CERTIFICATE OF ACCREDITATION

The ANSI National Accreditation Board

Hereby attests that

ISOLAB, Inc.
6260 Hawthorne Drive
Windsor, ON N8T 1J9

Fulfills the requirements of

ISO/IEC 17025:2017

In the field of

CALIBRATION

This certificate is valid only when accompanied by a current scope of accreditation document.
The current scope of accreditation can be verified at www.anab.org.

Jason Stine, Vice President

Expiry Date: 02 December 2027

Certificate Number: L2434

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communiqué dated April 2017).

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

ISOLAB, Inc.

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CALIBRATION

ISO/IEC 17025 Accreditation Granted: **01 December 2025**

Certificate Number: **L2434** Certificate Expiry Date: **2 December 2027**

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
DC Current – Generate	Up to 330 µA 330 µA to 3.3 mA (3.3 to 33) mA (33 to 330) mA 330 mA to 1.1 A (1.1 to 3) A (3 to 11) A (11 to 20.5) A	0.015% of reading + 0.02 µA 0.012% of reading + 0.05 µA 0.010% of reading + 0.25 µA 0.01% of reading + 2.5 µA 0.024 % of reading + 40 µA 0.044 % of reading + 40 µA 0.01 % of reading + 500 µA 0.1 % of reading + 0.75 mA	Comparison to Multifunction calibrator Fluke 5522A
DC Current Measure	(0 to 100) µA 100 µA to 1 mA (1 to 10) mA (10 to 100) mA 100 mA to 1 A (1 to 3) A (3 to 10) A	21 pA/µA + 0.8 nA 21 nA/mA + 0.5 nA 21 nA/mA + 50 nA 36 µA/A + 0.5 µA 111 µA/A + 10 µA 100 µA/A + 10 µA 410 µA/A + 10 µA	Comparison to HP 3458A, OPTION II/ Fluke 8846A

Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
AC Current – Generate	(29 to 330) µA		Comparison to Multifunction Calibrator Fluke 5522A
	(10 to 20) Hz	0.2 % of output + 0.1 µA	
	(20 to 45) Hz	0.15 % of output + 0.1 µA	
	45 Hz to 1 kHz	0.13 % of output + 0.1 µA	
	(1 to 5) kHz	0.3 % of output + 0.15 µA	
	(5 to 10) kHz	0.8 % of output + 0.2 µA	
	(10 to 30) kHz	1.65 % of output + 0.4 µA	
	(0.33 to 3.3) mA		
	(10 to 20) Hz	0.2 % of output + 0.15 µA	
	(20 to 45) Hz	0.13 % of output + 0.15 µA	
	45 Hz to 1 kHz	0.11 % of output + 0.15 µA	
	(1 to 5) kHz	0.21 % of output + 0.2 µA	
	(5 to 10) kHz	0.5 % of output + 0.3 µA	
	(10 to 30) kHz	1 % of output + 0.6 µA	
	(3.3 to 33) mA		
	(10 to 20) Hz	0.18 % of output + 2 µA	
	(20 to 45) Hz	0.09 % of output + 2 µA	
	45 Hz to 1 kHz	0.04 % of output + 2 µA	
	(1 to 5) kHz	0.08 % of output + 2 µA	
	5 to 10 kHz	0.2 % of output + 3 µA	
	(10 to 30) kHz	0.4 % of output + 4 µA	
	(33 to 330) mA		
	(10 to 20) Hz	0.18 % of output + 20 µA	
	(20 to 45) Hz	0.09 % of output + 20 µA	
	45 Hz to 1 kHz	0.046 % of output + 20 µA	
	(1 to 5) kHz	0.1 % of output + 50 µA	
	(5 to 10) kHz	0.2 % of output + 100 µA	
	(10 to 30) kHz	0.4 % of output + 200 µA	
	(0.33 to 1.1) A		
	(10 to 45) Hz	0.18 % of output + 100 µA	
	45 Hz to 1 kHz	0.05 % of output + 100 µA	
	(1 to 5) kHz	0.6 % of output + 1 000 µA	
	(5 to 10) kHz	2.5 % of output + 5 000 µA	
	(1.1 to 3) A		
	(10 to 45) Hz	0.18 % of output + 100 µA	
	45 Hz to 1 kHz	0.06 % of output + 100 µA	
	(1 to 5) kHz	0.66 % of output + 1 000 µA	
	(5 to 10) kHz	2.5 % of output + 5 000 µA	

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Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
AC Current – Generate	(3 to 11) A (45 to 100) Hz 100 Hz to 1 kHz (1 to 5) kHz	 0.06 % of output + 2 mA 0.1 % of output + 2 mA 3 % of output + 2 mA	Comparison to Multifunction Calibrator Fluke 5522A
	(11 to 20.5) A (45 to 100) Hz 100 Hz to 1 kHz (1 to 5) kHz	 0.12 % of output + 5 mA 0.151 % of output + 5 mA 3 % of output + 5 mA	
AC Current Measure 1 kHz	(0 to 100) µA 100 µA to 1 mA (1 to 10) mA (10 to 100) mA 100 mA to 1 A (1 to 3) A (3 to 10) A	0.12 % of reading + 3 nA 0.06% of reading + 0.2 µA 0.06% of reading + 2 µA 0.062% of reading + 20 µA 0.2 % of reading + 0.02 mA 0.3 % of reading + 1.8 mA 0.3 % of reading + 6 mA	Comparison to HP 3458A, OPTION II/ Fluke 8846A
Resistance – Measure	(0 to 100) Ω (10 to 100) Ω 100 Ω to 1 kΩ (1 to 10) kΩ (10 to 100) kΩ 100 kΩ to 1 MΩ (1 to 10) MΩ (10 to 100) MΩ 100 M Ω to 1 GΩ	28 µΩ /Ω + 0.05 mΩ 10 µΩ /Ω + 0.5 mΩ 11 µΩ /Ω + 0.5 mΩ 18 µΩ /Ω + 5 mΩ 26 µΩ /Ω + 50 mΩ 38 µΩ /Ω + 2 Ω 56 µΩ /Ω + 100 Ω 502 µΩ /Ω + 1 kΩ 0.5% of reading + 10 kΩ	Comparison to HP 3458A, OPTION II

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Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Resistance – Generate	(0 to 11) Ω (11 to 33) Ω (33 to 110) Ω (110 to 330) Ω 330 Ω to 1.1 kΩ (1.1 to 3.3) kΩ (3.3 to 11) kΩ (11 to 33) kΩ (33 to 110) kΩ (110 to 330) kΩ 330 kΩ to 1.1 MΩ (1.1 to 3.3) MΩ (3.3 to 11) MΩ (11 to 33) MΩ (33 to 110) MΩ (110 to 330) MΩ 330 MΩ to 1.1 GΩ	47 μΩ/Ω + 0.001 Ω 25 μΩ/Ω + 0.001 5 Ω 54 μΩ/Ω + 0.001 4 Ω 40 μΩ/Ω + 0.002 Ω 31 μΩ/Ω + 0.002 Ω 35 μΩ/Ω + 0.02 Ω 31 μΩ/Ω + 0.02 Ω 35 μΩ/Ω + 0.2 Ω 42 μΩ/Ω + 0.2 Ω 32 μΩ/Ω + 2 Ω 34 μΩ/Ω + 2 Ω 78 μΩ/Ω + 30 Ω 0.013 % of reading + 50 Ω 0.025 % of reading + 2.5 kΩ 0.05 % of reading + 3 kΩ 0.3 % of reading + 100 kΩ 1.8 % of reading + 500 kΩ	Comparison to Multifunction calibrator Fluke 5522A and Decade box.
Capacitance – Generate	(0.19 to 0.4) nF (0.4 to 1.1) nF (1.1 to 3.3) nF (3.3 to 11) nF (11 to 33) nF (33 to 110) nF (110 to 330) nF (0.33 to 1.1) μF (1.1 to 3.3) μF (3.3 to 11) μF (11 to 33) μF (33 to 110) μF (110 to 330) μF (0.33 to 1.1) mF (1.1 to 3.3) mF (3.3 to 11) mF (11 to 33) mF (33 to 110) mF	0.6 % of reading + 0.01 nF 0.6 % of reading + 0.01 nF 0.55 % of reading + 0.01 nF 0.27 % of reading + 0.01 nF 0.25 % of reading + 0.01 nF 0.25 % of reading + 0.01 nF 0.25 % of reading + 0.03 nF 0.25 % of reading + 1 nF 0.25 % of reading + 3 nF 0.25 % of reading + 10 nF 0.4 % of reading + 30 nF 0.45 % of reading + 100 nF 0.45 % of reading + 300 nF 0.55 % of reading + 1 μF 0.45 % of reading + 3 μF 0.45 % of reading + 10 μF 0.75 % of reading + 30 μF 1 % of reading + 100 μF	Comparison to Multifunction Calibrator Fluke 5522A
DC Voltage - Generate	(0 to 330) mV 330 mV to 3.3 V (3.3 to 33) V (33 to 330) V (330 to 1 000) V	15 μV/V + 1 μV 18 μV/V + 2 μV 18 μV/V + 20 μV 19 μV/V + 150 μV 28 μV/V + 1.5 mV	Comparison to Multifunction calibrator Fluke 5522A

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Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
DC Voltage - Measure	0 to 100 mV (0.1 to 1) V (1 to 10) V (10 to 100) V (100 to 1 000) V	10 µV/V + 0.3 µV 10 µV/V + 0.3 µV 15 µV/V + 0.5 µV 12 µV/V + 30 µV 92 µV/V + 0.1 mV	Comparison to HP 3458A, OPTION II
AC Voltage - Generate	(1 to 33) mV (10 to 45) Hz 45 Hz to 10 kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 500) kHz	 0.08 % of output + 6 µV 0.017 % of output + 6 µV 0.021 % of output + 7 µV 0.1 % of output + 6 µV 0.35 % of output + 12 µV 0.8 % of output + 50 µV	Comparison to Multifunction Calibrator Fluke 5522A
	(33 to 330) mV (10 to 45) Hz 45 Hz to 10 kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 500) kHz	 0.03 % of output + 8 µV 0.015 % of output + 8 µV 0.016 % of output + 8 µV 0.035 % of output + 8 µV 0.08 % of output + 32 µV 0.21 % of output + 70 µV	
	(0.33 to 3.3) V (10 to 45) Hz 45 Hz to 10 kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 500) kHz	 0.03 % of output + 50 µV 0.015 % of output + 60 µV 0.019 % of output + 60 µV 0.032 % of output + 50 µV 0.07 % of output + 125 µV 0.24 % of output + 600 µV	
	(3.3 to 33) V (10 to 45) Hz 45 Hz to 10 kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz	 0.03 % of output + 650 µV 0.015 % of output + 600 µV 0.024 % of output + 600 µV 0.035 % of output + 640 µV 0.094 % of output + 1 600 µV	
AC Voltage - Generate	(33 to 330) V 45 Hz to 1 kHz (1 to 10) kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz	 0.019 % of output + 2 mV 0.03 % of output + 6 mV 0.025 % of output + 6 mV 0.03 % of output + 6 mV 0.2 % of output + 50 mV	Comparison to Multifunction Calibrator Fluke 5522A

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Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
AC Voltage - Generate	(330 to 1 020) V 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	 0.03 % of output + 10 mV 0.025 % of output + 10 mV 0.03 % of output + 10 mV	Comparison to Multifunction Calibrator Fluke 5522A
AC Voltage - Measure	0 to 10 mV @ 100 Hz to 20 kHz	 0.021 % of reading + 3 µV	Comparison to HP 3458A, Fluke 8846.
	10 to 100 mV @ 100 Hz to 20 kHz	 0.021 % of reading + 10 µV	
	100 mV to 1 V @ 100 Hz to 20 kHz	 0.021 % of reading + 20 µV	
	1 to 10 V @ 10 Hz to 20 Hz 20 Hz to 40 Hz 100 Hz to 20 kHz 20 kHz to 50 kHz 50 kHz to 100 kHz 500 kHz to 1 MHz	 0.4 % of reading + 2 mV 0.16 % of reading + 2 mV 0.02 % of reading + 1 mV 0.15 % of reading + 4 mV 0.6 % of reading + 8 mV 5 % of reading + 200 mV	
	10 to 100 V @ 100 Hz to 20 kHz	 0.03 % of reading + 10 mV	
	100 to 1 000 V @ 100 Hz to 20 kHz	 0.07 % of reading + 100 mV	
Electrical Simulation of TC Temperature Recorders/ Controllers/Indicators[1] Source & Measure	Type J, K, N and E (-180 to 1 370) °C Type R & S (-50 to 1 760) °C Type T (-200 to 400) °C	 0.35 °C 0.6 °C 0.15 °C	Electrical Simulation using Fluke 753 Multifunction Calibrator
Electrical Simulation of TC Temperature Recorders/ Controllers/Indicators[1] Source & Measure	Type E (-250 to -100) ºC (-100 to -25) ºC (-25 to 350) ºC (350 to 650) ºC (650 to 1 000) ºC	 0.52 Deg C 0.21 Deg C 0.19 Deg C 0.21 Deg C 0.25 Deg C	Electrical Simulation using Multifunction Calibrator Fluke 5522A, Fluke 743

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Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Electrical Simulation of TC Temperature Recorders/ Controllers/Indicators[1] Source & Measure	Type J		Electrical Simulation using Multifunction Calibrator Fluke 5522A, Fluke 753.
	(-200 to -100) ºC	0.29 °C	
	(-100 to -30) ºC	0.21 °C	
	(-30 to 150) ºC	0.19 °C	
	(150 to 760) ºC	0.21 °C	
	(760 to 1 200) ºC	0.27 °C	
	Type K		
	(-200 to -100) ºC	0.36 °C	
	(-100 to -25) ºC	0.23 °C	
	(-25 to 120) ºC	0.21 °C	
	(120 to 1 000) ºC	0.29 °C	
	(1 000 to 1 372) ºC	0.42 °C	
	Type N		
	(-200 to -100) ºC	0.42 Deg C	
	(-100 to -25) ºC	0.26 Deg C	
	(-25 to 120) ºC	0.23 Deg C	
	(120 to 410) ºC	0.22 Deg C	
	(410 to 1 300) ºC	0.30 Deg C	
	Type R		
	(0 to 250) ºC	0.60 °C	
	(250 to 400) ºC	0.39 °C	
	(400 to 1 000) ºC	0.37 °C	
	(1 000 to 1 767) ºC	0.43 °C	
	Type S		
	(0 to 250) ºC	0.50 °C	
	(250 to 1 000) ºC	0.40 °C	
	(1 000 to 1 400) ºC	0.41 °C	
	(1 400 to 1 767) ºC	0.49 °C	
	Type T		
	(-250 to -150) ºC	0.65 °C	
	(-150 to 0) ºC	0.29 °C	
	(0 to 120) ºC	0.21 °C	
	(120 to 400) ºC	0.19 °C	

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Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Electrical Simulation of RTD signal for Indicators/Recorders/ Controllers etc. Generate[1]	Pt 385 (100 Ω)		Electrical Simulation using Multifunction Calibrator Fluke 5522A
	(-200 to -80) ºC	0.055 °C	
	(-80 to 0) ºC	0.055 °C	
	(0 to 100) ºC	0.074 °C	
	(100 to 300) ºC	0.1 °C	
	(300 to 400) ºC	0.12 °C	
	(400 to 630) ºC	0.14 °C	
	(630 to 800) ºC	0.27 °C	
	Pt 385 (200 Ω)		
	(-200 to -80) ºC	0.05 °C	
	(-80 to 0) ºC	0.05 °C	
	(0 to 100) ºC	0.05 °C	
	(100 to 260) ºC	0.06 °C	
	(260 to 300) ºC	0.13 °C	
	(300 to 400) ºC	0.14 °C	
	(400 to 600) ºC	0.15 °C	
	(600 to 630) ºC	0.17 °C	
	Pt 385 (500 Ω)		
	(-200 to -80) ºC	0.05 °C	
	(-80 to 0) ºC	0.06 °C	
	(0 to 100) ºC	0.06 °C	
	(100 to 260) ºC	0.07 °C	
	(260 to 300) ºC	0.09 °C	
	(300 to 400) ºC	0.09 °C	
	(400 to 600) ºC	0.1 °C	
	(600 to 630) ºC	0.12 °C	
	Pt 385 (1 000 Ω)		
	(-200 to -80) ºC	0.04 °C	
	(-80 to 0) ºC	0.04 °C	
	(0 to 100) ºC	0.05 °C	
	(100 to 260) ºC	0.06 °C	
	(260 to 300) ºC	0.07 °C	
	(300 to 400) ºC	0.08 °C	
	(400 to 600) ºC	0.08 °C	
	(600 to 630) ºC	0.25 °C	

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Electrical – DC/Low Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Electrical Simulation of RTD signal for Indicators/Recorders/ Controllers etc. Generate[1]	Pt 3926 (100 Ω) (-200 to -80) ºC (-80 to 0) ºC (0 to 100) ºC (100 to 300) ºC (300 to 400) ºC (400 to 630) ºC	 0.06 °C 0.06 °C 0.08 °C 0.1 °C 0.11 °C 0.13 °C	Electrical Simulation using Multifunction Calibrator Fluke 5522A
	Pt 3916 (100 Ω) (-200 to -190) ºC (-190 to -80) ºC (-80 to 0) ºC (0 to 100) ºC (100 to 260) ºC (260 to 300) ºC (300 to 400) ºC (400 to 600) ºC (600 to 630) ºC	 0.28 °C 0.05 °C 0.06 °C 0.07 °C 0.08 °C 0.09 °C 0.10 °C 0.11 °C 0.25 °C	
Electrical Simulation of RTD 4-Wire Measure	Pt 100 Ω (385) (-200 to 100) °C (100 to 800) °C	 0.07 °C 0.02 % + 0.05 °C	Electrical Simulation using Fluke 753 Multifunction Calibrator
	Pt 200 Ω (385) (-200 to 100) °C (100 to 800) °C	 0.07 °C 0.02 % + 0.05 °C	
	Pt 500 Ω (385) (-200 to 100) °C (100 to 800) °C	 0.07 °C 0.02 % + 0.05 °C	
	Pt 1000 Ω (385) (-200 to 100) °C (100 to 800) °C	 0.07 °C 0.02 % + 0.05 °C	
	Pt 100 Ω (3916) (-200 to 100) °C (100 to 800) °C	 0.07 °C 0.02 % + 0.05 °C	
	Pt 100 Ω (3926) (-200 to 100) °C (100 to 800) °C	 0.07 °C 0.02 % + 0.05 °C	
	Pt 10 Ω Cu (427) (-100 to 260) °C	 0.40 °C	
	Pt 120 Ω Ni (672) (-80 to 260) °C	 0.20 °C	

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Length – Dimensional Metrology

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Micrometer End Rods	(1 to 6) in (7 to 12) in	75 µin 200 µin	Comparison to Gage Blocks and Dial Indicator
Calipers	(1 to 6) in (7 to 12) in (12 to 24) in	100 µin 200 µin 310 µin	Comparison to Gauge Blocks/ Micrometer Head
Dial Indicators	(0 to 1) in	15 µin	
Micrometer (Outside)	(1 to 6) in (7 to 12) in	100 µin 175 µin	

Mass and Mass Related

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) [2]	Reference Standard, Method, and/or Equipment
Pressure Pneumatic [1]	(0 to 1) inH_2O (1 to 4) inH_2O	0.002 inH_2O 0.01 inH_2O	Comparison to Ametek PTE100 Pressure Indicator
	(4 to 354) inH_2O	0.03 % of reading + 0.6*R*	Comparison to Ametek PK-II Deadweight Tester
	(10 to 1 000) psi	0.03 % of reading + 0.6*R*	Comparison to Ametek HK-1000 Deadweight Tester
Pressure Hydraulic [1]	(50 to 10 000) psi (200 to 17 000) psi	0.03 % of reading + 0.6*R* 0.015 % Of RDG +0.6R	Comparison to Ametek T-50 DWT Nagman H6900N-DP-1200/1
Vacuum Pneumatic [1]	(0 to 29) inHg	0.04 inHg + 0.6*R*	Comparison to Ashcroft PTE100 Pressure Indicator
Torque Tools [1]	(0.01 to 250) lbf·in (250 to 1 000) lbf·in (0.01 to 1 000) lbf·ft	0.53 % of reading + 0.6*R* 0.1 % of reading + 0.6*R* 0.15 % of reading + 0.6*R*	Comparison to Torque Tester
Torque Testers	(1 to 200) lbf·in (10 to 1 000) lbf·ft	0.04 % of reading + 0.6*R* 0.087 % of reading + 0.6*R*	Comparison to Torque Arm and Weights

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Thermodynamic

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-) [2]	Reference Standard, Method, and/or Equipment
Temperature Sources[1]	(-40 to 250) °C (250 to 660) °C (700 to 1 200) C	0.1 °C 0.5 °C 1.25	Comparison to PRT and Fluke 753 Calibrator /Hart Scientific 1502 Indicator Fluke Standard Type S 5650, HP 3458A.
Thermocouples[1]	Type J ,K & N (-40 to 400) °C (401 to 660) C (700 to 1 200) °C Type R &S (-40 to 400) °C (401 to 660) °C (700 to 1 200) C Type T (-40 to 400) °C	 0.3 °C 0.45 °C 1.25 Deg C 0.45 °C 0.6 °C 0.3 C	Comparison to Temperature Bath/Drywell, PRT and Fluke 753 Calibrator /Hart Scientific 1502 Indicator, Fluke Standard Type S thermocouple 5650 and HP3458A.
RTD and Thermistor Probes[1]	(-40 to 250) °C (250 to 400) °C (400 to 660) °C	0.12 °C 0.17 °C 0.56 °C	Comparison to Temperature Bath/Drywell, PRT and Fluke 753 Calibrator /Hart Scientific 1502 Indicator
Liquid in Glass Thermometer	(-30 to 250) °C	0.53 °C + 0.6*R*	Comparison to Temperature Bath, PRT and Fluke 753 Calibrator /Hart Scientific 1502 Indicator

Time and Frequency

Parameter/Equipment	Range	Expanded Uncertainty of Measurement (+/-)	Reference Standard, Method, and/or Equipment
Frequency Measure[1]	(1 to 40) Hz 40 HZ to 300 kHz (300 to 1 000) kHz	0.005 Hz 0.005 kHz 0.028 kHz	Comparison to HP 3458A/ Fluke 5522A/Fluke 8846A
Frequency Generate[1]	(1 to 120) Hz (120 to 1 000) Hz (1 to 100) kHz 100 kHz to 2 MHZ	0.001 Hz 0.000 015 Hz 0.001 kHz 0.000 02 MHz	Comparison to HP 3458A/ Fluke 5522A/Fluke 8846A

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Calibration and Measurement Capability (CMC) is expressed in terms of the measurement parameter, measurement range, expanded uncertainty of measurement and reference standard, method, and/or equipment. The expanded uncertainty of measurement is expressed as the standard uncertainty of the measurement multiplied by a coverage factor of 2 (k=2), corresponding to a confidence level of approximately 95%.

Notes:

1. On-site calibration service is available for this parameter, since on-site conditions are typically more variable than those in the laboratory, larger measurement uncertainties are expected on-site than what is reported on the accredited scope.
2. R = resolution of unit under test

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