

# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p>Accredited to <b>ISO/IEC 17025:2005</b></p>	<b>Timet UK Ltd</b>  <b>Issue No: 039    Issue date: 10 August 2017</b>	
	<b>PO Box 704</b> <b>Witton</b> <b>Birmingham</b> <b>West Midlands</b> <b>B6 7UR</b>	<b>Contact: Ms Helen Turner</b> <b>Tel: +44 (0)121 332 5312</b> <b>Fax: +44 (0)121-356 2683</b> <b>E-Mail: Helen.turner@timet.com</b> <b>Website: www.timet.com</b>
<b>Testing performed by the Organisation at the locations specified below</b>		

### Locations covered by the organisation and their relevant activities

#### Laboratory locations:

Location details	Activity	Location code
<p><b>Location Address</b>                      Timet UK Ltd                      No. 1 Plant                      Holford Drive                      Birmingham                      West Midlands                      B42 2TU</p> <p><b>Local contact</b>                      Miss H Turner                       Tel: +44 (0)121 332 5312                      Fax: +44 (0)121 356 2683                      Email: Helen.turner@timet.com                      Website : www.timet.com</p>	Metals, Alloys and Metal Products - Mechanical tests Metals, Alloys and Metal Products – Chemical tests	No.1 Plant
<p><b>Location Address</b>                      Timet UK Ltd                      No. 3 Plant                      off Holford Drive                      Birmingham                      West Midlands                      B6 7AX</p> <p><b>Local contact</b>                      Miss H Turner                       Tel: +44 (0)121 332 5312                      Fax: +44 (0)121 356 2683                      Email: Helen.turner@timet.com                      Website : www.timet.com</p>	Metals, Alloys and Metal Products – Metallurgical Tests	No.3 Plant



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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
METALS, ALLOYS and METAL PRODUCTS	<u>Mechanical Tests</u>		
	Tensile: Ambient temperature (Forces up to 500 kN)	BS EN 2002-1:2005 BS EN ISO 6892-1:2016 ASTM E8/E8M16a	No.1 Plant
	Tensile at Elevated temperatures up to 1000°C (Forces up to 100 kN)	BS EN 2002-2:2005 BS EN ISO 6892-2:2011 ASTM E21-09	No.1 Plant
	Creep	BS EN 2002-005:2007 BS EN ISO 204:2009 ASTM E139-11	No.1 Plant
	Stress rupture	BS EN 2002-005:2007 BS EN ISO 204:2009 ASTM E139-11 ASTM E292-09	No.1 Plant
	Low cycle fatigue under load control with complex waveforms at temperatures from ambient to 1000°C. (Forces up to 50 kN)	Documented In-House Method No 79 BS 3518:Part 3:1963 (1990) ASTM E466-15	No.1 Plant
	High cycle direct stress fatigue (Ambient temperature only)	BS 3518:Part 3:1963(1990) ASTM E466-07	No.1 Plant
	Fracture toughness $K_{1C}$ (Ambient temperature only)	BS EN ISO 12737:2010 (withdrawn) ASTM E399-12e3	No.1 Plant
	Impact: Charpy at ambient temperature	BS EN ISO 148-1:2016	No.1 Plant
	Hardness: Brinell 5mm ball/750 kg 10mm ball/3000kg	BS EN ISO 6506-1:2014	No.1 Plant
Vickers (HV 30)	BS EN ISO 6507-1:2005	No.1 Plant	



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TITANIUM and similar NON-FERROUS ALLOYS and PICKLING SOLUTIONS	<u>Chemical Tests</u>	Documented In-House Method OP/CA/22 using X-ray fluorescence techniques  Documented In-House Method and OP/CA/31 using ICP/AES techniques  Documented In-House Method OP/CA/19 using Gravimetric and Volumetric techniques	No.1 Plant
	Aluminium Boron Chromium Cobalt Copper Iron Manganese Molybdenum Nickel Niobium Palladium Silicon Tantalum Tin Titanium Tungsten Vanadium Yttrium Zinc Zirconium		
METALS and ALLOYS	<u>Chemical Tests</u>	Documented In-House Method SOP/CA/30 using Leco RH 600 equipment  Documented In-House Method OP/CA/25 using Inert Gas Fusion Techniques  Documented In-House Methods SOP/CA/01, SOP/CA/36 using CS200, CS230 equipment and Combustion/IR Measurement techniques	No.1 Plant  No.1 Plant  No.1 Plant
	Hydrogen		
	Nitrogen and Oxygen		
TITANIUM ALLOYS	<u>Metallurgical Tests</u>	ASTM E1245:03(2016)  Documented In-House Method OP/L/13	No.3 Plant  No.3 Plant
	Determination of beta transus and approach curve using automatic image analysis to determine the alpha content  Macrostructural examination		



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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
TITANIUM ALLOYS	<u>Metallurgical Tests</u> Microstructural examination	Documented In-House Method OP/L/15	No.3 Plant
END			