


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0742 Accredited to ISO/IEC 17025:2017	Howco Group PLC	
	Issue No: 044 Issue date: 12 November 2024	
	Fountain House 1-3 Woodside Crescent Glasgow Scotland G3 7UL	Contact: John Atkinson Tel: +44(0)114 2543379 E-Mail: john.atkinson@howcogroup.com Website: www.howcogroup.com
Testing performed by the Organisation at the location specified		

Locations covered by the organisation and their relevant activities

DETAIL OF ACCREDITATION

Howco Group PLC, UKAS reference 0742, is accredited for a flexible scope that enables them to conduct accredited testing through the update of currently accredited test methods to the latest versions of those test methods, for the activities detailed below, in accordance with their documented in-house procedure IP-118 : – Management of Flexible Scope of Accreditation

Laboratory locations:

Location details	Activity
Carbrook Street Sheffield South Yorkshire S9 2JN Contact : John Atkinson Tel : +44 (0)114-2444242 Fax : +44 (0)114-2434738 E-Mail : John.Atkinson@howcogroup.com Website: www.howcogroup.com	Corrosion, Mechanical & Metallurgical testing



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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	<u>Corrosion Tests</u>	
Stainless steels	Resistance to pitting corrosion	ASTM G48 - Method A
Wrought, Nickel rich, Chrome bearing alloys.	Susceptibility to intergranular corrosion	ASTM G28 - Method A
	<u>Mechanical Tests</u>	
Steel, Stainless steel and Ni alloy	Impact: Izod	BS 131 Part 1
	Charpy (U and V-notch) (Temperatures -196°C and -145°C to ambient)	BS EN ISO 148-1 ASTM E23 ASTM A370
	Lateral expansion and percent shear	BS EN ISO 148-1 ASTM E23
	Tensile (Forces up to 250 kN)	BS EN ISO 6892-1 Method B ASTM A370 ASTM E8/E8M
	Hardness Rockwell (B and C Scales)	ASTM E18
	Brinell (HBW 10/3000)	BS EN ISO 6506-1 ASTM E10
	<u>Metallurgical Tests</u>	
	Grain size	ASTM E112 (comparative method) ASTM E1181 API 6ACRA §4.4.2.2
	Inclusion content	ASTM E45 Methods A & D
	Macro assessment	ASTM A604/A604M ASTM E381 API 6ACRA §4.2.1.2



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METALS, ALLOYS and METAL PRODUCTS (cont'd) Steel, Stainless steel and Ni alloy	<u>Metallurgical Tests</u> (cont'd) Metallographic Examination of Deleterious Phases Volume fraction	API 6ACRA §4.2.2.3 ASTM E562
END		