


Schedule of Accreditation

Issued by

United Kingdom Accreditation Service

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

 0228 Accredited to ISO/IEC 17025:2005	MP Calibration Services LTD Issue No: 025 Issue date: 28 April 2011	
	46 Cobham Rd Ferndown Industrial Estate Wimborne Dorset BH21 7QG	Contact: Mr M J Yeoman Tel: +44 (0)1202-624468 Fax: +44 (0)1202-625132 E-Mail: info@mpcalibration.co.uk Website: www.mpcalibration.co.uk

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 46 Cobham Rd Ferndown Industrial Estate Wimborne Dorset BH21 7QG	Local contact Mr M J Yeoman	Dimensional A

Site activities performed away from the locations listed above:

Location details	Activity	Location code
At customers premises	Mr M J Yeoman	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				
Plain plug gauges (parallel)	BS969:2008 0.3 to 50 diameter 50 to 100 diameter 100 to 165 diameter	1.0 2.0 on diameter 2.5	NOTES 1 The uncertainty quoted is for the departure from either flatness, straightness, parallelism, or squareness, i.e. the distance separating the two parallel planes which just enclose the surface under consideration. 2. Single start, symmetrical threads only. 3. Functional test of size using setting plugs calibrated with a CMC of 3.0 μm 4. 1 mm to 20mm diameter range relates to functional test of size using check plugs.	A
Plain ring gauges (parallel)	BS969:2008 2 to 12 diameter 12 to 50 diameter 50 to 100 diameter 100 to 300 diameter	1.5 1.2 on diameter 1.5 3.0		A
Length gauges, flat and spherical ended (excluding length bars)	0 to 600	1.0 + (8.0 x length in m)		A
Parallels	BS 906:Parts 1&2:1992 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
Plain gap gauges	BS969:2008 0.5 to 100 100 to 200 200 to 300	3.0 5.0 8.0		A
Screw plug gauges (parallel) including check and setting plugs (See Note 2)	1 to 100 diameter	3.0 on pitch diameter *		A
Screw pitch	0.2 to 8	1.5		
Screw flank angle	0° to 52°	5.0 minutes of arc		
Screw ring gauges (parallel)	1 to 20	See note 4		A
Screw caliper gauges	1 to 30	See note 3		
ANGLE				
Squares Blade type	BS 939:2007 50 to 300 300 to 600	3.0 5.0		A
Cylindrical	BS 939:2007 75 to 300 300 to 600	2.0 On squareness 3.0 See Note 1		A



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ANGLE (Cont'd)				
Sine Bars and Tables	BS 3064:1978 0 to 250	Linear dimension 1.0 + (10 x length in m) Overall performance 5.0 seconds of arc		A
Right angle and Box Plates	BS 5535:1978 50 to 600	Squareness: 3.0 + (1.0 per 100 mm) Parallelism: 1.0 + (1.0 per 100 mm) (See Note 1)		A
FORM				
Surface plate Granite and Cast iron	BS 817:2008 160 x 100 to 1600 x 1000	1.5 + (0.80 x diagonal in m) See Note 1		A,B
MEASURING INSTRUMENTS AND MACHINES				
Micrometers External Internal Depth	BS 870:2008 0 to 600 BS 959:2008 0 to 300 BS 6468:2008 0 to 300	Heads: 2.0 between any two points Setting and extension rods 1.0 + (8.0 x length in m)		A
3 point bore	0 to 100 100 to 200	3.0 4.0		A
Height setting micrometer	0 to 300	Heads: 1.0 between any two points Overall performance 3.0		A
Riser blocks for above	150 300	2.5 3.0		A
Vernier gauges Caliper Height Depth	BS 887:2008 BS 1643:2008 0 to 1500 BS 6365:2008	Overall performance 10 + (30 x length in m)		A
Dial gauges and dial test indicators	BS 907:2008 and BS 2795:1981 0 to 50	1.0		A
Feeler gauges	BS 957:2008 0.025 to 1	3.0		A
Bevel protractors	BS 1685:2008 0° to 360°	6.0 minutes of arc		A



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RANGE IN MILLIMETRES AND UNCERTAINTY IN MICROMETRES UNLESS OTHERWISE STATED				
MEASURING INSTRUMENTS AND MACHINES				
Spirit levels	BS 958:1968 and BS 3509:1962 5 seconds of arc to 60 minutes of arc nominal sensitivity	Mean sensitivity: 10% of nominal Minimum 0.50 seconds of arc		A
Radius gauges	0 to 300	3.0 on profile		A
Graduated rules	0 to 300	5.0 + (10 x length in m)		A
END				