

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>9416</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Metaltest UK (a division of LTI Metaltech Limited)</p> <p>Issue No: 010 Issue date: 27 January 2021</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
METAL, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests</u>	
	Bend	BS EN ISO 7438:2020
	Hardness:	
	Brinell (HBW 1/30)	BS EN ISO 6506-1:2014 ASTM E10-18
	Rockwell (B & C)	BS EN ISO 6508-1:2016 ASTM E18-20
	Vickers (HV5, 10 and 30)	BS EN ISO 6507-1:2018 ASTM E92-17
	Impact:	
	Charpy (V- notch) (-196°C and -100°C to Ambient Temperature)	BS EN ISO 148-1:2016 ASTM E23-18
	Percentage shear	BS EN ISO 148-1:2016 ASTM E23-18
	Tensile:	
Ambient Temperature	BS EN ISO 6892-1:2019 ASTM E8/E8M-16ae1 ASTM A370-20	



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>METAL, ALLOYS and METAL PRODUCTS (cont'd)</p> <p>Cast iron</p> <p>Weldments</p>	<p><u>Metallurgical Tests</u></p> <p>Grain size (Comparative method)</p> <p>Grain Directionality</p> <p>Coating and plating thickness</p> <p>Volume fraction</p> <p>Evaluation of Microstructural Graphite</p> <p>Tests designated in specified Welding Codes as detailed below: -</p> <p>Bend, Fracture, Hardness, Impact, Tensile, Macro and Micro examination</p>	<p>BS EN ISO 643:2020 ASTM E112-13</p> <p>DIHM MTTTP-0104 rev 2</p> <p>BS EN ISO 1463:2004</p> <p>ASTM E562-19e1</p> <p>ASTM A247-19</p> <p>BS EN ISO 5173:2010+A1:2011 BS EN ISO 9017:2018 BS EN ISO 9015-1:2011 BS EN ISO 9016:2012 BS EN ISO 4136:2012 BS EN ISO 5178:2019 BS EN ISO 17639:2013 ASME IX:2019 BS EN 287: Part 1: 2011 (Withdrawn) BS EN ISO 9606-1:2017 BS EN ISO 9606-2:2004 BS EN ISO 15614-1:2017+A1:2019 BS EN ISO 15614-2:2005</p>
END		