

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS CALIBRATION</p> <p>4036</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>HSB Inspection Quality</h3> <p>Issue No: 005 Issue date: 18 February 2011</p>	
	<p>Cairo House Greenacres Road Waterhead Oldham OL4 3JA</p>	<p>Contact: Mr M Yates Tel: +44 (0)845 345 5670 Fax: +44 (0)845 345 5680 E-Mail: martin.yates@hsbeil.com Website:</p>
<p>Calibration performed at the above address only</p>		

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$)	Remarks
PRESSURE			
<u>Gas pressure (gauge)</u>			
Calibration of pressure indicating instruments and gauges	0 Pa to 10 kPa 10 kPa to 4 MPa	6.3 Pa 12 kPa	
<u>Hydraulic pressure (gauge)</u>			
Calibration of pressure indicating instruments and gauges	0.6 MPa to 70 MPa	0.026 % + 260 Pa	
<u>Air velocity</u>			
Calibration of Anemometers and Pitot Tubes by comparison	0.3 m/s to 1 m/s 1 m/s to 5 m/s 5 m/s to 10 m/s 10 m/s to 30 m/s	0.095 m/s 0.16 m/s 0.31 m/s 0.61 m/s	Suitable for the calibration of anemometers up to 120 mm diameter
ELECTRICAL			
Low resistance test sets	0.01 Ω to 0.1 Ω 0.1 Ω to 0.5 Ω 0.5 Ω to 1 Ω 1 Ω to 1.5 Ω 1.5 Ω to 1.9 Ω 1.9 Ω to 3 Ω 3 Ω to 5 Ω 5 Ω to 10 Ω 10 Ω to 15 Ω	0.0015 Ω to 0.0051 Ω 0.0051 Ω to 0.025 Ω 0.025 Ω to 0.010 Ω 0.010 Ω to 0.015 Ω 0.015 Ω to 0.019 Ω 0.022 Ω to 0.032 Ω 0.032 Ω to 0.051 Ω 0.051 Ω 0.051 Ω to 0.076 Ω	
Insulation and continuity testers	Continuity: 0 Ω to 10 Ω 10 Ω to 100 Ω 100 Ω to 1000 Ω	0.020 Ω 0.12 Ω 1.2 Ω	



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Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability (CMC) Expressed as an Expanded Uncertainty ($k = 2$)	Remarks
ELECTRICAL (continued)			
Insulation and continuity testers	Insulation: 0.06 M Ω and 0.1 M Ω 0.6 M Ω 1 M Ω 2 M Ω 5 M Ω , 10 M Ω and 20 M Ω 50 M Ω	0.23 k Ω 0.46 k Ω 0.48 k Ω 1.9 k Ω 12 k Ω 42 k Ω	
Insulation tester voltage	250 V, 500 V and 1000 V	12 V	
Earth resistance test sets	0 Ω to 20 Ω 20 Ω to 200 Ω 200 Ω to 2000 Ω	0.15 Ω 0.23 Ω 2.0 Ω	
RCD testers	Test current 10 mA 100 mA 300 mA 1 A Trip time 20 ms to 200 ms	0.026 mA 0.059 mA 0.35 mA 0.46 mA 0.55 ms	
PAT testers	Earth bond resistance 0 Ω to 100 Ω 100 Ω to 1000 Ω Earth bond current 0.1 A to 20 A Insulation resistance 1 M Ω to 10 M Ω	0.012 Ω 0.12 Ω 0.023 A 0.12 M Ω	
Loop impedance testers	0 Ω to 10 Ω 10 Ω to 100 Ω 100 Ω to 1000 Ω	0.12 Ω 0.13 Ω 1.2 Ω	
DIMENSIONAL			
Vernier calipers (inc. digital and dial)	0 mm to 150 mm	15 μ m Overall performance	At specific points only. This is not offered as a commercial service.
Ultrasonic thickness meters	0 mm to 40 mm	60 μ m	
END			