


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Howco Metals Management</h3> <p>Issue No: 027 Issue date: 15 December 2017</p>	
	<p>3 Blairlinn Road Blairlinn Industrial Estate Cumbernauld Glasgow Scotland G67 2TF</p>	<p>Contact: Mr T Mair Tel: +44 (0)1236-454111 Fax: +44 (0)1236-454222 E-Mail: Tony.Mair@howcogroup.com Website: www.howcogroup.com</p>
<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

Howco Metals Management, UKAS reference 1593, 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 quality management system.

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	Pitting and crevice attack	ASTM G48 Methods A and B Shell Engineering Document ES/247 Rev 2002 Shell Engineering Document DEP 30.10.03.35 EPE – June 2008 (Section 6 only)
	Intergranular attack	ASTM A262 Practice A and E ASTM G28 Method A
	<u>Mechanical Tests</u>	
	Hardness:	
	Rockwell (B and C scales)	ASTM A370 ASTM E18
	Vickers	ASTM E92 BS EN ISO 6507-1
	Impact:	
	Charpy (V notch) (Temperature range -196°C to ambient)	BS EN ISO 148-1 ASTM A370 ASTM E23
	Crystallinity	BS 131-5
	Lateral expansion and percent shear	BS EN ISO 148-1 ASTM E23

