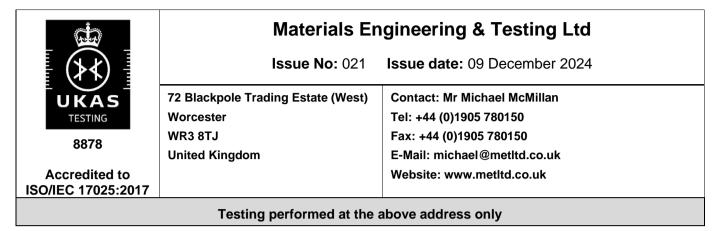
Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS	measureu/Kange of measurement	
	Visual Examination	BS EN ISO 17660-1:2006 BS EN ISO 17660-2:2006 BS 8548: 2017 BS EN ISO 5817:2023
	Mechanical Tests	
Weldments	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 Engineering & Testing Ltd

Issue No: 021

121 **Issue date:** 09 December 2024

Accredited to ISO/IEC 17025:2017

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(couplers) for the reinforcement of concrete	Tensile(Ambient temperature, forces from 20 kN to 2000 kN)	BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS EN ISO 15630-2:2019 BS EN ISO 17660-1:2006 BS EN ISO 17660-2:2006 BS 4483: 2005 BS 4482: 2005 BS 6744:2016 (Withdrawn) BS 6744: 2023 BS 8548: 2017 BS 8597:2015 ISO 15835-2:2018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	Bend	BS 4449:1997 (withdrawn) BS EN ISO 15630-1:2019 BS 6744:2023
	Rebend	BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 4482: 2005 BS 4483: 2005
	Fatigue (ambient temperature) (Forces up to 700kN)	BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016(Withdrawn) BS 6744: 2023 BS 8597:2015 ISO 15835-2:2018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



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(couplers) for the reinforcement of concrete (cont'd)	Determination of Geometrical Characteristics	BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016 (Withdrawn) BS 6744:2023	
	Effective cross-sectional area Projected and Relative Rib Area	BS 4449:1997 (withdrawn) BS 4449:2005+A3:2016 BS EN ISO 15630-1:2019 BS 6744:2016 (Withdrawn) BS 6744: 2023	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