## **Schedule of Accreditation**

issued by

**United Kingdom Accreditation Service** 

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



## 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>Mechanical Tests</u> Tensile:	
	(Forces up to 100 kN) (Ambient temperature)	BS EN ISO 6892-1:2019 BS EN 2002-1:2005
	(Forces up to 100 kN) (Temperature range ambient to 900 °C)	BS EN ISO 6892-2:2018 BS EN 2002-2:2005
	Creep and Stress Rupture:	
	Creep (Temperature range ambient to 1150 °C) (not including constant stress)	BS EN ISO 204:2023 BS EN 2002-005:2007
	Stress rupture (Temperature range ambient to 1150 °C)	BS EN ISO 204:2023 BS EN 2002-005:2007
	Fatigue:	
	Low cycle, tensile/compressive and complex waveforms with Force control	BS EN 6072:2010
	(Temperature range ambient to 1150 °C) (Forces up to $\pm$ 250 kN)	



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## Swansea Materials Research and Testing Limited (SMaRT)

7772 Accredited to ISO/IEC 17025:2017

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Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	
METALS, ALLOYS and METAL PRODUCTS (cont'd)	<u>Mechanical Tests (cont'd)</u> Fatigue (cont'd): High cycle, tensile/compressive and complex waveforms with Force control (Ambient temperature to 900 °C) (Forces up to ± 100 kN)	BS EN 6072:2010	
	Low cycle, tensile/compressive and complex waveforms with Strain control	BS 7270:2006	
	(Ambient Temperature to 900 °C) (Forces up to $\pm$ 100 kN)		
	Fatigue Crack growth (Corner Crack by P.D. measurement)	BS ISO 12108:2018	
	(Temperature range ambient to 900 °C)		
END			