


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 Accredited to ISO/IEC 17025:2017	TWI Limited	
	Issue No: 042 Issue date: 19 September 2019	
	Research Laboratory Granta Park Great Abington Cambridge CB21 6AL	Contact: Balbir Sagoo Tel: +44 (0)1223 899000 Fax: +44 (0)1223 892588 E-Mail: balbir.sagoo@twi.co.uk Website: www.twi.co.uk
Testing performed by the Organisation at the locations specified		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
TWI Limited Research Laboratory Granta Park Great Abington Cambridge CB21 6AL	Balbir Sagoo Tel: +44 (0)1223 899000 Fax: +44 (0)1223 892588 E-Mail: balbir.sagoo@twi.co.uk	Metals & Weldments - Mechanical tests A
TWI Technology Centre (Wales) Harbourside Business Park Harbourside Road Port Talbot SA13 1SB	Mr P Wallace Tel: +44(0)1639 873100 Fax: +44(0) 1639 873143 E-Mail: philip.wallace@twi.co.uk	Digital Radiography (X-Ray) B



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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
XXXX

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location Code
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)	BS ISO 12108 Documented In-House Method SI/FAT/P/2	A
	Pellini drop weight	ASTM E208	A
	Fracture toughness (Temperature range -196°C to 450°C)	BS 7448-1 BS 7448-4 BS EN ISO 15653 ISO 12135 ISO 12135 ASTM E1820	A
	Vickers hardness HV5, HV10 and HV30	BS EN ISO 6507-1	A
LIGHT and DENSE METALS and ALLOYS including Castings, Forgings and Weldments and COMPOSITE MATERIALS	<u>Non-Destructive Tests</u>		
	Digital Radiography Technique: Digital Detector Array (DDA) X-Ray 50 kV to 450 kV	BS EN ISO 17636-2 RRP 58009 Rev C Documented In-house Method WP001	B
	Computed Tomography (CT) Technique: X-Ray 50kV to 450kV	RRP 58019 (First Issue) Documented In-house Method WP001	B
END			