


Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

 <p>UKAS CALIBRATION</p> <p>0604</p> <p>Accredited to ISO/IEC 17025:2005</p>	<h3>Young Calibration Limited</h3> <p>Issue No: 012 Issue date: 27 April 2009</p>	
	<p>Unit 4, Ham Business Centre Brighton Road Shoreham by Sea West Sussex BN43 6RE</p>	<p>Contact: Mr A Young Tel: +44 (0)1273 455572 Fax: +44 (0)1273 454120 E-Mail: ay@youngcalibration.co.uk Website: www.youngcalibration.co.uk</p>
<p>Calibration performed at the above address only</p>		

DETAIL OF ACCREDITATION

Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty (<i>k</i> =2)	Remarks
FLOW Hydrocarbon oils Flow rate and volume passed	0.6 l/min to 280 l/min 0.6 l/min to 100 l/min	0.4 % 1 %	1. Calibrations are carried out with fluid temperatures of up to 60 °C 2. Calibrations are carried out at pressures of up to 4 bar Calibration of flow meters with an electrical or pressure output can be undertaken
Water Flow rate (mass and volume) and volume and mass passed	0.04 l/min to 1000 l/min	0.15 %	
Gas Flow rate and volume passed Mass flow	0.2 l/min to 800 l/min 10 l/s to 350 l/s	0.5 % 1.3% + 0.2 l/s	
AIR VELOCITY Calibration of Anemometers and Pitot Tubes by comparison	0.05 m/s to 80 m/s	0.45 % + 0.025 m/s	
PRESSURE Gas pressure (absolute)			
Calibration of pressure indicating instruments and gauges.	5 kPa to 130 kPa	32 Pa	
Gas pressure (gauge)			
Calibration of pressure indicating instruments and gauges.	-90 kPa to 0 kPa 0 kPa to 30 kPa 30 kPa to 120 kPa 120 kPa to 270 kPa 270 kPa to 1.6 MPa 1.6 MPa to 2 MPa	706 Pa 27 Pa 60 Pa 0.019 % 0.016 % 772 Pa	



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Measured Quantity Instrument or Gauge	Range	Best Measurement Capability Expressed as an Expanded Uncertainty ($k=2$)	Remarks
Hydraulic pressure (gauge) Calibration of pressure indicating instruments and gauges.	0.55 MPa to 1 MPa 1 MPa to 41 MPa 41 MPa to 110 MPa	0.025 % + 90 Pa 0.009 % + 90 Pa 0.018 %	
END			