


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <b>0935</b> <b>Accredited to ISO/IEC 17025:2017</b>	<b>ASAMS Limited</b>	
	<b>Issue No: 047    Issue date: 26 May 2023</b>	
	<b>Marine Building Owen Road Harfreys Industrial Estate Great Yarmouth Norfolk NR31 0NA</b>	<b>Contact: Mr A Page Tel: +44 (0)1493 653535 Fax: +44 (0)1493 653254 E-Mail: sales@asams.co.uk Website: www.asams.co.uk</b>
<b>Testing performed at the above address only</b>		

### DETAIL OF ACCREDITATION

#### Flexible Scope

The laboratory is accredited to ISO/IEC17025:2017 for testing activities in accordance with the standards highlighted in this schedule. ASAMS Ltd, through use of their controlled procedure QP08, may also include tests, under accreditation, on the same or similar product types against standards, or customer-specified methods, that are not specifically listed in this Schedule, providing that:-

- (1) The method or standard does not introduce any new principles of measurement.
- (2) The method or standard does not require measurements to be made outside the parametric boundaries defined within the standard specifications already accredited and detailed within this Schedule of Accreditation.

Information about flexible scopes of accreditation is available in UKAS document GEN 4 and EA document EA-2/05.



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>METALS, ALLOYS and METAL PRODUCTS</p>	<p><u>Mechanical Tests</u></p> <p>Bend</p> <p>Hardness:</p> <p>Brinell (HB 10/3000)</p> <p>Rockwell (B and C scales)</p> <p>Vickers (HV5, 10)</p> <p>Tensile at ambient temperature (Forces up to 600 kN)</p> <p>Impact testing:</p> <p>Charpy (-196°C and -123°C to Ambient Temperature)</p> <p>Lateral expansion and % Shear</p>	<p>BS EN ISO 7438</p> <p>BS EN ISO 6506-1 ASTM E10</p> <p>BS EN ISO 6508-1 ASTM E18</p> <p>BS EN ISO 6507-1 ASTM E92</p> <p>BS EN ISO 6892-1 ASTM E8/E8 ASTM A370 ASTM B557</p> <p>BS EN ISO 148-1 ASTM E23 ASTM A923 Method B</p> <p>BS EN ISO 148-1 ASTM E23</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>		
	Macrostructure and Microstructure Assessment	ASAMS OP No 07	
	Ferrite content	ASTM E562 OP27 using Feritscope	
	Graphite content by Comparison	ASTM A247	
	Average Grain size	ASTM E112	
	Austenite Spacing	DNVGL-RP-F112 A.6	
	Coating thickness	ASTM B487	
	Duplex Stainless Steel	Detrimental Intermetallic Phases	ASTM A923 Method A
	WELDMENTS	<u>Mechanical and Metallurgical Tests</u>	
		Tests designated in specified welding codes as detailed below:	BS EN ISO 9606-1 BS EN ISO 9606-2 BS EN ISO 15614-1 BS EN ISO 15614-2 BS EN ISO 15614-6 BS EN ISO 15614-7 BS EN ISO 15614-8 BS EN ISO 9016 BS EN ISO 5178 BS EN ISO 4136 BS EN ISO 5173 BS EN ISO 9015-1 BS EN ISO 9017 BS EN ISO 17639 BS 4515:Part 1 BS 4515:Part 2 BS 4871:Part 3 BS 4872:Part 1 BS 4872:Part 2 ANSI/AWS D1.1 ASME IX ASAMS OP No 07 ASAMS OP No 09 BS EN ISO 5817



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
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 BS 8548
	Weld shear	BS EN ISO 15630-2 BS 8548
	Bend	BS 8548
	<u>Metallurgical tests</u>	
	Macro examination	BS 8548
	<u>Corrosion Tests</u>	
STAINLESS STEELS	Pitting and crevice corrosion resistance	ASTM G48 ASTM A923 Method C
AUSTENITIC STAINLESS STEELS	Susceptibility to intergranular attack	ASTM A262 (Practice A and E)
END		