


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 4337 Accredited to ISO/IEC 17025:2017	Speciality Steel UK Ltd Issue No: 027 Issue date: 22 April 2026	
	Speciality Steels Limited 7 Fox Valley Way Stocksbridge Sheffield South Yorkshire S36 2JA	Contact: Matthew Grice Tel: +44 (0) 114 283 2674 E-Mail: matthew.grice@specialityuk.com

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
Location Address Speciality Steel UK Ltd Stocksbridge Laboratory Stocksbridge Sheffield South Yorkshire S36 2JA	Local contact Mr Matthew Grice Tel: +44 (0) 114 283 2674 Email: matthew.grice@specialityuk.com	Metals & Weldments - Corrosion tests Metals & Weldments - Mechanical tests Metals & Weldments - Metallurgical tests Metals & Weldments – NDT Tests
Location Address Speciality Steel UK Ltd Rotherham Laboratory Aldwarke Lane Rotherham South Yorkshire S65 3E5	Local contact Mr W Furness Tel: +44 (0) 1709 826989 Email: warwick.furness@specialityuk.com	Metals & Weldments - Chemical tests Metals & Weldments - Mechanical tests Metals & Weldments - Metallurgical tests



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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
METALS, ALLOYS and METAL PRODUCTS Carbon and Low Alloy Steels, Stainless Steels, and Iron.	Elemental analysis Al, As, B, C, Ca, Ce, Co, Cr, Cu, Mn, Mo, N, Nb, Ni, P, Pb, S, Sb, Si, Sn, Ta, Ti, V, W, Zr	Documented In-House Method using Optical Emission Spectrometry LAB.CHEM.OES Analysis .010	B
	Elemental analysis Ag, Cd, Mg, Pb, Zn, Te	Documented In-House Method using Atomic Absorption Spectrometry (Flame technique) LAB.CHEM.AAS.010 AAS flame operation	B
	Elemental analysis Bi, Sb	Documented In-House Method using Atomic Absorption Spectrometry (Hydride generation technique) LAB.CHEM.AASHydride.010 AAS VP 100 hydride operation	B
	Carbon, and sulphur content	Documented In-House Method using combustion techniques LAB.CHEM.C-S Analysis.010	B
	Nitrogen content	Documented In-House Method using inert gas fusion techniques LAB.CHEM.N/O.ON736.010	B
	Oxygen content	Documented In-House Method using inert gas fusion techniques LAB.CHEM.N/O.ON736.010	B
	Hydrogen content	Documented In-House Method using hot extraction techniques LAB.CHEM.Eltra_H500.010	B
	METALS, ALLOYS and METAL PRODUCTS	<u>Corrosion Tests</u> Susceptibility to Intergranular corrosion	ASTM A262-15(2021) Practice E BS EN ISO 3651-2:1998



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METALS, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests</u>		
	Hardness:		
	Brinell (HBW 10/3000)	BS EN ISO 6506-1:2014 ASTM E10-23 RRMS 30038 Rev B	A
	Brinell (HBW 10/3000 & 5/750)	BS EN ISO 6506-1:2014 ASTM E10-23	B
	Rockwell (Scale C)	BS EN ISO 6508-1:2023 ASTM E18-25 RRMS 30038 Rev B	A
	Rockwell (Scale B & C)	BS EN ISO 6508-1:2023 ASTM E18-25	B
	Vickers (HV10 & 30)	ISO 6507-1:5 th Ed RRMS 30038 Rev B	A
	Vickers (HV10 & 30)	ISO 6507-1:5 th Ed	B
	Vickers Micro-hardness (HV0.5)	ASTM E384-22	A
	Knoop Micro-hardness (HK0.2)	ASTM E384-22	A
	Hardenability	ISO 642 3 rd Edition 2024-08 ASTM A255-2020a	A
	Impact:		
	Charpy (U- and V-notch) (Temperatures from -101°C to ambient temperature)	ISO 148-1 3rd Ed ASTM A370-24a ASTM E23- 25	A & B
	Izod	BS 131:Part 1:1961 (2015)	A & B
Lateral expansion, percent shear fracture and crystallinity	BS 131:Part 5:1965 (2015) BS 131:Part 6:1998 (2015) ASTM E23-25	A & B	



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METALS, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests (Cont'd)</u>		
	Tensile (Ambient temperature) (Forces from 2.5 kN to 1000 kN)	ISO 6892-1:2019 ASTM A370-24a ASTM E8/E8M-25 BS 4A 4: Pt1 Sect 1 1966 BS EN 2002-1:2005 RRMS 30020 Rev E	A
	Tensile (Ambient temperature) (Forces from 0.5 kN to 600 kN)	ISO 6892-1:2019 ASTM A370-24a ASTM E8/E8M-25 BS 4A 4: Pt1 Sect 1 1966 BS EN 2002-1:2005	B
METALS, ALLOYS and METAL PRODUCTS	<u>Metallurgical Tests</u>		
	Decarburisation	ISO 3887 4th Edition 2023-09 ASTM E1077-14(2021)	A & B
	Inclusion content	ASTM E45- 25 (Methods A C D & E) RRMS 30015 Rev C ISO 4967:2013 3 rd Edition DIN 50 602 1985 (Withdrawn)	A
	Inclusion content	ASTM E45- 25 (Methods A C D & E) ISO 4967:2013 3 rd Edition DIN 50 602 1985 (Withdrawn)	B
	Determination of carbide structures	SEP 1520 3 RD Edition: 1998 (Comparison Method)	A & B
	Grain size	ASTM E112- 25 (Comparison Method) ISO 643: 5th Edition 2024-08	A & B
	Macro etch for grain flow/size and segregation	ASTM E381-22 ASTM A604/A604M-07(2022)	A
	Phase Volume Fraction by point count	AMS 2315 Rev J ASTM E562-19e1	A



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BARSTOCK	<u>Non Destructive Tests</u> Magnetic particle inspection using fluorescent wet continuous method, restricted to current flow (circular magnetising) method	ASTM E1444/E1444M-25	A
END			