

Schedule of Accreditation



Organisation Name	Calibration Technology
Trading As	
INAB Reg No	186C
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Website	http://www.calibrationtech.ie
Accreditation Standard	ISO 17025 C
Date Initially Awarded	02/10/2007
Scope Classification	Metrology
Services available to the public ¹	Yes

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	Innovation Works, National Technology Park, Limerick, V94 XW83

Scope of Accreditation

Head Office

Metrology

Category: A

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Calibration and measurement capability (CMC)	Std. ref/SOP	Products	Remarks
101 Mass - .01 Precision laboratory balances	N/A	0.001g to 20g 5g to 200g 200g to 1kg 1kg to 6.2kg 6.2kg to 12.2kg 12.2kg to 32.2kg	0.050 mg 0.20 mg 1.5 mg 20 mg 125mg 175mg	Documented in house method 6.10 : Weights available in OIML Class E2 from 1 mg to 5 kg.	Single and Dual Range Balances	
104 Volume - .02 Special laboratory volumetric apparatus		0.2 µL to 10 µL 10 µL to 20 µL 20 µL to 100 µL 100 µL to 200 µL 200 µL to 500 µL 500 µL to 1,000 µL 1,000 µL to 2,000 µL 2,000 µL to 5,000 µL 5,000 µL to 10,000 µL 10,000 µL to 20,000 µL 20,000 µL to 50,000 µL 50,000 µL to 100,000 µL	0.10 µL 0.20 µL 0.30 µL 0.80 µL 2.6 µL 5.0 µL 13.0 µL 22.0 µL 60.0 µL 60.0 µL 100.0 µL 200.0 µL	Method EN/ISO. 8655: 2002: 1 to 6 Volume of liquids For water delivered from piston and / or plunger operated volumetric apparatus	Laboratory pipettes and dispensing Equipment: Single Channel Pipettes: 0.2 µL to 20,000 µL Multichannel Pipettes: 0.5 µL to 1250 µL Piston Burettes: 1 ml to 50 ml Dilutors: 1 mL to 5 mL Dispensers: 1 µL to 100 mL	

Please note the Calibration 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*

1. In accordance with INAB policy, uncertainties are calculated for an estimated confidence level of not less than 95%.

2. Best measurement capability expressed as an uncertainty (\pm) to be reported in compliance with EA-4/02, "Expression of the Uncertainty of Measurement in Calibration".

Nominal temperature for in-house calibration work: $21\pm 3^{\circ}\text{C}$

Nominal temperature for Category B (customer site) calibration work: $21\pm 5^{\circ}\text{C}$

Head Office

Metrology

Category: B

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Calibration and measurement capability (CMC)	Std. ref/SOP	Products	Remarks
101 Mass - .01 Precision laboratory balances	N/A	0.001g to 20g 5g to 200g 200g to 1kg 1kg to 6.2kg 6.2kg to 12.2kg 12.2kg to 32.2kg	0.050 mg 0.20 mg 1.5 mg 20 mg 125mg 175mg	Documented in house method 6.10 : Weights available in OIML Class E2 from 1 mg to 5 kg	Single and Dual Range Balances	
104 Volume - .02 Special laboratory volumetric apparatus		0.2 µL to 10 µL 10 µL to 20 µL 20 µL to 100 µL 100 µL to 200 µL 200 µL to 500 µL 500 µL to 1,000 µL 1,000 µL to 2,000 µL 2,000 µL to 5,000 µL 5,000 µL to 10,000 µL 10,000 µL to 20,000 µL 20,000 µL to 50,000 µL 50,000 µL to 100,000 µL	0.10 µL 0.20 µL 0.30 µL 0.80 µL 2.6 µL 5.0 µL 13.0 µL 22.0 µL 60.0 µL 60.0 µL 100.0 µL 200.0 µL	Method EN/ISO. 8655: 2002: 1 to 6 Volume of liquids For water delivered from piston and / or plunger operated volumetric apparatus	Laboratory pipettes and dispensing Equipment: Single Channel Pipettes: 0.2 µL to 20,000 µL Multichannel Pipettes: 0.5 µL to 1250 µL Piston Burettes: 1 ml to 50 ml Dilutors: 1 mL to 5 mL Dispensers: 1 µL to 100 mL	

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- Measurement range and additional parameters where applicable
- Measurement uncertainty

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Nominal temperature for Category B (customer site) calibration work: $21\pm 5^{\circ}\text{C}$