrawn) BS 6744: 2023 BS 8548: 2017 BS 8597:2015 ISO 15835-2:2018 ASTM A995/A995M-20c</p> <p>BS EN ISO 15630-2:2019 BS EN ISO 17660-1:2006 BS 4483: 2005 (Superceded,withdrawn) BS 4483: 2025</p> <p>BS 4449:1997 (withdrawn) BS EN ISO 15630-1:2019 BS 6744:2023 ASTM A995/A995M-20c</p> <p>BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 4482: 2005 BS 4483: 2005 (Superceded,withdrawn) BS 4483: 2025</p> <p>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</p> <p>BS 8597:2015 ISO 15835-2:2018</p>



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<p>METALS, ALLOYS and METAL PRODUCTS (cont'd)</p> <p>Carbon and Stainless Steel reinforcing bars, wire rod, wires, mechanical splices (couplers) for the reinforcement of concrete (cont'd)</p> <p>Low Alloy and Stainless Steel</p>	<p><u>Dimensional Tests</u></p> <p>Determination of Geometrical Characteristics</p> <p>Effective cross-sectional area Projected and Relative Rib Area</p> <p><u>Metallurgical Tests</u></p> <p>Macro Preparation</p> <p>Vickers Hardness (HV10 & HV30)</p> <p><u>Chemical Tests</u></p> <p>Elemental analysis</p> <p>Boron, Carbon, Chromium, Copper, Molybdenum, Manganese, Nitrogen, Nickel, Phosphorous, Silicon, Sulphur, Vanadium.</p> <p>Nitrogen</p>	<p>BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016 (Withdrawn) BS 6744:2023 ASTM A995/A995M-20c</p> <p>BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016 (Withdrawn) BS 6744: 2023 ASTM A995/A995M-20c</p> <p>Documented in house method CDN No. 009 Issue 7</p> <p>BS EN ISO 6507-1:2023</p> <p>Documented in house method 7.10 using GNR Solaris CCD Plus Optical Emission Spectrometer</p> <p>Documented in house inert gas fusion method CDN 213 using LECO TC-400</p>
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