Schedule of Accreditation

Organisation Name	Panametrics EMEA ULC
Trading As	
INAB Reg No	44C
Contact Name	Eoin Barron
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Website	https://www.bakerhughesds.com
Accreditation Standard	EN ISO/IEC 17025 C
Standard Version	2017
Date of award of accreditation	14/07/2003
Scope Classification	Metrology
Services available to the public[1]	No

[1] Refer to document on interpreting INAB Scopes of Accreditation

Sites from which accredited services are delivered		
(the detail of the accredited services delivered at each site are on the Scope of Accreditation)		
	Name	**Address**
1	Head Office	Sensing House, Shannon Free Zone East, Smithstown, Clare, V14 V992

Scope of Accreditation

Head Office

Metrology

Category: A

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Expanded Measurement Uncertainty	Std. ref/SOP	Products	Remarks
105 Flow - .04 Gas meters	Calibration of gas flowmeters medium - air	11 - 8000m³/hr	0.50%	By comparison as per Baker Hughes procedure PS982	Gas flowmeters	N/A
105 Flow - .05 Liquid meters	Calibration of Clamp-on Ultrasonic Flow Meters (2 inch Master Meter)	1 m³/hour to 60 m³/hour	0.60 %	By comparison as per Baker Hughes procedure: PS-864	Clamp on Ultrasonic Flow Meters	N/A
	Calibration of Clamp-on Ultrasonic Flow Meters (6 inch Master Meter)	16 m³/hour to 400 m³/hour	0.60 %	By comparison as per Baker Hughes procedure: PS-864	Clamp on Ultrasonic Flow Meters	N/A
	Calibration of ultrasonic clamp on meters using a 2"&4" ultrasonic wetted meter as reference	1-2500 ltr/min	1%	By comparison as per Baker Hughes procedure: PS-201	Clamp on Ultrasonic Flow Meters	N/A

	Calibration of wetted flow meters Medium - Water (2 inch Master Meter)	1 m³/hour to 4 m³/hour 4 m³/hour to 60 m³/hour	0.24% 0.080%	By comparison as per Baker Hughes procedure: PS-864	Wetted liquid meters (Medium - Water)	N/A
	Calibration of wetted flow meters Medium - Water (6 inch Master Meter)	16 m³/hour to 20 m³/hour 20 m³/hour to 400 m³/hour	0.10% 0.090%	By comparison as per Baker Hughes procedure: PS-864	Wetted liquid meters (Medium - Water)	N/A
105 Flow - .11 Liquid meters		16 m³/hour to 20 m³/hour 20 m³/hour to 600 m³/hour	0.10% 0.090%	By comparison as per Baker Hughes procedure: PS-864	Wetted liquid meters (Medium - Water)	N/A
116 Hygrometry - .01 Humidity testing device	Measurement of dew point	-75 ºC to +10 ºC dew point	0.70 ºC at -75 ºC 0.40 ºC at -60 ºC 0.30 ºC at -50 ºC 0.30 ºC at -30 ºC 0.30 ºC at -20 ºC 0.30 ºC at -10 ºC 0.30 ºC at 0.0 ºC 0.30 ºC at +10 ºC	By comparison as per Baker Hughes procedure: PS-830	Hygrometers	N/A
116 Hygrometry - .99 Other hydrometers	Calibration of relative humidity reference salt solutions	11 %rh to 90 %rh	2.0 % at 11 % rh 2.1 % at 22 % rh 2.0 % at 33 % rh 2.4 % at 54 % rh 2.5 % at 75 % rh 2.4 % at 80 % rh 2.7 % at 90 % rh	By comparison as per Baker Hughes procedure: PS-900	Humitrace Reference Salt Solutions	N/A

Calibration and Measurement Capability (CMC) is expressed in terms of the following parameters:

- *Measurand or reference material*
- *Calibration or measurement method or procedure and type of instrument or material calibrated/measured*
- *Measurement range and additional parameters where applicable*
- *Measurement uncertainty.*

Measurement uncertainty shall be reported in compliance with EA 4/02 “Evaluation of the Uncertainty of Measurement in Calibration”.
In accordance with INAB policy, uncertainties are calculated for an estimated confidence level of not less than 95%.

** Notes:*
1. For Liquid Moisture Sensors traceability and accreditation are in terms of humidity in air only