


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>0451</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Comark Limited</h3> <p>Issue No: 023 Issue date: 20 September 2011</p>	
	<p>Comark Ltd, A Fluke Company Bury Mead Road Hitchin Hertfordshire SG5 1RT</p>	<p>Contact: Mr M Hall Tel: +44 (0)844 815 6599 Fax: +44 (0)844 815 6598 E-Mail: mickhall@comarkltd.com Website: www.comarkltd.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 Comark Ltd, A Fluke Company Bury Mead Road Hitchin Hertfordshire SG5 1RT</p> <p>Local contact Mr M Hall Tel: +44 (0) 844 815 6599 Fax: +44 (0) 844 815 6598 Email: mickhall@comarkltd.com</p>	Head Office	
<p>Address 52 Hurricane Way Norwich Norfolk NR6 6JB</p> <p>Local contact Mr M Hall Tel: +44 (0) 844 815 6599 Fax: +44 (0) 844 815 6598 Email: mickhall@comarkltd.com</p>	Temperature Humidity Electrical	Lab

Site activities performed away from the location 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>Local contact Mr M Hall Tel: +44 (0) 844 815 6599 Fax: +44 (0) 844 815 6598 Email: mickhall@comarkltd.com</p>	Temperature Electrical	Site



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DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability Expressed as an Expanded Uncertainty ($k=2$)	Remarks	Location Code
TEMPERATURE				Lab
Resistance thermometers	- 196 °C - 80 °C - 70 °C to - 50 °C - 50 °C to + 250 °C 250 °C to 300 °C 300 °C to 420 °C 420 °C to 500 °C	0.010 °C 0.0055 °C 0.015 °C 0.010 °C 0.030 °C 0.035 °C 0.045 °C		
Thermistors	- 70 °C to +150 °C	0.050 °C		
Type T thermocouples	- 196 °C - 80 °C to 250 °C 250 °C to 400 °C	0.20 °C 0.15 °C 0.25 °C		
Other thermocouples	- 196 °C - 80 °C to 250 °C 250 °C to 500 °C	0.30 °C 0.20 °C 0.40 °C		
Electronic thermometers with indicators	Ranges as for sensors	as for sensors		
Calibration in air chamber	- 20 °C to + 70 °C	0.25 °C		
HUMIDITY				Lab
Relative humidity	25 %rh to 90 %rh at ambient temperature	2.8 % of reading	The accreditation covers other units derived from those listed	
Dew point	0 °C dp to 20 °C dp	0.25 °C dp		
ELECTRICAL				Lab
DC Voltage	- 80 mV to + 80 mV	5.0 μV		
DC Resistance	80 Ω to 10 MΩ	0.10%	For the calibration of thermistor indicators	
	80 Ω to 350 kΩ	50 ppm	For the calibration of thermistor simulators	



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Measured Quantity Instrument or Gauge	Range	Calibration and Measurement Capability Expressed as an Expanded Uncertainty ($k=2$)	Remarks	Location Code
Temperature indicators, calibration by electrical simulation				
Base metal thermocouples	- 200 °C to 0 °C 0 °C to 1200 °C 1200 °C to 1370 °C	0.23 °C to 0.10 °C 0.10 °C 0.15 °C	excluding cold junction compensation	
	- 200 °C to 0 °C 0 °C to 1200 °C 1200 °C to 1370 °C	0.25 °C to 0.11 °C 0.11 °C 0.15 °C	including cold junction compensation	
Cold junction compensation	At ambient temperature of 20 °C	0.050 °C		
Resistance thermometers (Pt100)	- 200 °C to + 200 °C 200 °C to 800 °C	0.050 °C 0.050 °C to 0.070 °C		
TEMPERATURE				Site
Resistance thermometers and electronic thermometers with indicators	- 40 °C to + 150 °C	0.15 °C		
Temperature controlled chambers. Freezers, fridges, rooms and ovens. Inclusive of associated indicators or recorders.	- 40 °C to 70 °C	0.5 °C		
Calibration of Temperature Data loggers, Electronic Temperature Indicators and Recorders in Air	- 40 °C to 70 °C	0.5 °C		
ELECTRICAL				Site
Temperature indicators, calibration by electrical simulation				
Base metal thermocouples	- 200 °C to - 70 °C - 70 °C to 0 °C 0 °C to 1300 °C	0.36 °C 0.18 °C 0.15 °C	including cold junction compensation	
END				