


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Howco Group</h3>	
	<p>Issue No: 027 Issue date: 19 September 2011</p>	
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<p>Testing performed at the above address only</p>		

DETAIL OF ACCREDITATION

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 and crevice corrosion	ASTM G48-03 (09) Method A
	<u>Mechanical Tests</u>	
Steels, Stainless steels and Ni alloys	Impact: Izod	BS 131 Part 1:1961(1996)
	Charpy (U and V-notch) (Temperatures range 193K to ambient)	BS EN 10045-1:1990 ASTM E23-07a ^{e1} ASTM A370-09a
	Tensile (Forces up to 250 kN)	BS EN 10002-1:2001 (Withdrawn) BS EN ISO 6892-1:2009 -Method B ASTM A370-09a ASTM E8/E8M-08
	Hardness Rockwell (HRC)	ASTM E18-08b
	<u>Metallurgical Tests</u>	
Steels, Stainless steels and Ni alloys	Grain size	BS EN ISO 643:2003 ASTM E112-96(2004) ^{e2} (comparative method)
	Inclusion content	ASTM E45-05 ^{e3} Methods A & D
	Macro etch	ASTM E381-01(2006)



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METALS, ALLOYS and METAL PRODUCTS (cont'd) Steels, stainless steels and Ni alloys	<u>Metallurgical Tests</u> (cont'd) Macro assessment Micro assessment (Inconel 718) Volume fraction	 ASTM A604-07 API 6A718 (1 st Edition) ASTM E562-08
END		