


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

21 - 47 High Street, Feltham, Middlesex, TW13 4UN, UK

 UKAS CALIBRATION 0773 Accredited to ISO/IEC 17025:2005	TRAC Measurement Systems Ltd	
	Issue No: 009 Issue date: 21 December 2011	
	Nedge Hill Science Park Telford Shropshire TF3 3AJ	Contact: Mr P Wood Tel: +44 (0)1952 210020 Fax: +44 (0)1952 676975 E-Mail: paul.wood@trac-group.com Website: www.trac-group.com
Calibration performed by the Organisations at the locations specified below		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
Address Nedge Hill Science Park Telford Shropshire TF3 3AJ	Local contact Mr P Wood	Dimensional A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
At customers premises	Mr P Wood	Dimensional B



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k=2$)	Remarks	Location Code	
RANGE IN MILLIMETRES AND UNCERTAINTY IN MICROMETRES UNLESS OTHERWISE STATED					
LENGTH			NOTES		
Plain plug gauges (parallel) cylindrical setting standards and rollers	1 to 3 diameter 3 to 100 100 to 150 150 to 300	0.50 1.0 on diameter 1.5 2.0	1. The uncertainty quoted is for the departure from flatness, straightness, or squareness, ie the distance separating the two parallel planes which just enclose the surface under consideration.	A	
Plain plug gauges, taper	0 to 100	2.5		A	
Plain gap gauges (parallel)	2 to 100 100 to 200 200 to 300	2.0 5.0 8.0		A	
Length gauges, flat and spherical ended	0 to 300	1.0 + (8.0 x length in m)		A	
Engineers parallels	BS 906:1972 5 to 50 x 100 x 400	1.5 to 5.0		A	
Vee blocks	BS 3731:1987 20 to 150	2.5 to 5.0		A	
Receiver and position gauges, jigs and fixtures	0 to 900 x 600 x 300	10.0		A	
Beverage can masters	0 to 200	5.0		A	
ANGLE					
Squares Blade type	BS 939:2007 50 to 150	3.0 See Note 1		A	
Right angle and box angle plates	BS 5535:1978 50 to 300	Squareness: 3.0 + (1.0 per 100 mm) Parallelism: 1.0 + (1.0 per 100 mm) See note 1	A		



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RANGE IN MILLIMETRES AND UNCERTAINTY IN MICROMETRES UNLESS OTHERWISE STATED				
MEASURING INSTRUMENTS AND MACHINES				
Micrometers External (including ball and thread micrometers) Internal Depth	BS 870:2008 0 to 600 BS 959:2008 0 to 900 BS 6468:2008 0 to 300	Heads: 2.0 Setting and extension rods: $1.0 + (8.0 \times \text{length in m})$		A
Micrometer heads	BS 1734:1951 0 to 50	1.0		A
Micrometer, 3 point bore	3 to 150	5.0		A
Bench micrometer	NPL MOY/SCMI 22 0 to 100	Overall performance 2.0		A
Bevel protractors	BS 1685:2008 0° to 360°	6.0 min of arc		A
Vernier calliper, height and depth gauges (including digital and dial instruments)	BS 887:2008 0 to 1000 BS 1643:2008 0 to 1000 BS 6365: 2008 0 to 600	Overall performance: $10 + (30 \times \text{length in m})$		A
Dial gauges and dial test indicators	BS 907:2008 and BS 2795:1981 0 to 50	1.0		A
Comparators vertical, (external)	BS 1054:1975 250 to 10 000 magnifications	1.0 % of range Minimum 0.20		A
Performance verification of co- ordinate measuring machines	As ISO 10360-2:2002 0 to 1500 (longest diagonal using end standards)	$0.78 + (1.13 \times \text{length in m})$		A & B



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MEASURING INSTRUMENTS AND MACHINES Performance verification of non-cartesian co-ordinate measuring machines	In house method based on ISO 10360-2:2009 0 to 1500 (Maximum diameter using end standards)	2.1 + (2.8 x length in m)		A, B
END				