


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	ASAMS Limited	
	Issue No: 043 Issue date: 26 September 2018	
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests</u>	
	Bend	BS EN ISO 7438:2016
	Hardness:	
	Brinell (HB 10/3000)	BS EN ISO 6506-1:2014 ASTM E10- 17
	Rockwell (B and C scales)	BS EN ISO 6508-1:2016 ASTM E18-17e1
	Vickers (HV5, 10)	BS EN ISO 6507-1:2018 ASTM E92-17
	Tensile at ambient temperature (Forces up to 600 kN)	BS EN ISO 6892-1:2016 ASTM E8/E8-16a ASTM A370-17a ASTM B557-15
	Impact testing:	
	Charpy (-196°C and -123°C to Ambient Temperature)	BS EN ISO 148-1:2016 ASTM E23- 16b ASTM A923-14 Method B
	Lateral expansion and % Shear	BS EN ISO 148-1:2016 ASTM E23- 16b



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METALS, ALLOYS and METAL PRODUCTS (cont'd)	<u>Metallurgical Tests</u>	
	Macrostructure and Microstructure Assessment	ASAMS OP No 07 rev1
	Ferrite content	ASTM E562:11 OP27 Rev1 using Feritscope
	Graphite content by Comparison	ASTM A247:17
	Average Grain size	ASTM E112:13
	Austenite Spacing	DNV-RP-F112 Section 7
	Coating thickness	ASTM B487:85(2013)
Duplex Stainless Steel	Detrimental Intermetallic Phases	ASTM A923-14 Method A
WELDMENTS	<u>Mechanical and Metallurgical Tests</u>	
	Tests designated in specified welding codes as detailed below:	
	Bend, Fracture, Hardness, Impact, Tensile and Macro assessment in accordance with specific welding codes	BS EN ISO 9606-1:2017 BS EN ISO 9606-2:2004 BS EN ISO 15614-1:2017 BS EN ISO 15614-2:2005 BS EN ISO 15614-6:2006 BS EN ISO 15614-7:2016 BS EN ISO 15614-8:2016 BS EN ISO 9016:2012 BS EN ISO 5178:2011 BS EN ISO 4136:2012 BS EN ISO 5173:2010+A1:2011 BS EN ISO 9015-1:2011 BS EN ISO 9017:2018 BS EN ISO 17639:2013 BS 4515:Part 1:2009 BS 4515:Part 2:1999 BS 4871:Part 3:1985 BS 4872:Part 1:1982 BS 4872:Part 2:1976 ANSI/AWS D1.1-15 ASME IX- 17 ASAMS OP No 07 rev. 2 ASAMS OP No 09 rev. 1 BS EN ISO 5817:2014



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STAINLESS STEELS	<u>Corrosion Tests</u> Pitting and crevice corrosion resistance	ASTM G48-2011(2015) (Method A) ASTM A923-14 Method C
AUSTENITIC STAINLESS STEELS	Susceptibility to intergranular attack	ASTM A262- 15 (Practice A and E)
END		