Schedule of Accreditation

issued by

United Kingdom Accreditation Service

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

0291

Accredited to ISO/IEC 17025:2005

H & D Fitzgerald Ltd

Issue No: 018 **Issue date:** 23 December 2010

Cefn Du
Tremeirchion
St Asaph
LL17 0US

Contact: Mrs H Fitzgerald
Tel: +44 (0)1352 720774
Fax: +44 (0)1352 720249
E-Mail: heather@density.co.uk
Website: www.density.co.uk

Calibration performed by the Organisation at the locations specified below

Locations covered by the organisation and their relevant activities

Laboratory locations:

Location details		Activity	Location code
Address Cefn Du Tremeirchion St Asaph LL17 0US	**Local contact** Mrs H Fitzgerald	Density (Density meter, hydrometers, transducers, liquid density, solid density) Volume (Solid volume)	Lab

Site activities performed away from the locations listed above:

Location details	Activity	Location code
Customers' Premises 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.	Density (Density meters)	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
DENSITY				
Liquids	650 kg/m^3 to 2000 kg/m^3 at temperatures between 5 °C and 55 °C	0.01 kg/m^3 The uncertainty is dependent on the nature of the liquid		Lab
Hydrometers	550 kg/m^3 to 650 kg/m^3 650 kg/m^3 to 2000 kg/m^3 2000 kg/m^3 to 2800 kg/m^3	0.10 kg/m^3 0.050 kg/m^3 0.20 kg/m^3		Lab
Density floats	650 kg/m^3 to 2000 kg/m^3	0.10 kg/m^3		Lab
Mass (for verification) of above floats	0 to 500 mg	0.040 mg		Lab
DENSITY METERS	650 kg/m^3 to 2000 kgm^{-3}	0.040 kgm^{-3}	Lab: If an integral thermometer is present calibrations at 0 to 156 °C ± 0.050 °C otherwise at room temperature Site: If an integral thermometer is present calibrations at 0 to 90 °C ± 0.050 °C otherwise at room temperature	Lab & Site
VOLUME				
Solid volume standards	50 µl to 100 µl 100 µl to 500 µl 500 µl to 1 ml 1 ml to 10 ml	0.15 µl 0.20 µl 0.30 µl 0.50 µl		Lab

END