

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>0086 Accredited to ISO/IEC 17025:2017</p>	Firth Rixson Metals Ltd	
	Issue No: 038 Issue date: 09 February 2021	
	Shepley Street Glossop Derbyshire SK13 7SA	Contact: Ben Sharp Tel: +44 (0)114 219 3927 E-Mail: Ben.sharp@howmet.com Website: www.howmet.com/firthrixson/
Testing performed at the above address only		

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS AND ALLOYS: FERROUS and NON-FERROUS Nickel, iron and cobalt based alloys (cont'd)	<u>Chemical Tests</u>	
	Aluminium Cerium Cobalt Copper Chromium Hafnium Iron Manganese Molybdenum Nickel Niobium Phosphorus Platinum Rhenium Silicon Tantalum	Documented In-House Method JI 209 (X-ray fluorescence spectrometry - wavelength dispersive)
	Titanium Tungsten Vanadium Yttrium Zirconium	
	Carbon and Sulphur	Documented In-House Methods TM135 and JI-230 (combustion/infra-red absorption)
	Oxygen and Nitrogen	Documented In-House Method JI 142 and JI 367 (combustion/thermal conductivity/infra-red absorption)



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS AND ALLOYS: FERROUS and NON-FERROUS Nickel, iron and cobalt based alloys (cont'd)	<u>Chemical Tests (Cont'd)</u> Silicon Manganese Phosphorus Sulphur Molybdenum Silver Arsenic Gold Boron Bismuth Calcium Cadmium Cerium Copper Gallium Germanium Mercury Indium Potassium Lanthanum Magnesium Sodium Lead Antimony Selenium Tin Tantalum Tellurium Thorium Titanium Thallium Uranium Vanadium Zinc Zirconium	Documented In-House Method JI-140 (Glow Discharge Mass Spectrometry)



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Nickel, iron and cobalt based superalloys Titanium alloys	<u>Mechanical Tests</u> Hardness testing Rockwell hardness HRC	 BS EN ISO 6508-1:2016 ASTM E18-18a
END		