## **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 & METAL PRODUCTS & COMPONENTS	Mechanical Tests	
	Fatigue tests:-	
	Constant amplitude (low and high cycle) in the temperature range ambient to 650 °C with:-	
	<ul> <li>(a) Strain control</li> <li>(b) Force control</li> <li>(Forces up to ± 100 kN)</li> </ul>	a) BS 7270:2006 b) BS 3518-3:1963 (Withdrawn)
	Fracture toughness:-	
	(Temperature from -196 °C to 600 °C)	
	J <sub>IC</sub> , δ <sub>IC</sub> (multiple specimen) J <sub>R</sub> , δ <sub>R</sub> curves (multiple specimen)	ASTM E1820-18ae1 (Withdrawn) ESIS P2-92
	Reference temperature (T <sub>o</sub> ) determination	ASTM E1921-19b (Withdrawn)
	СТОД	ASTM E1820-18ae1 (Withdrawn)
	J <sub>IC</sub> , δ <sub>IC</sub> (single specimen) J <sub>R</sub> , δ <sub>R</sub> curves (single specimen	ASTM E1820-18ae1(Withdrawn) ESIS P2-92
	Tensile tests in the temperature range -160 °C to 750 °C (Forces from 0.2 kN to 100 kN)	BS EN ISO 6892-1:2016 (Withdrawn) BS EN ISO 6892-2:2018 BS EN ISO 6892-3:2015 Documented In-house Method LWI/SI/142



## Schedule of Accreditation issued by

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

Isoche Materiale Testing and Besearch Laboratory, part of

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

Accredited to ISO/IEC 17025:2017

Issue No: 037 Issue date: 30 June 2022

Testing performed at main address only

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)	Documented In-house Method LWI/SI/195
	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)	BS EN ISO 204:2018
	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/302
END		