


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: 041 Issue date: 15 February 2022	
	Fountain House 1-3 Woodside Crescent Glasgow Scotland G3 7UL	Contact: Poppy Gilbert Tel: +44 (0)1236-852219 E-Mail: poppy.gilbert@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: Jon 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



0742

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

Howco Group PLC

Issue No: 041 Issue date: 15 February 2022

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
<p>METALS, ALLOYS and METAL PRODUCTS</p> <p>Stainless steels</p> <p>Steel, Stainless steel and Ni alloy</p>	<p><u>Corrosion Tests</u></p> <p>Resistance to pitting corrosion</p> <p>Intergranular attack</p> <p><u>Mechanical Tests</u></p> <p>Impact: Izod</p> <p>Charpy (U and V-notch) (Temperatures -196°C and -145°C to ambient)</p> <p>Lateral expansion and percent shear</p> <p>Tensile (Forces up to 250 kN)</p> <p>Hardness Rockwell (B and C Scales)</p> <p>Brinell (HBW 10/3000)</p> <p><u>Metallurgical Tests</u></p> <p>Grain size</p> <p>Inclusion content</p> <p>Macro assessment</p>	<p>ASTM G48 - Method A</p> <p>ASTM G28 - Method A</p> <p>BS 131 Part 1</p> <p>BS EN ISO 148-1 ASTM E23 ASTM A370</p> <p>BS EN ISO 148-1 ASTM E23</p> <p>BS EN ISO 6892-1 Method B ASTM A370 ASTM E8/E8M</p> <p>ASTM E18</p> <p>BS EN ISO 6506-1 ASTM E10</p> <p>BS EN ISO 643 ASTM E112 (comparative method) ASTM E1181 API 6A718 §4.2.2.2 API 6ACRA §4.4.2.2</p> <p>ASTM E45 Methods A & D</p> <p>ASTM A604/A604M ASTM E381 API 6A718 §4.2.1.2 API 6ACRA §4.2.1.2</p>



0742

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

Howco Group PLC
Issue No: 041 Issue date: 15 February 2022

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
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 6A718 §4.2.2.3 API 6ACRA §4.2.2.3 ASTM E562
END		