



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

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CALIBRATION

Valid To: February 28, 2026

Certificate Number: 1995.05

In recognition of the successful completion of the A2LA evaluation process, accreditation is granted to this laboratory to perform the following calibrations<sup>1, 7</sup>:

I. Electrical – DC/Low Frequency

Parameter/Equipment	Range	CMC <sup>2, 3</sup> ( $\pm$ )	Comments
DC Voltage – Generate	(0 to 330) mV (0.33 to 33) V (3.3 to 33) V (33 to 330) V (330 to 1020) V	17 $\mu$ V/V + 1 $\mu$ V 9.9 $\mu$ V/V + 2 $\mu$ V 11 $\mu$ V/V + 20 $\mu$ V 15 $\mu$ V/V + 0.15 mV 15 $\mu$ V/V + 1.5 mV	Fluke 5520A
DC Current – Generate	Up to 330 $\mu$ A (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 20.5) A  (10 to 16.5) A (16.5 to 150) A (150 to 1025) A	0.012 % + 0.02 $\mu$ A 0.0079 % + 0.05 $\mu$ A 0.0081 % + 0.25 $\mu$ A 0.0084 % + 2.5 $\mu$ A 0.018 % + 40 $\mu$ A 0.031 % + 40 $\mu$ A 0.043 % + 0.5 mA 0.08 % + 0.75 mA  0.19 % + 0.002 A 0.2 % + 0.015 A 0.21 % + 0.05 A	Fluke 5520A  Fluke 5520A, 50 turn coil

Parameter/Equipment	Range	CMC <sup>2, 3, 5</sup> ( $\pm$ )	Comments
Resistance – Generate	Up to 11 $\Omega$ (11 to 33) $\Omega$ (33 to 110) $\Omega$ (110 to 330) $\Omega$ (0.33 to 1.1) k $\Omega$ (1.1 to 3.3) k $\Omega$ (3.3 to 11) k $\Omega$ (11 to 33) k $\Omega$ (33 to 110) k $\Omega$ (110 to 330) k $\Omega$ (0.33 to 1.1) M $\Omega$ (1.1 to 33) M $\Omega$ (3.3 to 11) M $\Omega$ (11 to 33) M $\Omega$ (33 to 110) M $\Omega$ (110 to 330) M $\Omega$ (330 to 1100) M $\Omega$	40 $\mu\Omega/\Omega + 0.001 \Omega$ 29 $\mu\Omega/\Omega + 0.0015 \Omega$ 29 $\mu\Omega/\Omega + 0.0014 \Omega$ 35 $\mu\Omega/\Omega + 0.002 \Omega$ 28 $\mu\Omega/\Omega + 0.002 \Omega$ 25 $\mu\Omega/\Omega + 0.02 \Omega$ 25 $\mu\Omega/\Omega + 0.02 \Omega$ 25 $\mu\Omega/\Omega + 0.2 \Omega$ 24 $\mu\Omega/\Omega + 0.2 \Omega$ 33 $\mu\Omega/\Omega + 2 \Omega$ 32 $\mu\Omega/\Omega + 2 \Omega$ 53 $\mu\Omega/\Omega + 30 \Omega$ 0.012 % + 50 $\Omega$ 0.022 % + 2.5 k $\Omega$ 0.049 % + 3 k $\Omega$ 0.29 % + 0.1 M $\Omega$ 1.3 % + 0.5 M $\Omega$	Fluke 5520A

Parameter/Range	Frequency	CMC <sup>2, 3</sup> ( $\pm$ )	Comments
AC Voltage – Generate			
(1 to 33) mV	(0.01 to 10) Hz (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	3.9 % + 170 $\mu$ V 0.063 % + 6 $\mu$ V 0.015 % + 6 $\mu$ V 0.019 % + 6 $\mu$ V 0.079 % + 6 $\mu$ V 0.27 % + 12 $\mu$ V 0.62 % + 50 $\mu$ V	Fluke 5520A
(33 to 330) mV	(0.01 to 10) Hz (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	3.9 % + 1700 $\mu$ V 0.025 % + 8 $\mu$ V 0.012 % + 8 $\mu$ V 0.013 % + 8 $\mu$ V 0.028 % + 8 $\mu$ V 0.063 % + 32 $\mu$ V 0.16 % + 70 $\mu$ V	
(0.33 to 3.3) V	(0.01 to 10) Hz (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	3.9 % + 17 000 $\mu$ V 0.024 % + 50 $\mu$ V 0.012 % + 60 $\mu$ V 0.015 % + 60 $\mu$ V 0.024 % + 50 $\mu$ V 0.055 % + 0.13 mV 0.19 % + 0.6 mV	

Parameter/Equipment	Frequency	CMC <sup>2, 3</sup> (±)	Comments
AC Voltage – Generate (cont)			
(3.3 to 33) V	(0.01 to 10) Hz (10 to 45) Hz 45 Hz to 10 kHz (10 to 20) kHz (20 to 50) kHz (50 to 100) kHz	3.9 % + 170 mV 0.024 % + 0.65 mV 0.012 % + 0.6 mV 0.019 % + 0.6 mV 0.028 % + 0.6 mV 0.071 % + 1.6 mV	Fluke 5520A
(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	0.016 % + 2 mV 0.016 % + 6 mV 0.02 % + 6 mV 0.029 % + 6 mV 0.16 % + 50 mV	
(330 to 1020) V	45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	0.026 % + 10 mV 0.020 % + 10 mV 0.024 % + 10 mV	
AC Current – Generate			
(29 to 330) µA	(0.01 to 10) Hz (10 to 20) Hz (20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	3.9 % + 1.7 µA 0.16 % + 0.1 µA 0.12 % + 0.1 µA 0.1 % + 0.1 µA 0.24 % + 0.15 µA 0.62 % + 0.2 µA 1.3 % + 0.4 µA	Fluke 5520A
(0.33 to 3.3) mA	(0.01 to 10) Hz (10 to 20) Hz (20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	3.9 % + 17 µA 0.16 % + 0.15 µA 0.1 % + 0.15 µA 0.081 % + 0.15 µA 0.16 % + 0.2 µA 0.39 % + 0.3 µA 0.78 % + 0.6 µA	
(3.3 to 33) mA	(0.01 to 10) Hz (10 to 20) Hz (20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	3.9 % + 170 µA 0.15 % + 2 µA 0.072 % + 2 µA 0.036 % + 2 µA 0.065 % + 2 µA 0.16 % + 3 µA 0.31 % + 4 µA	

Parameter/Range	Frequency	CMC <sup>2, 3</sup> (±)	Comments
AC Current – Generate (cont)			
(33 to 330) mA	(0.01 to 10) Hz (10 to 20) Hz (20 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	3.9 % + 1700 µA 0.15 % + 20 µA 0.073 % + 20 µA 0.037 % + 20 µA 0.081 % + 50 µA 0.16 % + 0.1 mA 0.31 % + 0.2 mA	Fluke 5520A
(0.33 to 1.1) A	(10 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	0.15 % + 0.1 mA 0.045 % + 0.1 mA 0.052 % + 1 mA 1.9 % + 5 mA	
(1.1 to 3) A	(10 to 45) Hz 45 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz	0.15 % + 0.1 mA 0.051 % + 0.1 mA 0.47 % + 1 mA 1.9 % + 5 mA	
(3 to 11) A	(45 to 100) Hz 100 Hz to 1 kHz (1 to 5) kHz	0.06 % + 2 mA 0.086 % + 2 mA 2.3 % + 2 mA	
(11 to 20.5) A	(45 to 100) Hz 100 Hz to 1 kHz (1 to 5) kHz	0.098 % + 5 mA 0.12 % + 5 mA 2.3 % + 5 mA	
(29 to 330) µA	(10 to 100) Hz 100 Hz to 1 kHz	0.2 % + 0.2 µA 0.47 % + 0.5 µA	Fluke 5520A with LCOMP On
(0.33 to 3.3) mA	(10 to 100) Hz 100 Hz to 1 kHz	0.2 % + 0.3 µA 0.47 % + 0.8 µA	
(3.3 to 33) mA	(10 to 100) Hz 100 Hz to 1 kHz	0.065 % + 4 µA 0.16 % + 10 µA	
(33 to 330) mA	(10 to 100) Hz 100 Hz to 1 kHz	0.065 % + 40 µA 0.16 % + 0.1 mA	
(0.33 to 3) A	(10 to 100) Hz (100 to 440) Hz	0.12 % + 0.2 mA 0.24 % + 1 mA	

Parameter/Range	Frequency	CMC <sup>2, 3</sup> ( $\pm$ )	Comments
AC Current – Generate (cont)			
(3 to 20.5) A	(10 to 100) Hz (100 to 440) Hz	0.095 % + 2 mA 0.78 % + 5 mA	Fluke 5520A with LCOMP On
(10 to 16.5) A	(45 to 65) Hz (65 to 440) Hz	0.23 % + 0.003 A 0.64 % + 0.003 A	Fluke 5520A, 50 turn coil
(16.5 to 150) A	(45 to 65) Hz (65 to 440) Hz	0.25 % + 0.025 A 0.66 % + 0.027 A	
(150 to 1025) A	(45 to 65) Hz (65 to 440) Hz	0.24 % + 0.09 A 1 % + 0.1 A	
AC Power – Generate (45 to 65 Hz, PF=1)	Up to 10.9 $\mu$ W (10.9 to 109 $\mu$ W (0.109 to 1.09) mW (1.09 to 10.9) mW (10.9 to 109) mW (0.109 to 1.09) W (1.09 to 10.9) W (10.9 to 37) W (37 to 337) W (0.337 to 1.12) kW (1.12 to 3.06) kW (3.06 to 11.2) kW (11.2 to 20.9) kW  0.55 W to 16.8 kW (16.8 to 1045) kW	0.13 % 0.09 % 0.05 % 0.044 % 0.044 % 0.044 % 0.045 % 0.047 % 0.051 % 0.057 % 0.061 % 0.08 % 0.13 %  0.23 % 0.25 %	Fluke 5520A  Fluke 5520A, 50 turn coil

Parameter/Equipment	Range	CMC <sup>2, 3</sup> (±)	Comments
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	0.49 % + 0.01 nF 0.40 % + 0.01 nF 0.41 % + 0.01 nF 0.23 % + 0.01 nF 0.20 % + 0.1 nF 0.20 % + 0.1 nF 0.20 % + 0.3 nF 0.21 % + 1 nF 0.22 % + 3 nF 0.22 % + 10 nF 0.36 % + 30 nF 0.36 % + 0.1 µF 0.36 % + 0.3 µF 0.36 % + 1 µF 0.42 % + 3 µF 0.41 % + 10 µF 0.77 % + 30 µF 0.86 % + 100 µF	Fluke 5520A
Electrical Calibration of Thermocouple Indicators – Generate & Measure			
Type E	(-250 to -100) °C (-100 to -25) °C (-25 to 350) °C (350 to 650) °C (650 to 1000) °C	0.39 °C 0.13 °C 0.12 °C 0.13 °C 0.17 °C	Fluke 5520A
Type J	(-210 to -100) °C (-100 to -30) °C (-30 to 150) °C (150 to 760) °C (760 to 1200) °C	0.21 °C 0.13 °C 0.12 °C 0.14 °C 0.19 °C	
Type K	(-200 to -100) °C (-100 to -25) °C (-25 to 120) °C (120 to 1000) °C (1000 to 1372) °C	0.26 °C 0.15 °C 0.13 °C 0.20 °C 0.31 °C	
Type N	(-200 to -100) °C (-100 to -25) °C (-25 to 120) °C (120 to 410) °C (410 to 1300) °C	0.31 °C 0.18 °C 0.16 °C 0.15 °C 0.21 °C	
Type T	(-250 to -150) °C (-150 to 0) °C (0 to 120) °C (120 to 400) °C	0.49 °C 0.20 °C 0.13 °C 0.12 °C	

Parameter/Equipment	Range	CMC <sup>2, 3, 4</sup> ( $\pm$ )	Comments
Electrical Calibration of RTD Indicators – Generate Pt 385, 100 $\Omega$	(-200 to -80) °C (-80 to 0) °C (0 to 100) °C (100 to 300) °C (300 to 400) °C (400 to 630) °C (630 to 800) °C	0.04 °C 0.04 °C 0.06 °C 0.07 °C 0.08 °C 0.09 °C 0.19 °C	Fluke 5520A
Electrical calibration of Phase Indicators – Source Only	(10 to 65) Hz (65 to 500) Hz 500 Hz to 1 kHz (1 to 5) kHz (5 to 10) kHz (10 to 30) kHz	0.082 °phase 0.20 °phase 0.39 °phase 1.9 °phase 3.9 °phase 7.8 °phase	Fluke 5520A
DC Voltage – Measure	(0 to 100) mV (0.10 to 1.0) V (1.0 to 10) V (10 to 100) V (100 to 1000) V	11 $\mu$ V/V + 0.3 $\mu$ V 10 $\mu$ V/V + 0.3 $\mu$ V 10 $\mu$ V/V + 0.5 $\mu$ V 13 $\mu$ V/V + 30 $\mu$ V 14 $\mu$ V/V + 100 $\mu$ V	Keysight 3458A
Resistance – Measure	Up 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 $\Omega$	21 $\mu$ $\Omega$ / $\Omega$ + 50 $\mu$ $\Omega$ 18 $\mu$ $\Omega$ / $\Omega$ + 0.5 m $\Omega$ 17 $\mu$ $\Omega$ / $\Omega$ + 0.5 m $\Omega$ 16 $\mu$ $\Omega$ / $\Omega$ + 5 m $\Omega$ 19 $\mu$ $\Omega$ / $\Omega$ + 50 m $\Omega$ 24 $\mu$ $\Omega$ / $\Omega$ + 2 $\Omega$ 70 $\mu$ $\Omega$ / $\Omega$ + 100 $\Omega$ 0.060 % + 1 k $\Omega$	Keysight 3458A
DC Current – Measure	Up to 100 $\mu$ A (0.1 to 1) mA (1 to 10) mA (10 to 100) mA (0.1 to 1) A (1 to 1000) A	35 $\mu$ A/A + 0.8 nA 35 $\mu$ A/A + 5 nA 40 $\mu$ A/A + 50 nA 53 $\mu$ A/A + 0.5 $\mu$ A 0.018 % + 10 $\mu$ A  0.30 %	Keysight 3458A  Keysight 3458A, Empro shunts

Parameter/Equipment	Frequency	CMC <sup>2, 4</sup> (±)	Comments
AC Voltage – Measure			
(1 to 10) mV	(10 to 40) Hz 40 Hz to 1 kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz	0.051 % + 3 µV 0.056 % + 1.1 µV 0.083 % + 1.1 µV 0.46 % + 1.1 µV 0.77 % + 1.1 µV 4.7 % + 2 µV	Keysight 3458A
(10 to 100) mV	(10 to 40) Hz 40 Hz to 1 kHz (1to20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz 300 kHz to 1 MHz	0.013 % + 4 µV 0.016 % + 2 µV 0.027 % + 2 µV 0.12 % + 2 µV 0.23 % + 2 µV 0.41 % + 10 µV 1.2 % + 10 µV	
(0.1 to 1) V	(10 to 40) Hz 40 Hz to 1 kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz 300 kHz to 1 MHz	0.011 % + 40 µV 0.016 % + 20 µV 0.024 % + 20 µV 0.041 % + 20 µV 0.11 % + 20 µV 0.36 % + 100 µV 1.2 % + 100 µV	
(1 to 10) V	(10 to 40) Hz 40 Hz to 1 kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz 300 kHz to 1 MHz	0.029 % + 0.4 mV 0.012 % + 0.2 mV 0.020 % + 0.2 mV 0.037 % + 0.2 mV 0.095 % + 0.2 mV 0.36 % + 1 mV 1.2 % + 1 mV	
(10 to 100) V	(10 to 40) Hz 40 Hz to 1 kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz (100 to 300) kHz 300 kHz to 1 MHz	0.025 % + 4 mV 0.025 % + 2 mV 0.027 % + 2 mV 0.048 % + 2 mV 0.15 % + 2 mV 0.47 % + 10 mV 1.8 % + 10 mV	
(100 to 700) V	(10 to 40) Hz 40 Hz to 1 kHz (1 to 20) kHz (20 to 50) kHz (50 to 100) kHz	0.048 % + 40 mV 0.048 % + 20 mV 0.070 % + 20 mV 0.14 % + 20 mV 0.35 % + 20 mV	

Parameter/Equipment	Frequency	CMC <sup>2, 4</sup> (±)	Comments
AC Current – Measure			Keysight 3458A
Up to 100 µA	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz	0.46 % + 0.03 µA 0.18 % + 0.03 µA 0.074 % + 0.03 µA 0.074 % + 0.03 µA	
(0.1 to 1) mA	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz (5 to 10) kHz	0.46 % + 0.2 µA 0.18 % + 0.2 µA 0.076 % + 0.2 µA 0.047 % + 0.2 µA 0.074 % + 0.2 µA	
(1 to 10) mA	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz (5 to 10) kHz	0.46 % + 2 µA 0.18 % + 2 µA 0.077 % + 2 µA 0.048 % + 2 µA 0.075 % + 2 µA	
(10 to 100) mA	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz (5 to 10) kHz	0.46 % + 20 µA 0.18 % + 20 µA 0.077 % + 20 µA 0.049 % + 20 µA 0.075 % + 20 µA	
(0.1 to 1) A	(10 to 20) Hz (20 to 45) Hz (45 to 100) Hz (0.1 to 5) kHz (5 to 10) kHz	0.47 % + 200 µA 0.20 % + 200 µA 0.11 % + 200 µA 0.13 % + 200 µA 0.35 % + 200 µA	
(1 to 1000) A	(45 to 65) Hz	0.30 %	Keysight 3458A, Empro shunts

## II. Mechanical

Parameter/Equipment	Range	CMC <sup>2, 5</sup> (±)	Comments
Torque Devices	5 lbf-in to 2000 lbf-ft	0.94 %	CDI & AWS Torque Testers

Parameter/Equipment	Range	CMC <sup>2</sup> ( $\pm$ )	Comments
Pressure (Pneumatic) – Measuring Equipment  Calibration of Transfer Standards & Pressure Gauges	Absolute  (0 to 15) psia (15 to 50) psia  Gauge & Differential  (0.14 to 300) psi	0.0035 psia 0.015 psia  0.0081 %	Mensor 2300  RK-300/1100WC
Pressure (Hydraulic) – Measuring Equipment  Calibration of Transfer Standards & Pressure Gauges	(25 to 15 000) psi	0.018 %	Ametek Type T Deadweight Tester

### III. Thermodynamic

Parameter/Equipment	Range	CMC <sup>2</sup> ( $\pm$ )	Comments
Temperature – Measure	(-38 to 0.0) °C (0 to 156) °C (156 to 420) °C (420 to 660) °C	0.019 °C 0.23 °C 0.052 °C 0.099 °C	PRT & readout
Temperature – Measuring Equipment	(0 to 156) °C (156 to 200) °C	0.019 °C 0.051 °C	PRT, readout, bath

#### IV. Time & Frequency

Parameter/Equipment	Range	CMC <sup>2</sup> ( $\pm$ )	Comments
Frequency – Measuring Equipment <sup>3</sup>	0.1 Hz to 10 MHz	5.0 parts in $10^7$	Agilent 33220A ref. to Phillips PM6680B
	0.01 Hz to 2 MHz	29 $\mu$ Hz/Hz	Fluke 5520A
Frequency – Measure <sup>3</sup>	0.1 Hz to 225 MHz	5.0 parts in $10^7$	Phillips PM6680B
Time Interval – Timers & Stop Watches			NIST SP 960-12
	Up to 24 hours	0.043 seconds/day	Phillips PM6680B
	Up to 24 hours	0.12 seconds	Phillips PM6680B, function generator

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

<sup>2</sup> Calibration and Measurement Capability (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 Generators. Calibration and Measurement Capabilities 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> Fluke 5502A CMCs are based upon the temperature the standard was calibrated ( $t_{cal} \pm 5^\circ\text{C}$ ) and assuming the instrument is zeroed at least every seven days or when the ambient temperature changes more than  $5^\circ\text{C}$ . For Resistance, a zero calibration is performed at least every 12 hours within  $\pm 1^\circ\text{C}$  of use. For AC Current, CMCs are determined with the LCOMP off and ON. CMCs are also based upon 1-year floor specifications. CMCs are expressed as either a specific value that covers the full range or as a fraction of the reading plus a fixed floor specification.

<sup>4</sup> Agilent 3458A CMCs are based upon the temperature the standard was calibrated ( $t_{cal} \pm 5^\circ\text{C}$ ) and an auto calibration (ACAL) was performed within the previous 24 hours ( $\pm 1^\circ\text{C}$  of ambient temperature.) CMCs are also based upon 1-year floor specifications. CMCs are expressed as either a specific value that covers the full range or as a combination of a percent or the fraction of the reading/output plus a range specification.

<sup>5</sup> In the statement of CMC, percentages are percentages of reading, unless otherwise indicated.

<sup>6</sup> Applicable when the internal time base (oscillator) of the device under test is/can be measured directly by the frequency counter

<sup>7</sup> This scope meets A2LA's *P112 Flexible Scope Policy*.



# Accredited Laboratory

A2LA has accredited

**JM TEST SYSTEMS, LLC.**  
Port Arthur, TX

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 18<sup>th</sup> day of December 2023.

A blue ink signature of the name "Mr. Trace McInturff" on a horizontal line.

Mr. Trace McInturff, Vice President, Accreditation Services  
For the Accreditation Council  
Certificate Number 1995.05  
Valid to February 28, 2026

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