

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



0422

Accredited to
ISO/IEC 17025:2017

Amentums Materials Testing and Research Laboratory part of Energy Safety and Risk Consultants (UK) Ltd

Issue No: 039 Issue date: 29 May 2026

Walton House
404 The Quadrant
Birchwood Park
Warrington
Cheshire
WA3 6GA

Contact: Mr Paul Harrison
Tel: +44 (0)7526504193
E-Mail: paul.harrison1@global.amentum.com
Website: www.amentum.com

Testing performed at the above address only

DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS & METAL PRODUCTS & COMPONENTS	<p><u>Mechanical Tests</u></p> <p>Fatigue tests:-</p> <p>Constant amplitude (low and high cycle) in the temperature range ambient to 650 °C with:-</p> <p>(a) Strain control (b) Force control (Forces up to ± 100 kN)</p> <p>Fracture toughness:-</p> <p>(Temperature from -196 °C to 600 °C)</p> <p>J_{IC} , d_{IC} (multiple specimen) J_R , d_R curves (multiple specimen)</p> <p>Reference temperature (T₀) determination</p> <p>CTOD</p> <p>J_{IC} , d_{IC} (single specimen) J_R , d_R curves (single specimen)</p>	<p>a) BS 7270:2006 b) BS 3518-3:1963 (Withdrawn)</p> <p>ASTM E1820-18ae1 (Withdrawn) ESIS P2-92 E1820-24 pages 3-23</p> <p>ASTM E1921-19b (Withdrawn) E1921-23 pages 23-35</p> <p>ASTM E1820-18ae1 (Withdrawn) E1820-24 pages 3-23</p> <p>ASTM E1820-18ae1(Withdrawn) ESIS P2-92 E1820-24 pages 3-23</p>



0422
Accredited to
ISO/IEC 17025:2017

Schedule of Accreditation
issued by
United Kingdom Accreditation Service
2 Pine Trees, Chertsey Lane, Staines-upon-Thames, TW18 3HR, UK

**Amentums Materials Testing and Research Laboratory part of
Energy Safety and Risk Consultants (UK) Ltd**

Issue No: 039 Issue date: 29 May 2026

Testing performed at main address only

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
<p>METALS, ALLOYS & METAL PRODUCTS & COMPONENTS (cont'd)</p>	<p><u>Mechanical Tests</u> (cont'd)</p> <p>Tensile tests in the temperature range -160 °C to 750 °C (Forces from 0.2 kN to 100 kN)</p> <p>Creep and Rupture in the temperature range from ambient to 1000 °C and ambient and non ambient atmospheres (Forces from 0.2 kN to 50 kN)</p> <p>Creep crack propagation in the temperature range from ambient to 750 °C (Forces from 0.2 kN to 50 kN)</p>	<p>BS EN ISO 6892-1:2016 (Withdrawn) BS EN ISO 6892-2:2018 BS EN ISO 6892-3:2015 Documented In-house Method LWI/SI/142 6892-1:2019 pages 36-39</p> <p>BS EN ISO 204:2023</p> <p>Documented In-house Method LWI/SI/302</p>
<p>END</p>		