

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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



9515

Accredited to
ISO/IEC 17025:2017

National Manufacturing Institute Scotland (NMIS) part of University of Strathclyde

Issue No: 005 Issue date: 06 July 2021

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Testing performed by the organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Location details	Technology Centre Activity	Location code
Location Address 85 Inchinnan Drive Inchinnan Renfrew PA4 9LJ	Advanced Forming Research Centre - AFRC Residual Surface Stress	AFRC
Local contact Idil Temizyurek Tel: +44 (0) 141 534 5615 E-Mail: idil.temizyurek@strath.ac.uk		
Location Address 85 Inchinnan Drive Inchinnan Renfrew PA4 9LJ	Digital Factory CMM Measurements	AFRC
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DETAIL OF ACCREDITATION

Materials/Products tested	Type of test/Properties measured/Range of measurement	Standard specifications/ Equipment/Techniques used	Location
Metallic Materials and Alloys / Formed and Forged Components, Machined Surfaces	<u>Residual Surface Stress</u> Residual Stress Measurements by X-Ray Diffraction (XRD)	NPL's Measurement Good Practice Guide No. 52 – Issue 2	AFRC
	Determination of Residual Stresses by the Hole-Drilling Strain-Gage Method	ASTM E837 - 13a	AFRC
Metallic Materials and Alloys / Formed and Forged Components, Machined Surfaces	<u>CMM Measurements</u> General dimensional measurements, made using a coordinate measuring machine, with best measurement capability of: Length, Diameter and Position 0 to 900 x 900 x 700 mm – 4.2 + (2.2 x length in m) µm Angle – 1.9 minutes of arc	Customer drawings and specifications. Laboratory procedures based on NPL Good Practice Guides 41 – Issue 2 and 43 – Issue 2	AFRC
END			