


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 0705 Accredited to ISO/IEC 17025:2005	Control Point	
	Issue No: 009 Issue date: 5 November 2010	
	22 Mansion Drive Hammerwich Staffordshire WS7 0JD	Contact: Mr P J Latham Tel: +44 (0)1543 673017 Fax: +44 (0)1543 307492 E-Mail: phil.latham@lineone.net Website:
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 22 Mansion Drive Hammerwich Staffordshire WS7 0JD Local contact Mr P J Latham Tel: +44 (0)1543 673017 Fax: +44 (0)1543 307492 Email: phil.latham@lineone.net	Electrical	Lab

Site activities performed away from the locations listed above:

Location details	Activity	Location code
The customers' site or premises must be suitable for the nature of the particular calibrations undertaken and will be the subject of contract review arrangements between the laboratory and the customer.	Electrical	Site



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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
ELECTRICAL				
DC Resistance	0 Ω to 400 Ω 400 Ω to 1 k Ω	0.020 Ω 0.066 Ω		Lab
DC Voltage	0 mV to 100 mV 100 mV to 1 V 1 V to 10 V	5.0 μ V 20 μ V 0.10 mV		Lab
DC Current	0 mA to 20 mA	0.88 μ A		Lab
Temperature calibrators, simulators, indicators, recorders, controllers and transmitters, calibration by electrical simulation				
Base metal thermocouple	- 200 $^{\circ}$ C to 200 $^{\circ}$ C 200 $^{\circ}$ C to 1200 $^{\circ}$ C 1200 $^{\circ}$ C to 1370 $^{\circ}$ C	0.27 $^{\circ}$ C 0.10 $^{\circ}$ C 0.13 $^{\circ}$ C	excluding cold junction compensation	Lab
Noble metal thermocouple	0 $^{\circ}$ C to 100 $^{\circ}$ C 100 $^{\circ}$ C to 1760 $^{\circ}$ C	0.6 $^{\circ}$ C 0.40 $^{\circ}$ C	excluding cold junction compensation	Lab
Pt 100	- 200 $^{\circ}$ C to 800 $^{\circ}$ C	0.090 $^{\circ}$ C		Lab
Cold junction compensation	Ambient temperatures 10 $^{\circ}$ C to 35 $^{\circ}$ C	0.10 $^{\circ}$ C		Lab
Temperature indicators, recorders, controllers and transmitters, calibration by electrical simulation				
Base metal thermocouple	- 200 $^{\circ}$ C to 1370 $^{\circ}$ C	0.54 $^{\circ}$ C	including cold junction compensation	Site and Lab
Noble metal thermocouple	- 50 $^{\circ}$ C to 100 $^{\circ}$ C 100 $^{\circ}$ C to 1760 $^{\circ}$ C	1.8 $^{\circ}$ C 1.4 $^{\circ}$ C	including cold junction compensation	Site and Lab
Pt 100	- 200 $^{\circ}$ C to 800 $^{\circ}$ C	0.30 $^{\circ}$ C		Site and Lab
Electrical output	0 V to 10 V 0 mA to 20 mA	2.3 mV 5.3 μ A		Site and Lab
Current loops	0 mA to 20 mA	5.3 μ A		Site and Lab
END				