

Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS CALIBRATION</p> <p>0034</p> <p>Accredited to ISO/IEC 17025:2005</p>	<p>Land Instruments International Ltd</p> <p>Issue No: 025 Issue date: 13 August 2010</p>	
	<p>Stubley Lane Dronfield Derbyshire S18 1DJ</p>	<p>Contact: Mr M.T.Broughton Tel: +44 (0)1246 417691 Fax: +44 (0)1246 410585 E-Mail: mick.broughton@ametek.co.uk Website: www.landinst.com</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
TEMPERATURE			
Platinum thermocouples	100°C to 400°C	1.0 °C	
Radiation thermometers (pyrometers)	- 10 °C to + 1100 °C 1100 °C to 1600 °C 1600 °C to 2500 °C	1.0 °C 2.0 °C 0.30 % of the temperature	
Blackbody sources	- 10 °C to + 200 °C 200 °C to 600 °C 600 °C to 1000 °C 1000 °C to 1600 °C	0.80 °C 1.0 °C 1.5 °C 2.0 °C	
ELECTRICAL			
DC Voltage	0 V to 20 V	30 ppm + 2.0 μV	
DC Current	4 mA to 20 mA	7.5 μA	
Temperature indicators, calibration by electrical simulation			
Radiation thermometers	0 °C to 1000 °C 1000 °C to 2600 °C	2.0 °C 3.0 °C	Voltage or current input Voltage or current input
END			