


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>7772</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Swansea Materials Research and Testing Limited (SMaRT)</p> <p>Issue No: 008 Issue date: 27 July 2021</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	<p><u>Mechanical Tests</u></p> <p>Tensile:</p> <p>(Forces up to 100 kN) (Ambient temperature)</p> <p>(Forces up to 100 kN) (Temperature range ambient to 900 °C)</p> <p>Creep and Stress Rupture:</p> <p>Creep (Temperature range ambient to 1150 °C) (not including constant stress)</p> <p>Stress rupture (Temperature range ambient to 1150 °C)</p> <p>Fatigue:</p> <p>Low cycle, tensile/compressive and complex waveforms with Force control</p> <p>(Temperature range ambient to 1150 °C) (Forces up to ± 250 kN)</p>	<p>BS EN ISO 6892-1:2019 BS EN 2002-1:2005</p> <p>BS EN ISO 6892-2:2018 BS EN 2002-2:2005</p> <p>BS EN ISO 204:2018 BS EN 2002-005:2007</p> <p>BS EN ISO 204:2018 BS EN 2002-005:2007</p> <p>BS EN 6072:2010</p>



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