


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: 021 Issue date: 07 January 2009	
	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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MP Calibration Services LTD.
Issue No:021 Issue date: 07 January 2009

Calibration performed by the Organisation at the locations specified

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Best Measurement Capability 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)	From 0.3 up to 50 diameter Above 50 up to 100 diameter Above 100 up to 165 diameter	1 2 2.5] on diameter	NOTES 1 All calibration must be carried out in accordance with procedures agreed by UKAS. 2 In addition to specified items above, other similar items, including parts of measuring instruments and machines, may be calibrated (See Note 1) to the uncertainties stated. Where the item or part calibrated is of lower quality due to wear, errors in geometry or form, or poor surface texture, or where any other factor adversely affects the measurement capability, greater uncertainties must be quoted. 3 The uncertainty quoted is for the departure from either flatness, straightness, parallelism, or squareness, ie the distance separating the two parallel planes which just enclose the surface under consideration. 4. Single start, symmetrical threads only.	A
Plain ring gauges (parallel)	From 2 up to 12 diameter Above 12 up to 50 diameter Above 50 up to 100 diameter Above 100 up to 300 diameter	1.5 1.2 1.5 3] on diameter		A
Length gauges, flat and spherical ended (excluding length bars)	Up to 600	1 + (8 x length in m)		A
Parallels	As BS 906:Parts 1&2:1992 up to 50 x 100 x 400	Dependent on size and grade From 1.5 up to 5		A
Vee blocks	As BS 3731:1987 up to 150	Dependent on size and grade From 2.5 up to 5		A
Plain gap gauges	From 0.5 up to 100 100 up to 200 200 up to 300	3 5 8		A
Screw plug gauges (parallel) including check and setting plugs (See Note 4)	From 1 up to 100 diameter * pitch: 1.5 flank angle $2+(800/(M \times P))$ * Minutes of arc Where M is projector magnification and P is pitch in mm	3 on pitch diameter *		A
Screw ring gauges (parallel)	Up to 20	By check plugs		A
Screw caliper gauges	Up to 30	By setting plugs		A
ANGLE				
Squares Blade type	As BS 939:1977 up to 300 Above 300 up to 600	3 5]	A	
Cylindrical	As Bs 939:1977 up to 300 Above 300 up to 600	2 3] On squareness See Note 3	A	



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ANGLE (Cont'd)				
Sine Bars and Tables	As BS 3064:1978	Linear dimension $1+(10 \times \text{length in m})$ Overall performance 5 seconds of arc		A
Right angle and Box Plates	As BS 5535:1978	Squareness: $3+(1 \text{ per } 100 \text{ mm})$ Parallelism: $1+(1 \text{ per } 100 \text{ mm})$ (See Note 3)		A
FORM				
Surface plates Granite Cast iron	As BS 817:1988	$1.5 + (0.8 \times \text{diagonal in m})$ See Note 3		A,B
MEASURING INSTRUMENTS AND MACHINES				
Micrometers External Internal Depth	As BS 870:1959 up to 300 As BS 959:1959 up to 300 As BS 6468:1984 up to 300	Heads: 2.0 between any two points Setting and extension rods $1 + (8 \times \text{length in m})$		A
3 point bore	Up to 100 Above 100 up to 200	3 4		A
Height setting micrometer	Up 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	As BS 887:1982 As BS 1643:1983 As BS 6365:1982 } Up to 1500	Overall performance $10 + (30 \times \text{length in m})$		A
Dial gauges and dial test indicators	As BS 907:1965 and BS 2795:1981	1.0		A
Feeler gauges	As BS 957:Part 1:1959	3.0		A
Bevel protractors	As BS 1685:1959	1 min of arc +1 vernier division		A



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MEASURING INSTRUMENTS AND MACHINES				
Spirit levels	As BS 958:1968 and BS 3509:1962	Mean sensitivity: 10% of nominal Minimum 0.5 seconds of arc		A
Radius gauges		3 on profile		A
Graduated rules	up to 300	5 + (10 x length in m)		A
END				