

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 9230 Accredited to ISO/IEC 17025:2017	British Engineering Services Limited	
	Issue No: 010 Issue date: 21 May 2021	
	Unit 718 Eddington Way Birchwood Park Warrington WA3 6BA	Contact: Mr M Ormrod Tel: +44 (0)161 831 7000 Fax: +44 (0)161 831 7001 E-Mail: mark.ormrod@briteng.co.uk Website: www.britishengineeringservices.co.uk
Testing performed by the Organisation at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address 1/3 West Ashton Street Stowell Technical Park Salford Manchester M50 2XS Local contact Mark Ormrod Tel: +44 (0)161 834 2718 E-Mail: mark.ormrod@briteng.co.uk	Metals & Weldments - Mechanical tests Metals & Weldments - Metallurgical tests Metals & Weldments - NDT tests	A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Any suitable customer premises Local contact Mark Ormrod Tel: +44 (0)161 831 7000 Fax: +44 (0)161 831 7001 E-Mail: mark.ormrod@briteng.co.uk	Metals & Weldments - NDT tests	B



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
LIGHT and DENSE METALS and ALLOYS including castings, forgings and weldments	<u>Non-Destructive Testing</u> Liquid Penetrant Method using fluorescent and colour contrast inks (Manual application)	BS EN ISO 3452-1:2013 ASME V:2007 ASTM E165-02 Documented In-House Method 02-111-I048	A
	Ultrasonic Flaw Detection Manual contact method	BS 3923-1:1986 (Withdrawn) BS 4124:1991 (Withdrawn) BS 5996 :1993 (Withdrawn) BS EN 12680-1:2003 BS EN 12680-2:2003 BS EN ISO 17640:2018 BS EN 10160:1999 BS EN 10228-3:1998 ASME V: 2007 ASTM A577/A577M-90(2001) ASTM E164-03 Documented In-House Methods 02-111-I046, 02-111-I049, 02-111-I050, 02-111-I051, 02-111-I052, 02-111-II053, 02-111-I067, 02-111-I068', 02-111-I069	A
FERROMAGNETIC METALS	Magnetic Particle Method using portable equipment and yokes	BS 5138:1974(2000) BS 6072:1981(1986) (Withdrawn) BS EN ISO 17638:2016 BS EN ISO 9934-1:2001 ASME V:2007 ASTM E709-01 Documented In-House Method 02-111-I047	A



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FERROMAGNETIC METALS (cont'd) LIGHT and DENSE METALS and ALLOYS including castings and weldments	<u>Non-Destructive Testing (cont'd)</u> Radiography: 30 keV to 320 keV Gamma Ray Co 60 up to 925 GBq(25 Ci) Ir 192 up to 2.96 TBq(80 Ci) Yb 160 up to 259 GBq(7 Ci)	BS 2600-1 :1983 (Withdrawn) BS 2600-1 :1973 (Withdrawn) BS 2910 :1986 (Withdrawn) BS 7257 :1989 (Withdrawn) BS EN ISO 5579:2013 BS EN ISO 17636-1:2013 ISO 1106-1:1984 (Withdrawn) ISO 1106-2:1985 (Withdrawn) ASME V: 2007 ASTM E94-04 ASTM E1032-06	A
	Magnetic Particle Method using portable equipment and yokes	BS 5138:1974(2000) BS 6072:1981(1986) (Withdrawn) BS EN ISO 17638:2016 BS EN ISO 9934-1:2001 ASME V:2007 ASTM E709-01 Documented In-House Methods 02-111-I044, 02-111-I045, 02-111-I047, 02-111-I057	B
	Ultrasonic Flaw Detection Manual contact method	BS 4124:1991 (Withdrawn) BS 5996 :1993 (Withdrawn) BS EN 12680-1:2003 BS EN 12680-2:2003 BS EN ISO 17640:2018 BS EN 10160:1999 BS EN 10228-3:1998 ASME V: 2007 ASTM A577/A577M-90(2001) ASTM E164-03 Documented In-House Methods 02-111-I044, 02-111-I045, 02-111-I046, 02-111-I049, 02-111-I050, 02-111-I051, 02-111-I052, 02-111-II053, 02-111-I057, 02-111-II058, 02-111-I059, 02-111-II065, 02-111-I067, 02-111-I068, 02-111-I069, 02-111-I083	B



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METALS and ALLOYS WELDMENTS	<p><u>Mechanical, Metallurgical and Non-Destructive Tests</u></p> <p>Tests designated in specified welding codes - as detailed below:-</p> <p>Bend, Fracture, Hardness, Impact, macro examinations, Tensile, Visual examination, Liquid penetrant, Magnetic particle, Radiographic and Ultrasonic examination</p>	<p>BS EN 287-1:2011 (withdrawn) BS EN 287-2:1992(Withdrawn) BS EN 288-3:1992 (Withdrawn) BS EN 288-4:1992 (Withdrawn) BS EN ISO 9606-1:2017 BS EN ISO 9606-2 :2004 BS EN ISO 9606-3 :1999 BS EN ISO 9606-4 :1999 BS EN ISO 9606-5 :2000 BS EN ISO 15614-1:2017 BS EN ISO 15614-2 :2005 BS EN ISO 15614-5 :2004 BS EN ISO 15614-6 :2006 BS EN ISO 15614-8 :2016 BS EN ISO 15614-13:2012 BS EN ISO 4136:2012 BS EN ISO 5173:2010 + A1:2011 BS EN ISO 9015-1:2011 BS EN ISO 9016:2012 BS EN ISO 17637:2016 BS EN ISO 9017:2018 BS EN ISO 17639:2013 BS 1113:1999 (withdrawn) BS 1821:1982 (Withdrawn) BS 2633:1987 BS 2654:1989 (Withdrawn) BS 2790:1992 BS 2971:1991 BS 4677:1984 BS 4870-3:1985 (Withdrawn) BS 4871-3:1985 (withdrawn) BS 4872-1:1982 BS 4872-2:1976 BS 5289:1976 (Withdrawn) PD 5500:2018 ASME IX:2019 ANSI/NACE MR0175/ISO 15156-2:2015</p>	A



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METALS and ALLOYS (cont'd)	<u>Mechanical Tests</u> Bend testing Hardness: Vickers (HV10) Impact: Charpy V-notch Temperature range ambient, -70°C and -196°C Tensile (Ambient) Force up to 600 kN	BS EN ISO 7438:2016 BS EN ISO 6507-1:2018 BS EN ISO 148-1:2016 ASTM E23-18 BS EN ISO 6892-1:2016	A A A A
END			