

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS CALIBRATION</p> <p>0440</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3 style="margin: 0;">Wortley Standards Limited</h3> <p style="margin: 0;">Issue No: 011 Issue date: 21 February 2008</p>	
	<p>Unit 10 Compass Court Westthorpe Fields Business Park Killamarsh Sheffield S21 1TW</p>	<p>Contact: Mr P Johnson Tel: +44 (0)114 248 2443 Fax: +44 (0)114 247 3153 E-Mail: info@wortleystandards.co.uk Website: www.wortleystandards.co.uk</p>
<p>Calibration performed at the above address only</p>		

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty ($k=2$)	Remarks	
<p>RANGE IN MILLIMETRES AND UNCERTAINTY IN MICROMETRES UNLESS OTHERWISE STATED</p>				
LENGTH			NOTES	
Plain plug gauges (parallel), cylindrical setting standards, gear measuring cylinders and rollers	From 1 up to 100 diameter Above 100 up to 150 diameter From 150 up to 200 diameter From 200 up to 300 diameter	1 1.5 2 3	<p>1 All calibration must be carried out in accordance with procedures agreed by UKAS.</p> <p>2 In addition to the items specified, 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, poor surface texture, or where any other factor that adversely affects the measurement capability, greater uncertainties must be quoted.</p>	
Plain ring gauges (parallel) and setting standards	From 5 up to 25 diameter Above 25 up to 50 diameter Above 50 up to 100 diameter Above 100 up to 150 diameter Above 150 up to 200 diameter Above 200 up to 300 diameter	1 1.5 2 2.5 3 3.5		
Plain gap gauges (parallel)	From 5 up to 100 Above 100 up to 200 Above 200 up to 300	3 5 8		
MEASURING INSTRUMENTS AND MACHINES				
Micrometers External Internal Depth	As BS 870 and above As BS 959 As BS 6468 up to 450	<div style="border-left: 1px solid black; border-right: 1px solid black; padding: 0 5px;"> Heads: 2.0 between any two points Setting and extension rods: $1 + (8 \times \text{length in m})$ </div>		
Micrometer heads	As BS 1734			1.0
Bench micrometer		Overall performance 2.0 between any two points		
Vernier caliper, height and depth gauges	As BS 887 and BS 1643 up to 1.2 m	Overall performance $10 + (30 \times \text{length in m})$		
Dial gauges and dial test indicators	As BS 907 and BS 2795	1.0		
<p>END</p>				