


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS CALIBRATION</p> <p>0647</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>InCal Site Solutions</h3> <p>Issue No: 010 Issue date: 1 July 2010</p>	
	<p>25 Town Lane Islandmagee Co Antrim Northern Ireland BT40 3SZ</p>	<p>Contact: Mr R E Hughes Tel: +44 (0)28-9337 3133 Fax: +44 (0)28-9337 3533 E-Mail: info@incalsitesolutions.com Website: http://www.incalsitesolutions.com</p>
<p>Calibration performed by the Organisations at the locations specified below</p>		

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details	Activity	Location code
<p>Address 25 Town Lane Islandmagee Co Antrim Northern Ireland BT40 3SZ</p> <p>Local contact Mr Richard Hughes Tel: +44 (0)28 9337 3133 Fax: +44 (0)28 9337 3533 Email: info@incalsitesolutions.com</p>	<p>Electrical Pressure Temperature</p>	<p>P</p>

Site activities performed away from the locations listed above:

Location details	Activity	Location code
<p>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.</p> <p style="text-align: center;">Contact as above</p>	<p>Electrical Pressure Temperature</p>	<p>S</p>



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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 Voltage				
Measurement and Generation	0 mV to 100 mV 60 mV to 6 V 6 V to 12 V 12 V to 60 V	13 μ V 0.10 mV 1.8 mV 8.5 mV		P & S
DC Current				
Measurement and Generation	0 mA to 20 mA 20 mA to 60 mA	0.010 mA 0.020 mA		P & S
DC Resistance				
Specific Values	80 Ω 100 Ω 250 Ω	2.5 m Ω 2.3 m Ω 7.7 m Ω		P & S
Measurement	1 Ω to 600 Ω 600 Ω to 6 k Ω	0.30 Ω 1.9 Ω		P & S
Generation	1 Ω to 600 Ω 600 Ω to 6 k Ω	0.20 Ω 2.0 Ω		P & S
Electrical calibration of temperature indicators, controllers and recorders for the following sensors:				
Nobel metal thermocouples Type R & S	300 $^{\circ}$ C to 1200 $^{\circ}$ C	1.0 $^{\circ}$ C	with cold junction compensation	P & S
Base metal thermocouples Type K, T and J	- 100 $^{\circ}$ C to 0 $^{\circ}$ C 0 $^{\circ}$ C to 1200 $^{\circ}$ C	0.60 $^{\circ}$ C 0.50 $^{\circ}$ C	with cold junction compensation	P & S
Pt 100	- 25 $^{\circ}$ C to 250 $^{\circ}$ C 250 $^{\circ}$ C to 400 $^{\circ}$ C	0.06 $^{\circ}$ C 0.55 $^{\circ}$ C		P & S
PRESSURE				
Gas Pressure (gauge)				
Calibration of pressure indicating instruments and gauges	- 100 kPa to 0 kPa 0 kPa to 70 kPa 70 kPa to 2 MPa	1.0 kPa 50 Pa 900 Pa	Calibration of devices with an electrical output may be undertaken.	P & S



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PRESSURE (continued)				
Gas Pressure (absolute)				
Calibration of pressure indicating instruments and gauges	0 kPa to 200 kPa 200 kPa to 2.1 MPa	130 Pa 910 Pa		P & S
Hydraulic Pressure (gauge)				
Calibration of pressure indicating instruments and gauges	0 MPa to 70 MPa	30 kPa		P & S
Hydraulic Pressure (absolute)				
Calibration of pressure indicating instruments and gauges	100 kPa to 70.1 MPa	30 kPa		P & S
TEMPERATURE				
Resistance thermometers				
	Triple point of water (0.01 °C)	0.028 °C		P & S
	- 50 °C to 250 °C	0.060 °C		
	250 °C to 450 °C	0.55 °C		
Temperature indicators and recorders with sensors				
	Triple point of water (0.01 °C)	0.013 °C		P & S
	- 50 °C to 250 °C	0.060 °C		
	250 °C to 650 °C	0.60 °C		
Temperature controlled autoclaves, media preparators, ovens, chambers, and freezers				
	- 50 °C to 200 °C	0.30 °C	Single and multipoint monitoring probes. Time dependent temperature profiling.	P & S
	200 °C to 600 °C	1.7 °C		
END				