


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>4199</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Induction Pipe Bending UK Limited Trading as IPB Mechanical Testing</p> <p>Issue No: 030 Issue date: 22 April 2024</p>	
	<p>11 Sedling Road Wear Industrial Estate Washington Tyne & Wear NE38 9BZ</p>	<p>Contact: Mr D McAlpine Tel: +44 (0)1914 178066 Fax: +44 (0)1914 178078 E-Mail: dmcalpine@inductionbending.co.uk Website: www.ipbtesting.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
<p>ENGINEERING MATERIALS, MACHINERY, STRUCTURES & PRODUCTS</p> <p>METALS, ALLOYS and METAL PRODUCTS</p> <p>Carbon steel, stainless steel, duplex stainless steel</p>	<p><u>Mechanical Tests</u></p> <p>Tensile - ambient temperature (forces from 0.25kN to 500kN)</p> <p>Hardness: Brinell HBW 10/3000</p> <p>Vickers (HV10)</p> <p>Charpy Impact (V notch) (-101°C to ambient & -196°C) including lateral expansion and percentage shear</p> <p>Izod (ambient)</p> <p>Bend</p>	<p>BS EN ISO 6892-1:2019 Method A ASTM A370-23 ASTM E8/E8M-24 Method B API 5L (46th Edition) 2018</p> <p>BS EN ISO 6506-1:2014 ASTM A370-23 ASTM E10-23</p> <p>BS EN ISO 6507-1:2023</p> <p>BS EN ISO 148-1:2016 ASTM A370-23 ASTM E23-23a</p> <p>BS 131-1:1961 (2007)</p> <p>BS EN ISO 7438:2020</p>
<p>Metals & weldments - corrosion Stainless steels</p>	<p><u>Corrosion Tests</u></p> <p>Pitting corrosion</p> <p>Intergranular corrosion</p>	<p>ASTM G48-11 (2020e1) Method A</p> <p>ASTM A262-15 (2021) Method E ASTM G28-22 Method A</p>



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Induction Pipe Bending UK Limited
Trading as IPB Mechanical Testing
Issue No: 030 Issue date: 22 April 2024

Testing performed at main address only

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>Metals & weldments - metallurgical Duplex stainless steels</p> <p>Weldments, Steels and Aluminium Alloys</p>	<p><u>Chemical Tests</u></p> <p><u>Metallurgical Tests</u></p> <p>Phase analysis (Ferrite count)</p> <p>Grain size - comparative method</p> <p><u>Mechanical and Metallurgical Tests</u></p> <p>Test designated in specified welding codes, excluding non-destructive testing, as detailed below -</p> <p>BendHardness, Impact, Tensile, Macro and Micro-examination</p>	<p>ASTM E562-19e1</p> <p>ASTM E112-13(2021)</p> <p>BS EN ISO 17639:2022</p> <p>BS EN ISO 4136:2022</p> <p>BS EN ISO 5173:23</p> <p>BS EN ISO 9015-1:2011</p> <p>BS EN ISO 9016:2022</p> <p>BS EN ISO 9017:2018</p>

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