


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>0422</p> <p>Accredited to ISO/IEC 17025:2017</p>	<p>Amentums Materials Testing and Research Laboratory part of Energy Safety and Risk Consultants (UK) Ltd</p> <p>Issue No: 038 Issue date: 24 July 2025</p>	
	<p>Walton House 404 The Quadrant Birchwood Park Warrington Cheshire WA3 6GA</p>	<p>Contact: Mr Andy Hurt Tel: +44 (0)7831 707923 E-Mail: Andy.Hurt@jacobs.com Website: www.jacobs.com</p>
<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 & 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>Tensile tests in the temperature range -160 °C to 750 °C (Forces from 0.2 kN to 100 kN)</p>	<p>a) BS 7270:2006 b) BS 3518-3:1963 (Withdrawn)</p> <p>ASTM E1820-18ae1 (Withdrawn) ESIS P2-92</p> <p>ASTM E1921-19b (Withdrawn)</p> <p>ASTM E1820-18ae1 (Withdrawn)</p> <p>ASTM E1820-18ae1(Withdrawn) ESIS P2-92</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BS EN ISO 6892-1:2016 (Withdrawn) BS EN ISO 6892-2:2018 BS EN ISO 6892-3:2015 Documented In-house Method LWI/SI/142</p>



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**Amentums Materials Testing and Research Laboratory part of
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Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS & METAL PRODUCTS & COMPONENTS (cont'd)	<u>Mechanical Tests</u> (cont'd) Proof loads (Forces 0.2 kN to 1000 kN) 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) Creep crack propagation in the temperature range from ambient to 750 °C (Forces from 0.2 kN to 50 kN)	Documented In-house Method LWI/SI/195 BS EN ISO 204:2018 Documented In-house Method LWI/SI/302
END		