



SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017  
& ANSI/NCSL Z540-1-1994

SITEC LAB  
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CALIBRATION

Valid To: February 28, 2027

Certificate Number: 5134.02

In recognition of the successful completion of the A2LA evaluation process (including an assessment of the organization's compliance with R205 – A2LA's Calibration Program Requirements), accreditation is granted to this laboratory to perform the following calibrations:<sup>1,5</sup>

I. Electrical – DC/Low Frequency

Parameter/Equipment	Range	CMC <sup>2,4</sup> (±)	Comments
DC Voltage – Generate	(0 V to < 330) mV (0.33 to < 3.3) V (3.3 to < 33) V (33 to < 330) V (330 to 1020) V	48 μV/V + 2.4 μV 39 μV/V + 4.0 μV 39 μV/V + 39 μV 43 μV/V + 0.39 mV 43 μV/V + 1.2 mV	Direct comparison, multifunction calibrator
DC Current –Generate	(0 to < 330) μA (0.33 to < 3.3) mA (3.3 to < 33) mA (33 to < 330) mA (0.33 to < 1.1) A (1.1 to < 3) A (3 to < 11) A (11 to 20) A	120 μA/A + 0.16 μA 81 μA/A + 0.039 μA 81 μA/A + 0.20 μA 83 μA/A + 2.0 μA 0.030 % + 0.035 mA 0.030 % + 0.035 mA 0.048 % + 0.36 mA 0.078 % + 0.58 mA	Direct comparison, multifunction calibrator
Clamp-On Meters	(1.65 to 16.5) A (16.5 to 55) A (55 to 150) A (150 to 550) A (550 to 1000) A	0.39 % + 0.016 A 0.39 % + 0.11 A 0.39 % + 0.11 A 0.39 % + 0.11 A 0.40 % + 0.11 A	w/5500 coil

Parameter/Equipment	Range	CMC <sup>2, 4</sup> (±)	Comments
Resistance – Generate	(0 to < 11) Ω (11 to < 33) Ω (33 to < 110) Ω (110 to < 330) Ω (0.33 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 (0.33 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 (0.33 to 1.1) GΩ	0.0074 % + 0.0013 Ω 0.0093 % + 0.0014 Ω 0.0071 % + 0.0014 Ω 0.0071 % + 0.0018 Ω 0.0070 % + 0.000 004 Ω 0.0071 % + 0.000 016 kΩ 0.0070 % + 0.000 04 kΩ 0.0071 % + 0.000 16 kΩ 0.0085 % + 0.000 36 kΩ 0.0097 % + 0.0018 kΩ 0.012 % + 0.000 002 MΩ 0.012 % + 0.000 02 MΩ 0.047 % + 0.000 042 MΩ 0.078 % + 0.002 MΩ 0.39 % + 0.000 78 MΩ 0.70 % - 0.33 MΩ 1.2 % + 0.25 MΩ	Direct comparison, multifunction calibrator
Capacitance – Generate	(220 to < 400) pF (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	0.39 % + 7.9 pF 0.39 % + 0.0077 nF 0.39 % + 0.0078 nF 0.20 % + 0.0082 nF 0.21 % + 0.076 nF 0.20 % + 0.082 nF 0.27 % + 0.15 nF 0.20 % + 0.000 78 μF 0.24 % + 0.0019 μF 0.23 % + 0.0072 μF 0.33 % + 0.023 μF 0.37 % + 0.076 μF 0.38 % + 0.21 μF 0.38 % + 0.000 70 mF 0.38 % + 0.0022 mF 0.38 % + 0.0075 mF 0.60 % + 0.023 mF 0.87 % + 0.077 mF	Direct comparison, multifunction calibrator
DC Voltage – Measure	(0 to < 100) mV (0.1 to < 1) V (1 to < 10) V (10 to < 100) V (100 to 1000) V	0.000 78 % + 0.26 μV 0.000 32 % + 0.30 μV 0.0003 % + 0.60 μV 0.001 % + 0.50 mV 0.001 % + 25 mV	Direct comparison, reference multimeter

Parameter/Equipment	Range	CMC <sup>2,4</sup> (±)	Comments
DC Current – Measure	(0 to < 10) $\mu$ A (10 to < 100) $\mu$ A (0.1 to < 1) mA (1 to < 10) mA (10 to < 100) mA (0.1 to < 1) A (1 to < 10) A (10 to 30) A	0.0014 % + 0.038 nA 0.0001 % + 2.5 nA 0.000 38 % + 0.0043 $\mu$ A 0.000 23 % + 0.045 $\mu$ A 0.0013 % + 0.17 $\mu$ A 0.0031 % + 9 $\mu$ A 0.026 % + 1.5 mA 0.056 % + 5.4 mA	Direct comparison, reference multimeter
Resistance – Measure	(0 to < 1) $\Omega$ (1 to < 10) $\Omega$ (10 to < 100) $\Omega$ (0.1 to < 1) k $\Omega$ (1 to < 10) k $\Omega$ (10 to < 100) k $\Omega$ (0.1 to < 1) M $\Omega$ (1 to < 10) M $\Omega$ (10 to < 100) M $\Omega$ (0.1 to < 1) G $\Omega$	0.0018 % + 0.0041 m $\Omega$ 0.0011 % + 0.013 m $\Omega$ 0.000 33 % + 0.035 m $\Omega$ 0.000 29 % + 0.000 38 $\Omega$ 0.000 26 % + 0.0037 $\Omega$ 0.000 36 % + 0.030 $\Omega$ 0.0013 % + 0.000 80 k $\Omega$ 0.0022 % + 0.10 k $\Omega$ 0.013 % + 9.9 k $\Omega$ 0.14 % + 1.0 M $\Omega$	Direct comparison, reference multimeter
Capacitance – Measure	(0 to < 1) nF (1 to < 10) nF (10 to < 100) nF (0.1 to < 1) $\mu$ F (1 to < 10) $\mu$ F (10 to < 100) $\mu$ F (0.1 to < 1) mF (1 to < 10) mF (10 to < 100) mF	0.19 % + 0.001 nF 0.09 % + 0.0023 nF 0.059 % + 0.015 nF 0.055 % + 0.15 nF 0.12 % + 0.0011 $\mu$ F 0.13 % + 0.012 $\mu$ F 0.16 % + 0.10 $\mu$ F 0.061 % + 0.0015 mF 0.071 % + 0.015 mF	Direct comparison, reference multimeter
Electrical Simulation Thermocouples – Generate			
Type B	(600 to 800) $^{\circ}$ C (800 to 1000) $^{\circ}$ C (1000 to 1550) $^{\circ}$ C (1550 to 1820) $^{\circ}$ C	0.50 $^{\circ}$ C 0.40 $^{\circ}$ C 0.36 $^{\circ}$ C 0.39 $^{\circ}$ C	Direct comparison, multifunction calibrator
Type C	(0 to 150) $^{\circ}$ C (150 to 650) $^{\circ}$ C (650 to 1000) $^{\circ}$ C (1000 to 1800) $^{\circ}$ C (1800 to 2316) $^{\circ}$ C	0.36 $^{\circ}$ C 0.32 $^{\circ}$ C 0.37 $^{\circ}$ C 0.59 $^{\circ}$ C 0.93 $^{\circ}$ C	

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Electrical Simulation Thermocouples – Generate (cont)			
Type E	(-250 to -100) °C (-100 to -25) °C (-25 to 350) °C (350 to 650) °C (650 to 1000) °C	0.57 °C 0.22 °C 0.21 °C 0.25 °C 0.27 °C	Direct comparison, multifunction calibrator
Type J	(-210 to -100) °C (-100 to -30) °C (-30 to 150 °C) (150 to 760 °C) (760 to 1200 °C)	0.33 °C 0.22 °C 0.21 °C 0.23 °C 0.28 °C	
Type K	(-200 to -100 °C) (-100 to -25 °C) (-25 to 120 °C) (120 to 1000 °C) (1000to 1372 °C)	0.39 °C 0.26 °C 0.23 °C 0.32 °C 0.46 °C	
Type L	(-200 to -100) °C (-100 to 800) °C (800 to 900) °C	0.46 °C 0.30 °C 0.29 °C 0.29 °C	
Type N	(-200 to -100) °C (-100 to -25) °C (-25 to 120) °C (120 to 410) °C (410 to 1300) °C	0.33 °C  0.64 °C 0.41 °C 0.39 °C 0.46 °C	
Type R	(0 to 250) °C (250 to 400) °C (400 to 1000) °C (1000 to 1767) °C	 0.43 °C 0.28 °C 0.23 °C	
Type T	(-250 to -150) °C (-150 to 0) °C (0 to 120) °C (120 to 400) °C	0.71 °C 0.26 °C 0.22 °C 0.21 °C	
Type U	(-200 to 0) °C (0 °C to 600) °C	0.63 °C 0.33 °C	

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Electrical Simulation of RTD			
Pt 385, 100 Ω	(-200 to -80) °C	0.37 °C	Direct comparison, multifunction calibrator
	(-80 to 0) °C	0.30 °C	
	(0 to 100) °C	0.27 °C	
	(100 to 300) °C	0.29 °C	
	(300 to 400) °C	0.27 °C	
	(400 to 630) °C	0.25 °C	
	(630 to 800) °C	0.28 °C	
Pt 3926, 100 Ω	(-200 to -80) °C	0.41 °C	
	(-80 to 0) °C	0.67 °C	
	(0 to 100) °C	0.41 °C	
	(100 to 300) °C	0.19 °C	
	(300 to 400) °C	0.18 °C	
	(400 to 630) °C	0.19 °C	
Pt 3916, 100 Ω	(-200 to -190) °C	0.22 °C	
	(-190 to -80) °C	0.25 °C	
	(-80 to 0) °C	0.19 °C	
	(0 to 100) °C	0.18 °C	
	(100 to 260) °C	0.19 °C	
	(260 to 300) °C	0.22 °C	
	(300 to 400) °C	0.29 °C	
	(400 to 600) °C	0.20 °C	
Pt 385, 200 Ω	(-200 to -80) °C	0.25 °C	
	(-80 to 0) °C	0.34 °C	
	(0 to 100) °C	0.32 °C	
	(100 to 260) °C	0.25 °C	
	(260 to 300) °C	0.19 °C	
	(300 to 400) °C	0.34 °C	
	(400 to 600) °C	0.22 °C	
	(600 to 630) °C	0.20 °C	
Pt 385, 500 Ω	(-200 to -80) °C	0.20 °C	
	(-80 to 0) °C	0.25 °C	
	(0 to 100) °C	0.46 °C	
	(100 to 260) °C	0.31 °C	
	(260 to 300) °C	0.29 °C	
	(300 to 400) °C	0.34 °C	
	(400 to 600) °C	0.39 °C	
(600 to 630) °C	0.31 °C		

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Electrical Simulation of RTD (cont)			
Pt 385, 1000 Ω	(-200 to -80) °C (-80 to 0) °C (0 to 100) °C (100 to 260) °C (260 to 300) °C (300 to 400) °C (400 to 600) °C (600 to 630) °C	0.32 °C 0.38 °C 0.51 °C 0.23 °C 0.19 °C 0.18 °C 0.46 °C 0.25 °C	Direct comparison, multifunction calibrator
PtNi 385,120 Ω (Ni120)	(-80 to 0) °C (0 to 100) °C (100 to 260) °C	0.51 °C 0.23 °C 0.19 °C	
Cu 42 710 Ω	(-100 to 260) °C	0.18 °C	

Parameter/Range	Frequency	CMC <sup>2,4</sup> (±)	Comments
AC Current – Measure			
(0 to < 10) μA	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz	0.20 % + 2.5 nA 0.20 % + 0.000 05 nA 0.20 % + 0.000 05 nA	Direct comparison, reference multimeter
(10 to < 100) μA	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz	0.030 % + 4.9 nA 0.054 % + 5.0 nA 0.09 % + 0.011 μA	
(0.1 to < 1) mA	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.024 % + 0.14 μA 0.048 % + 0.13 μA 0.069 % + 0.12 μA 0.41 % + 0.12 μA	
(1 to < 10) mA	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.030 % + 0.51 μA 0.053 % + 0.55 μA 0.1 % + 0.49 μA 0.41 % + 1.0 μA	

Parameter/Range	Frequency	CMC <sup>2,4</sup> (±)	Comments
AC Current – Measure (cont)			
(10 to < 100) mA	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz	0.030 % + 4.9 μA 0.053 % + 5.0 μA 0.095 % + 4.9 μA	Direct comparison, reference multimeter
(0.1 to < 1) A	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz	0.032 % + 0.10 mA 0.057 % + 0.12 mA 0.080 % + 0.10 mA	
(1 to < 30) A	1 Hz to 2 kHz (2 to 10) kHz	0.085 % + 12 mA 0.13 % + 12 mA	
AC Current – Generate			
(29 to < 330) μA	(20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	0.11 % + 0.092 μA 0.095 % + 0.087 μA 0.23 % + 0.13 μA 0.62 % + 0.16 μA 1.3 % + 0.29 μA	Direct comparison, multifunction calibrator
(0.33 to < 3.3) mA	(20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	0.098 % + 0.000 12 mA 0.079 % + 0.000 12 mA 0.16 % + 0.000 16 mA 0.39 % + 0.000 24 mA 0.78 % + 0.000 47 mA	
(3.3 to < 33) mA	(20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	0.072 % + 0.0018 mA 0.035 % + 0.0014 mA 0.065 % + 0.0016 mA 0.16 % + 0.0023 mA 0.31 % + 0.0031 mA	
(33 to < 329.99) mA	(20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	0.073 % + 0.015 mA 0.038 % + 0.014 mA 0.08 % + 0.04 mA 0.16 % + 0.073 mA 0.31 % + 0.16 mA	
(0.33 to < 1.1) A	(10 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	0.14 % + 0.000 11 A 0.044 % + 0.000 073 A 0.47 % + 0.000 77 A 1.9 % + 0.0039 A	
(1.1 to < 3) A	(10 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	0.14 % + 0.000 081 A 0.051 % + 0.000 083 A 0.47 % + 0.000 77 A 2 % + 0.0025 A	

Parameter/Range	Frequency	CMC <sup>2, 4</sup> (±)	Comments
AC Current – Generate (cont)			
(3 to < 11) A	(45 to 100) Hz (100 Hz to 1) kHz (1 to 5) kHz	0.051 % + 0.0015 A 0.081 % + 0.0015 A 2.3 % + 0.002 A	Direct comparison, multifunction calibrator
(11 to < 20.5) A	(45 to 100) Hz (100 Hz to 1) kHz (1 to 5) kHz	0.095 % + 0.0039 A 0.12 % + 0.0039 A 2.3 % + 0.0039 A	
Clamp-On Meters:			
(1.65 to 16.5) A	(45 to 440) Hz	0.78 % + 0.023 A	w/5500 coil
(16.5 to 55) A	(45 to 440) Hz	0.78 % + 0.19 A	
(55 to 150) A	(45 to 440) Hz	0.78 % + 0.19 A	
(150 to 550) A	(45 to 100) Hz (100 to 440) Hz	0.44 % + 0.69 A 0.78 % + 0.69 A	
(550 to 1000) A	(45 to 100) Hz (100 to 440) Hz	0.44 % + 0.68 A 0.78 % + 0.69 A	
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	0.11 % + 0.018 mV 0.081 % + 0.015 mV 0.12 % + 0.016 mV 0.16 % + 0.015 mV 0.28 % + 0.026 mV 0.79 % + 0.047 mV	Direct comparison, multifunction calibrator
(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	0.044 % + 0.014 mV 0.025 % + 0.015 mV 0.055 % + 0.016 mV 0.079 % + 0.032 mV 0.18 % + 0.13 mV 0.41 % + 0.25 mV	
(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	0.044 % + 0.043 mV 0.025 % + 0.045 mV 0.055 % + 0.046 mV 0.078 % + 0.050 mV 0.18 % + 0.16 mV 0.41 % + 0.67 mV	



Parameter/Range	Frequency	CMC <sup>2, 4</sup> (±)	Comments
AC Voltage – Generate (cont)			
(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)	0.052 % + 0.44 mV 0.025 % + 0.45 mV 0.055 % + 0.46 mV 0.079 % + 0.46 mV 0.18 % + 1.7 mV	Direct comparison, multifunction calibrator
(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	0.040 % + 2.2 mV 0.063 % + 6.9 mV 0.071 % + 6.9 mV 0.094 % + 7.0 mV 0.19 % + 0.066 V	
(30 to < 1020) V	45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	0.040 % + 0.016 V 0.063 % + 0.016 V 0.070 % + 0.016 V	
AC Voltage – Measure			
(0 to < 10) mV	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.030 % + 1.1 μV 0.038 % + 1.1 μV 0.039 % + 1.1 μV 0.30 % + 1.3 μV	Direct comparison, reference multimeter
(10 to < 100) mV	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.012 % + 0.32 μV 0.014 % + 0.50 μV 0.025 % + 0.90 μV 0.055 % + 4.5 μV	
(0.1 to < 1) V	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.0083 % + 0.0050 mV 0.013 % + 0.0040 mV 0.023 % + 0.010 mV 0.055 % + 0.05 mV	
(1 to < 10) V	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.0082 % + 0.050 mV 0.013 % + 0.040 mV 0.023 % + 0.14 mV 0.055 % + 0.45 mV	
(10 to < 100) V	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.010 % + 0.50 mV 0.011 % + 0.60 mV 0.024 % + 1.6 mV 0.061 % + 5 mV	

Parameter/Range	Frequency	CMC <sup>2, 4</sup> (±)	Comments
AC Voltage – Measure (cont)  (0.1 to < 1) kV	1 Hz to 2 kHz (2 to 10) kHz (10 to 30) kHz (30 to 100) kHz	0.0010 % + 1.4 V 0.0010 % + 1.4 V 0.0030 % + 1.4 V 0.020 % + 1.4 V	Direct comparison, reference multimeter
AC Voltage – Measure  (0 to < 100) mV  (0.1 to < 1) V  (1 to < 5) V  (5 to < 10) V  (10 to < 100) V  (100 to < 750) V	100 Hz to 5 kHz  (3 to 5) Hz 10 Hz to 20 kHz (20 to 50) kHz (50 to 100) kHz  10 Hz to 20 kHz (20 to 50) kHz  10 Hz to 5 kHz  10 Hz to 5 kHz  10 Hz to 5 kHz	0.048 % + 0.024 mV  0.5 % + 0.22 mV 0.049 % + 0.22 mV 0.056 % + 0.49 mV 0.14 % + 0.63 mV  0.05 % + 1.1 mV 0.051 % + 3.3 mV  0.05 % + 2.1 mV  0.048 % + 0.023 V  0.048 % + 0.17 V	Method: direct comparison, digital multimeter

## II. Mechanical

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Accelerometer	(5 to < 9) Hz (10 to < 99) Hz (100 to < 1999) Hz (2000 to < 4999) kHz (5000 to < 10 000) kHz	2.8 % of reading 1.1 % of reading 0.9 % of reading 1.0 % of reading 2.7 % of reading	Direct comparison back-to-back

### III. Thermodynamics

Parameter/Equipment	Range	CMC <sup>2</sup> (±)	Comments
Characterization of Climatic Chambers Temperature <sup>3</sup>	(-80 to 0) °C (0 to 100) °C (100 to 200) °C	1.1 °C 0.81 °C 0.83 °C	Direct comparison, thermocouples, RTDs & DAQ. IEC 60068-3-6, IEC 60068-3-5
Characterization of Climatic Chambers Relative Humidity <sup>3</sup>	(10 to 30) % HR (30 to 50) % HR (50 to 85) % HR (85 to 97) % HR	0.87 % HR 1.4 % HR 1.5 % HR 1.9 % HR	Direct comparison, thermocouples, RTDs, humidity meter & DAQ. IEC 60068-3-6, IEC 60068-3-5

### IV. Time & Frequency

Parameter/Equipment	Range	CMC, <sup>2,6</sup> (±)	Comments
Frequency – Measure <sup>3</sup>  100 mV to 10 V	(3 to < 10) Hz (10 to < 100) Hz (0.10 to <1) kHz (1 to < 300) kHz	0.070 % + 0.0007 kHz 0.030 % + 0.07 kHz 0.0020 % + 0.0001 kHz 0.0060 % + 0.0027 kHz	Direct comparison, digital multimeter

<sup>1</sup> This laboratory offers commercial calibration service and field calibration service where noted.

<sup>2</sup> Calibration and Measurement Capability Uncertainty (CMC) is the smallest uncertainty of measurement that a laboratory can achieve within its scope of accreditation when performing more or less routine calibrations of nearly ideal measurement standards or nearly ideal measuring equipment. CMC's represent expanded uncertainties expressed at approximately the 95 % level of confidence, usually using a coverage factor of  $k = 2$ . The actual measurement uncertainty of a specific calibration performed by the laboratory may be greater than the CMC due to the behavior of the customer's device and to influences from the circumstances of the specific calibration.

<sup>3</sup> Field calibration service is available for this calibration. Please note the actual measurement uncertainties achievable on a customer's site can normally be expected to be larger than the Calibration and Measurement Capability Uncertainty (CMC) found on the A2LA Scope. Allowance must be made for aspects such as the environment at the place of calibration and for other possible adverse effects such as those caused by transportation of the calibration equipment. The usual allowance for the uncertainty introduced by the item being calibrated, (e.g. resolution) must also be considered and this, on its own, could result in the actual measurement uncertainty achievable on a customer's site being larger than the CMC.

<sup>4</sup> The stated measured values are determined using the indicated instrument (see Comments). This capability is suitable for the calibration of the devices intended to measure or generate the measured value in the ranges indicated. CMC's are expressed as either a specific value that covers the full range or as a percent or fraction of the reading plus a fixed floor specification.

<sup>5</sup> This scope meets A2LA's *P112 Flexible Scope Policy*

<sup>6</sup> The type of instrument or material being calibrated is defined by the parameter. This indicates the laboratory is capable of calibrating instruments that measure or generate the values in the ranges indicated for the listed measurement parameter.



# Accredited Laboratory

A2LA has accredited

**SITEC LAB**

*Querétaro, MEXICO*

for technical competence in the field of

**Calibration**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 *General requirements for the competence of testing and calibration laboratories*. This laboratory also meets the requirements of ANSI/NCSL Z540-1-1994 and R205 – Specific Requirements: Calibration Laboratory Accreditation Program. 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).



Presented this 27<sup>th</sup> day of January 2025.

A blue ink signature of Mr. Trace McInturff, written over a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 5134.02  
Valid to February 28, 2027

*For the calibrations to which this accreditation applies, please refer to the laboratory's Calibration «field» Scope of Accreditation.*