


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>0935</p> <p>Accredited to ISO/IEC 17025:2017</p>	<h3>ASAMS Limited</h3> <p>Issue No: 045 Issue date: 20 November 2019</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, 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- 18
	Rockwell (B and C scales)	BS EN ISO 6508-1:2016 ASTM E18-19
	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 A370-19 ASTM B557-15
	Impact testing:	
	Charpy (-196°C and -123°C to Ambient Temperature)	BS EN ISO 148-1:2016 ASTM E23- 18 ASTM A923-14 Method B
Lateral expansion and % Shear	BS EN ISO 148-1:2016 ASTM E23- 18	



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METALS, ALLOYS and METAL PRODUCTS (cont'd)	<u>Metallurgical Tests</u>		
	Macrostructure and Microstructure Assessment	ASAMS OP No 07 rev2	
	Ferrite content	ASTM E562:11 OP27 Rev1 using Feritscope	
	Graphite content by Comparison	ASTM A247:19	
	Average Grain size	ASTM E112:13	
	Austenite Spacing	DNVGL-RP-F112 A.6	
	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:	BS EN ISO 9606-1:2017 BS EN ISO 9606-2:2004 BS EN ISO 15614-1:2017+A1:2019 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 5178:2019 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- 19 ASAMS OP No 07 rev. 2 ASAMS OP No 09 rev. 1 BS EN ISO 5817:2014
Bend, Fracture, Hardness, Impact, Tensile and Macro assessment in accordance with specific welding codes			



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Carbon steel, stainless steel & stainless steel clad reinforcing bars, wire rod, wires, welded fabrics for the reinforcement of concrete, and steel bars, wire and strand for the pre-stressing of concrete	<u>Mechanical Tests</u>	
	Tensile (R _m and F _m only) (Forces to 600 kN)	BS EN ISO 15630-1:2019 BS 8548:2017
	Weld shear	BS EN ISO 15630-2:2019 BS 8548:2017
	Rebend	BS 8548:2017
	<u>Metallurgical tests</u>	
	Macro examination	BS 8548:2017
	<u>Corrosion Tests</u>	
STAINLESS STEELS	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		