Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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Accredited to ISO/IEC 17025:2017

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

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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	<u>Mechanical Tests</u> Fatigue tests:- Constant amplitude (low and high cycle) in the temperature range ambient to 650 °C with:- (a) Strain control (b) Force control (Forces up to ± 100 kN) Fracture toughness:- (Temperature from -196 °C to 600 °C) J_{IC} , d_{IC} (multiple specimen) J_R , d_R curves (multiple specimen) Reference temperature (T_o) determination CTOD J_{IC} , d_{IC} (single specimen) J_R , d_R curves (single specimen	 a) BS 7270:2006 b) BS 3518-3:1963 (Withdrawn) ESIS P2-92 ASTM E1820-24 (superseded) ASTM E1921-23 (superseded) ASTM E1820-24 (superseded) ESIS P2-92 ASTM E1820-24 (superseded)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS, ALLOYS & METAL PRODUCTS & COMPONENTS (cont'd)	Mechanical Tests (cont'd)	
	Tensile tests in the temperature range -160 °C to 750 °C (Forces from 0.2 kN to 100 kN)	BS EN ISO 6892-1:2019 BS EN ISO 6892-2:2018 BS EN ISO 6892-3:2015 Documented In-house Method LWI/SI/142
	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 204:2023
	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		