

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS TESTING 1611</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Advanced Metallurgical Services Ltd</h3> <p>Issue No: 015 Issue date: 09 August 2011</p>	
	<p>Mosshey Street Shaw Oldham OL2 8QL</p>	<p>Contact: Mr K Glaister Tel: +44 (0)1706-882891 Fax: +44 (0)1706-882893 E-Mail: ken.ams@pdnorthern.co.uk Website: www.amshaw.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>METALS, ALLOYS and METAL PRODUCTS</p> <p>Plain carbon and low alloy steels</p>	<p><u>Chemical Tests</u></p> <p>Elemental Analysis C, Si, Mn, P, S, Cr, Ni, Al, Cu, Mo, V, Nb, Fe</p> <p><u>Mechanical Tests</u></p> <p>Bend</p> <p>Hardness: Vickers (HV5, HV10, HV30)</p> <p>Impact: Charpy (temperatures from 223 K to ambient)</p> <p>Tensile (forces from 5 to 250 kN)</p> <p>Through thickness tensile</p>	<p>Documented In-House Method AMS-6QP3-007 using Optical Emission Spectroscopy techniques</p> <p>BS EN ISO 7438:2005</p> <p>BS EN ISO 6507-1:2005</p> <p>BS EN 10045-1:1990</p> <p>BS EN ISO 6892-1:2009</p> <p>BS EN 10164:2004</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) Weldments	<u>Mechanical Tests</u> Tests designated in specified Welding Codes as detailed below: Bend, Hardness, Impact, Tensile and Macro examination	BS EN 287:Part 1:1992 BS EN ISO 9606-2:2004 BS EN ISO 15614-1:2004 + A1 BS EN ISO 15614-2:2005 BS EN 875:1995 BS EN 876:1995 BS EN 895:1995 BS EN ISO 5173:2010 BS EN 1043-1:1996 BS EN 1320:1997 BS EN 1321:1997
END		