


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Spree Engineering Ltd</h3> <p>Issue No: 022 Issue date: 12 January 2012</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
METALS, ALLOY and METAL PRODUCTS	<u>Mechanical Testing</u> Bend	BS EN ISO 7438:2005
	Hardness: Vickers (HV10) Impact: Charpy V-notch (Temperatures -50°C to ambient) Tensile: Ultimate tensile strength only (Forces from 2 kN to 500 kN)	BS EN ISO 6507-1:2005 BS EN ISO148-1 :2010 BS EN ISO6892-1 :2009 Method B
LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments	<u>Non-Destructive Tests</u> Liquid penetrant method Portable kit using colour contrast ink and Water Washable fluorescent	BS 6443:1984(Withdrawn) BS EN 571-1:1997 ASME V:2010
	Ultrasonic flaw detection Manual contact method	BS 3923:Part 1:1986(Withdrawn) BS EN 10160:1999 BS EN 1714:1998 ASME V:2010
FERROMAGNETIC METALS	Magnetic particle inspection AC yokes and permanent magnets using black and fluorescent inks	BS EN ISO 17638 :2009 BS EN 1290:1998 (Superseded) ASME V:2010



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
LIGHT and DENSE METALS and ALLOYS including castings and weldments WELDMENTS	Radiography: X-Ray 20 keV to 200 keV Tests designated in specified welding codes as detailed below:- <u>Mechanical and Non-Destructive Tests</u> Bend, Fracture, Hardness, Impact, Tensile, Liquid penetrant, Magnetic particle examination	BS 2600:Part 1:1983 (Withdrawn) BS 2910:1986 (Withdrawn) BS EN 444:1994 BS EN 1435:1997 ASME V:2010 BS EN 287:Part 1:2004 BS EN ISO 9606 :Part 2 :2004 BS EN 288-Part 9 :1999 BS EN ISO15614-1:2004 BS EN ISO 9016:2011 BS EN ISO 5178:2011 BS EN ISO 4136:2010 BS EN ISO 5173 :2010 BS EN ISO 17637:2011 BS EN ISO9015-1:2011 BS EN 1320:1997 BS EN 1321:1997 BS 4872:Part 1:1982 ASME IX: 2010
END		