


# Schedule of Accreditation

issued by

## United Kingdom Accreditation Service

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

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|  <p><b>UKAS</b><br/>TESTING</p> <p>7772</p> <p>Accredited to<br/>ISO/IEC 17025:2017</p> | <p><b>Swansea Materials Research and Testing Limited<br/>(SMaRT)</b></p> <p>Issue No: 011    Issue date: 24 November 2025</p>          |  |
|  | <p>Swansea University Bay Campus<br/>(ISM) Building<br/>Fabian Way, Crymlyn<br/>Burrows<br/>Swansea<br/>SA1 8EN<br/>United Kingdom</p> | <p>Contact: Dr Andrew Jones<br/>Tel: +44 (0) 1792 602273<br/>Fax: +44 (0) 1792 295693<br/>E-Mail: <a href="mailto:andrew.jones@swansea.ac.uk">andrew.jones@swansea.ac.uk</a><br/>Website: <a href="http://www.smart-swansea.com">www.smart-swansea.com</a></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   |
|-----------------------------------|---|--|
| METALS, ALLOYS and METAL PRODUCTS | <p><u>Mechanical Tests</u></p> <p>Tensile:</p> <p>(Forces up to 100 kN)<br/>(Ambient temperature)</p> <p>(Forces up to 100 kN)<br/>(Temperature range ambient to 900 °C)</p> <p>Creep and Stress Rupture:</p> <p>Creep<br/>(Temperature range ambient to 1150 °C)<br/>(not including constant stress)</p> <p>Stress rupture<br/>(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)<br/>(Forces up to ± 250 kN)</p> | <p>BS EN ISO 6892-1:2019<br/>BS EN 2002-1:2005</p> <p>BS EN ISO 6892-2:2018<br/>BS EN 2002-2:2005</p> <p>BS EN ISO 204:2023<br/>BS EN 2002-005:2007</p> <p>BS EN ISO 204:2023<br/>BS EN 2002-005:2007</p> <p>BS EN 6072:2010</p> |



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**Swansea Materials Research and Testing Limited (SMaRT)**  
Issue No: 011 Issue date: 24 November 2025

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) | <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)<br/>(Forces up to ± 100 kN)</p> <p>Low cycle, tensile/compressive and complex waveforms with Strain control</p> <p>(Ambient Temperature to 900 °C)<br/>(Forces up to ± 100 kN)</p> <p>Fatigue Crack growth<br/>(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> |
| END  |  |   |