

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 20923 Accredited to ISO/IEC 17025:2017	British Steel Ltd	
	Issue No: 007 Issue date: 31 March 2025	
	PO Box 1 Brigg Road Scunthorpe North Lincolnshire DN16 1BP	Contact: Ms Katy Baker Tel: +44 (0)1724 402504 Fax: +44 (0)1724 402941 E-Mail: katy.baker@britishsteel.co.uk Website: www.britishsteel.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
Location Address Testing Solutions Central Laboratories Brigg Road Scunthorpe North Lincolnshire DN16 1BP	Local contact Ms Katy Baker Tel: +44 (0)1724 402504 Fax: +44 (0) 1724 402941 Email: katy.baker@britishsteel.co.uk	Metals & Weldments - Chemical tests Metals & Weldments - Mechanical tests Water & Leachates - Metals	A
Location Address Testing Solutions Lackenby Test House Redcar Teesside TS6 7RP	Local contact Mr N Dodds Tel: +44 (0) 1642 406268 Fax: +44 (0) 1642 406904 Email: nick.dodds@britishsteel.co.uk	Metals & Weldments - Mechanical tests	B



20923
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

British Steel Ltd

Issue No: 007 **Issue date:** 31 March 2025

Testing performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
FERROUS METALS and ALLOYS Carbon and Low Alloy Steels, and Iron	<u>Chemical Tests</u>		
	Elemental analysis Cr, Mo, Ni, Co, Cu, Pb, Sn, Sol Al, V, Si, Mn, P	Documented In-House Methods using Inductively Coupled Plasma Emission Spectrometry IWOD-96DH26	A
	Elemental analysis C, Si, Mn, P, S, Cr, Mo, Ni, Al, B, Co, Cu, Nb, Sn, Ti, V, Ca, N, As	Documented In-House Methods using Optical Emission Spectrometry	A
	Carbon	Documented In-House Methods using Optical Emission Spectrometry - Cabin	A
	Carbon, and sulphur content	Documented In-House Methods using combustion techniques	A
	Nitrogen content	Documented In-House Methods using inert gas fusion techniques	A
REFRACTORIES, AGGREGATES and CONSTRUCTION MATERIALS, FLUE DUSTS, IRON ORES AND SLAGS	Elemental analysis Fe, CaO, SiO ₂ , MnO, Al ₂ O ₃ , MgO, P ₂ O ₅ , K ₂ O, TiO ₂ , Na ₂ O, Cr ₂ O ₃ , ZrO ₂ , Zn, Pb, V ₂ O ₅ , Ni, Cu	Documented In-House Methods using X-ray fluorescence techniques	A
	Determination of total carbon up to 100%	Documented In-House Method using combustion techniques	A
	Determination of Total Iron in Iron Ores	Documented In-House Method BS ISO 2597	A



20923
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

British Steel Ltd

Issue No: 007 Issue date: 31 March 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
WATERS AND LEACHATES	<u>Chemical Tests</u> (cont'd)		
	Elemental analysis Ca, Cu, Cd, Pb, Cr, Mn, Mg, Mo, Ni, Na, K, P, Zn, Fe	Documented In-House Methods using Inductive Coupled Plasma Emission Spectrometry	A
	Ammonia	Documented In-House Method DIHM HSUD-8LXCR8 using Automated photometric system (Gallery)	A
	Biochemical Oxygen Demand	Documented In-House Method CSMN-69043N-using Oxygen Probe	A
	Chemical Oxygen Demand in Wastewaters & Trade Effluents	Documented In-House Method CMAS-CEWH7P	A
	Electrical conductivity in trade effluent, surface water, process water & land leachate	Documented In-House Method W6 using conductivity meter	A
	Total Hardness in trade effluent, surface water, process water & land leachate	Documented In-House Method W8 using titrimetric techniques	A
	pH in trade effluent, surface water, process water & land leachate	Documented In-House Method CYOS-6X4KDB using pH meter	A
METALS, ALLOYS and METAL PRODUCTS	Suspended solids	Documented In-House Method W11 using gravimetric techniques	A
	<u>Mechanical Tests</u>		
	Fracture toughness: CTOD (Temperatures from -20°C to ambient)	BS 7448:Part 1:1991 (Withdrawn) ISO 12135:2021	B
	Hardness: Brinell (HBW 10/3000)	BS EN ISO 6506-1:2014 ASTM E10-23	A & B



20923
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

British Steel Ltd

Issue No: 007 **Issue date:** 31 March 2025

Testing performed by the Organisation at the locations specified

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
METALS, ALLOYS and METAL PRODUCTS (cont'd)	<u>Mechanical Tests</u> (cont'd)		
	Impact:		
	Charpy (U- and V-notch) (Temperatures from -40°C to ambient)	BS EN ISO 148-1:2016	A
	Charpy (U- and V-notch) (Temperatures from -80°C to ambient)	BS EN ISO 148-1:2016 ASTM A370-24 ASTM E23- 24	B
	Lateral expansion, percent shear and crystallinity	BS EN ISO 148-1:2016 BS 131:Part 5:1965 ASTM E23- 24	B
	Tensile (Ambient temperature) (Forces from 2.5 kN to 1000 kN)	ASTM E8/E8M- 24 BS EN ISO 6892-1:2019	A
Weldments	Tensile (Ambient temperature) (Forces from 2.5 kN to 1000 kN)	ASTM A370-24 ASTM E8/E8M- 24 BS EN ISO 6892-1:2019	B
	Tensile (Elevated Temperature up to 300°C)	ASTM E21-20 BS EN ISO 6892-2:2018	B
	Tests in accordance with specified welding codes:		
	Bend	ASME IX: 2023	B
	CTOD (Temperatures from -20°C to ambient)	BS EN ISO 15653:2018	B
END			