

Schedule of Accreditation



Organisation Name	Medical Supply Co Ltd
Trading As	
INAB Reg No	262C
Contact Name	Thomas Holmes
Address	Damastown, Mulhuddart, Dublin
Contact Phone No	01 822 4222
Email	tholmes@medical-supply.ie
Website	
Accreditation Standard	ISO 17025 C
Date Initially Awarded	01/06/2010
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	Damastown, Mulhuddart, Dublin, D15

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	
107 Temperature measuring equipment - .09 Digital temperature indicator systems	0°C to 100°C	0°C to 100°C	0.06°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Resistance thermistors	Single and Multi-point Calibration of temperature sensors	
	0°C to 140°C	0°C to 140°C	0.19°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	T-Type Thermocouples K - Type Thermocouples	Single and Multi-point Calibration of temperature sensors	
	0°C to 85°C	0°C to 85°C	0.09°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Thermobuttons Min / Max Sensors	Single and Multi-point Calibration of temperature sensors	
	100°C to 125°C	100°C to 125°C	0.06°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Resistance thermistors	Single and Multi-point Calibration of temperature sensors	
	-20°C to 0°C			0.09°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Resistance thermistors	Single and Multi-point Calibration of temperature sensors
				0.13°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Thermobuttons Min / Max Sensors	Single and Multi-point Calibration of temperature sensors
				0.17°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	T-Type Thermocouples K - Type Thermocouples	Single and Multi-point Calibration of temperature sensors
	-40°C to -20°C	-40°C to -20°C	0.19°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	T-Type Thermocouples K - Type Thermocouples	Single and Multi-point Calibration of temperature sensors	
	-90°C to -40°C	-90°C to -40°C	0.26°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	T-Type Thermocouples K - Type Thermocouples	Single and Multi-point Calibration of temperature sensors	

108 Temperature controlled enclosures - .01 Ovens, furnaces, baths	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	0°C to 75°C	0°C to 75°C	0.3°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-20°C to 0°C	-20°C to 0°C	0.5°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	30°C to 75°C	30°C to 75°C	0.2°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	75°C to 100°C	75°C to 100°C	0.4°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-90°C to -20°C	-90°C to -20°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various freezers from -90°C to -20°C	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples.

						Includes refrigerators and freezers
108 Temperature controlled enclosures - .02 Incubators	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	0°C to 75°C	0°C to 75°C	0.3°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-20°C to 0°C	-20°C to 0°C	0.5°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	30°C to 75°C	30°C to 75°C	0.2°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	75°C to 100°C	75°C to 100°C	0.4°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-90°C to -20°C	-90°C to -20°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various freezers from -90°C to -20°C	Single and Multi-point temperature mapping and calibration of temperature controlled

						enclosures using thermocouples. Includes refrigerators and freezers
108 Temperature controlled enclosures - .03 Autoclaves and sterilising ovens	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	0°C to 75°C	0°C to 75°C	0.3°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-20°C to 0°C	-20°C to 0°C	0.5°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	30°C to 75°C	30°C to 75°C	0.2°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	75°C to 100°C	75°C to 100°C	0.4°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-90°C to -20°C	-90°C to -20°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various freezers from -90°C to -20°C	Single and Multi-point temperature mapping and

						calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
108 Temperature controlled enclosures - .04 Industrial freezers	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	0°C to 75°C	0°C to 75°C	0.3°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-20°C to 0°C	-20°C to 0°C	0.5°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	30°C to 75°C	30°C to 75°C	0.2°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	75°C to 100°C	75°C to 100°C	0.4°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-90°C to -20°C	-90°C to -20°C	0.7°C	SOP # 19, SOP # 22, SOP #	Various	Single and

				40, SOP # 41	freezers from -90°C to -20°C	Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
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Calibration Measurement Capability (CMC) is expressed in terms of the following parameters:

- *Measurand or reference material*
- *Calibration or measurement method*
- *Measurement range*
- *Measurement uncertainty*

Metrology field - Calibrated Device Type	Measured quantity	Calibration range	Calibration and measurement capability (CMC)	Std. ref/SOP	Products	Remarks	
107 Temperature measuring equipment - .09 Digital temperature indicator systems	0°C to 100°C	0°C to 100°C	0.06°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Resistance thermistors	Single and Multi-point Calibration of temperature sensors	
	0°C to 140°C	0°C to 140°C	0.19°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	T-Type Thermocouples K - Type Thermocouples	Single and Multi-point Calibration of temperature sensors	
	0°C to 85°C	0°C to 85°C	0.09°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Thermobuttons Min / Max Sensors	Single and Multi-point Calibration of temperature sensors	
	100°C to 125°C	100°C to 125°C	0.06°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Resistance thermistors	Single and Multi-point Calibration of temperature sensors	
	-20°C to 0°C			0.09°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	Resistance thermistors	Single and Multi-point Calibration of temperature sensors
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	-40°C to -20°C	-40°C to -20°C	0.19°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	T-Type Thermocouples K - Type Thermocouples	Single and Multi-point Calibration of temperature sensors	
	-90°C to -40°C	-90°C to -40°C	0.26°C	SOP # 18, SOP # 23, SOP # 31, SOP # 34	T-Type Thermocouples K - Type Thermocouples	Single and Multi-point Calibration of temperature sensors	
	108 Temperature controlled enclosures - .01 Ovens, furnaces, baths	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using

						thermocouples. Includes refrigerators and freezers
	0°C to 75°C	0°C to 75°C	0.3°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-20°C to 0°C	-20°C to 0°C	0.5°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	30°C to 75°C	30°C to 75°C	0.2°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	75°C to 100°C	75°C to 100°C	0.4°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-90°C to -20°C	-90°C to -20°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various freezers from -90°C to -20°C	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
108 Temperature controlled enclosures - .02 Incubators	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature

						controlled enclosures using thermocouples. Includes refrigerators and freezers
	0°C to 75°C	0°C to 75°C	0.3°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
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	30°C to 75°C	30°C to 75°C	0.2°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	75°C to 100°C	75°C to 100°C	0.4°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-90°C to -20°C	-90°C to -20°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various freezers from -90°C to -20°C	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
108 Temperature controlled enclosures - .03 Autoclaves and sterilising	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature

ovens						mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
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108 Temperature controlled enclosures - .04 Industrial freezers	0°C to 140°C	0°C to 140°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	0°C to 75°C	0°C to 75°C	0.3°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-20°C to 0°C	-20°C to 0°C	0.5°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples. Includes refrigerators and freezers
	30°C to 75°C	30°C to 75°C	0.2°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	75°C to 100°C	75°C to 100°C	0.4°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermistors
	-90°C to -20°C	-90°C to -20°C	0.7°C	SOP # 19, SOP # 22, SOP # 40, SOP # 41	Various freezers from -90°C to -20°C	Single and Multi-point temperature mapping and calibration of temperature controlled enclosures using thermocouples.

						Includes refrigerators and freezers
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