


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>4199</p> <p>Accredited to ISO/IEC 17025:2005</p>	<p>Induction Pipe Bending UK Limited Trading as IPB Mechanical Testing</p> <p>Issue No: 008 Issue date: 18 April 2012</p>	
	<p>11 Sedling Road Wear Industrial Estate Washington Tyne & Wear NE38 9BZ</p>	<p>Contact: Mr I Dawson Tel: +44 (0)191 4178066 Fax: +44 (0)191 4178078 E-Mail: idawson@ipbtesting.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) (temperatures 77K to ambient) including lateral expansion/percentage shear</p> <p>Izod (ambient)</p> <p>Bend</p>	<p>BS EN ISO 6892-1:2009 Method B ASTM A370-11a ASTM E8/E8M-09 API 5L (44th Edition) 2007</p> <p>BS EN ISO 6506-1:2005 ASTM A370-11a ASTM E10-10</p> <p>BS EN ISO 6507-1:2005</p> <p>BS EN ISO 148-1:2010 ASTM A370-11a ASTM E23-07a^{e1}</p> <p>BS 131-1:1961(1986)</p> <p>BS EN ISO 7438:2005</p>
<p>Metals & weldments - corrosion Stainless steels</p>	<p><u>Corrosion Tests</u></p> <p>Pitting corrosion</p>	<p>ASTM G48-11 (Method A)</p>



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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)	<u>Metallurgical Tests</u>	
Metals & weldments - metallurgical Duplex stainless steels	Phase analysis (Ferrite count)	ASTM E562-11
	Grain size - comparative method	ASTM E112-10
	Detecting detrimental Intermetallic phases (Duplex stainless steels)	ASTM A923-08 (Method A)
	<u>Mechanical and Metallurgical Tests</u>	
Weldments, Steels and Aluminium Alloys	Test designated in specified welding codes, excluding non-destructive testing, as detailed below -	BS EN 287:Part 1:2004+A2:2006 (Withdrawn)
		BS EN ISO 9606-2:2004
		BS EN ISO 15614-1:2004+A1:2008
		BS EN ISO 15614-2:2005
		BS EN 875:1995 (Withdrawn)
		BS EN 895:1995 (Withdrawn)
		BS EN 910:1996 (Withdrawn)BS
		EN 1043-1:1996 (Withdrawn)
		BS EN 1320:1997
		BS EN 1321:1997
		AWS D1.1/D1.1M:2010
END		