


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0088 Accredited to ISO/IEC 17025:2017	TWI Limited	
	Issue No: 048	Issue date: 30 September 2024
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Testing performed at the above address only		

DETAIL OF ACCREDITATION

TWI Limited is accredited for Flexible Scope enabling new versions of existing accredited standard test methods and technically equivalent standard test methods to be introduced in accordance with documented in-house procedure UKAS Quality Policy Guidelines UKAS ACCREDITED TESTS (Rev 5)

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used
METALS and ALLOYS either as PARENT METAL, FABRICATED STRUCTURES OR WELDMENTS	<u>Mechanical Tests</u> Fatigue crack growth measurement (Crack growth rates above 10^{-8} m/cycle) Pellini drop weight Fracture toughness (Temperature range -196 °C to 450 °C) Vickers hardness HV5, HV10 and HV30 Tensile (T = Ambient) (Forces 0.1 kN to 600 kN) Impact: Charpy V-notch (Temperature range - 196 °C and -180 °C to 350 °C)	BS ISO 12108 Documented In-House Method SI/FAT/P/2 ASTM E208 BS EN ISO 15653 BS ISO 12135 ASTM E1820 BS EN ISO 6507-1
	WELDMENTS Mechanical Tests: Impact, Tensile and Quasistatic Fracture Toughness	BS EN ISO 6892-1 ASTM E8/E8M ASTM A370 BS EN ISO 148-1 ASTM E23 BS EN ISO 9016 BS EN ISO 4136 BS EN ISO 5178 BS EN ISO 15653
END		