


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

 <p><b>0344</b></p> <p>Accredited to <b>ISO/IEC 17025: 2005</b></p>	<h3>AETC Ltd</h3>	
	<p><b>Issue No:</b> 021</p>	<p><b>Issue date:</b> 05 November 2009</p>
<p><b>Materials Technology Laboratory</b> Victoria Avenue Yeadon Leeds West Yorkshire LS19 7AW</p>	<p><b>Contact:</b> Mr David Armitage <b>Tel:</b> +44 (0)113-210 3257 <b>Fax:</b> +44 (0)113-210 3133 <b>E-Mail:</b> David_Armitage@aetc.co.uk <b>Website:</b></p>	
<p><b>Testing performed at the above address only</b></p>		

### 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 including NICKEL and COBALT BASED ALLOYS, TEMPERATURE RESISTANT STEELS, TITANIUM ALLOY FORGINGS and CASTINGS</p>	<p><u>Mechanical Tests</u></p>	
	<p>Tensile at ambient and elevated (temperatures in range 673 to 1223K) (Forces up to 250 kN)</p>	<p>BS EN 10002-1:2001 BS EN 10002-5:1992 BS 4A4:Part 1:Section Two:1967 ASTM E8/E8M-08 ASTM E21-05</p>
	<p>Creep and Stress Rupture (673 to 1373 K)</p>	<p>BS 4A4 Part 1:Section Three: 1967 BS EN 10291:2000 ASTM E139-06</p>
	<p>Rockwell Hardness (Scale C)</p>	<p>BS EN ISO 6508-1:1999 (Withdrawn)</p>
	<p>Comparative Hardness Vickers (HV 0.3)</p>	<p>Documented In-House Method SLP 023</p>
	<p><u>Chemical Tests</u></p>	
	<p>Semi-quantitative Elemental Analysis</p>	<p>Glow Discharge Spectrometry to Documented In-House Method SLP 046</p>
<p>Ceramic and Metallic Coatings</p>	<p><u>Metallurgical Tests</u></p>	
	<p>Coating thickness</p>	<p>Documented In-House Method SLP 04</p>
	<p>Quantitative Image Analysis, Porosity measurement, Determination of Microstructure</p>	<p>Quantimet Image Analysis and Optical Microscopy to Documented In-House Method SLP 045</p>



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**Issue No:** 021    **Issue date:** 05 November 2009

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METALS, ALLOYS and METAL PRODUCTS including NICKEL and COBALT BASED ALLOYS, TEMPERATURE RESISTANT STEELS, TITANIUM ALLOY FORGINGS and CASTINGS (cont'd)	<u>Metallurgical Tests</u>	
Weldments, (surfacing by welding)	Metallurgical examination	Documented In-House Methods SLP 901 to 914 (incl.)
END		