PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

Perry Johnson Laboratory Accreditation, Inc. has assessed the Organization of:

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion

San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396

and hereby declares that the Organization is accredited in accordance with the recognized International Standard:

ISO/IEC 17025:2017

Whereby, technical competence has been confirmed for the associated scope supplement, in the fields of:

Dimensional, Thermodynamic, Acoustic, Mass, Force and Weighing Devices, Mechanical, Time and Frequency, Chemical and Electrical Calibration
(As detailed in the supplement)

Accreditation claims for conformity assessment activities shall only be made from the addresses referenced within this certificate and shall apply solely to those activities identified in the related scope. This Accreditation is granted subject to the Accreditation Body rules governing the Accreditation referred to above, and the Organization hereby commits to observing and complying with those rules in their entirety.

For PJLA:

Tracy Szerszen
President

Perry Johnson Laboratory
Accreditation, Inc. (PJLA)
755 W. Big Beaver, Suite 1325
Troy, Michigan 48084

Initial Accreditation Date:	*Issue Date:*	*Expiration Date:*
October 03, 2026	October 03, 2026	January 31, 2029

Accreditation No.:	*Certificate No.:*
138316	L26-913

The validity of this certificate is maintained through ongoing assessments based on a continuous accreditation cycle. The validity of this certificate should be confirmed through the PJLA website: www.pjlabs.com

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Dimensional	Caliper	0.1 in to 60 in	$(3.51 \times 10^{-4} + 8 \times 10^{-6}L)$ in	Block Grade 0	JIS B 7507	F1, F2	F
Dimensional	Dial Indicator	0.000 1 in to 2 in	$(3.31 \times 10^{-4} + 1.02 \times 10^{-4}L)$ in	Block Grade 0	JIS B 7533	F1, F2	F
Dimensional	Micrometer	0.1 in to 12 in	$(5.77 \times 10^{-4} + 1 \times 10^{-5}L)$ in	Block Grade 0	JIS B 7502	F1, F2	F
Dimensional	Height Gage	0.1 in to 48 in	$(3.51 \times 10^{-4} + 8 \times 10^{-6}L)$ in	Block Grade 0	JIS B 7517	F1, F2	F
Dimensional	Surface Plate (Repeat Reading)	20 µin to 500 µin	$(2.89 \times 10^{-4} + 1 \times 10^{-6}L)$ in	Repeat Readings Gage with Indicator	JIS B7513	F1, F2	O
Dimensional	Pin Gage, Plug Gage	0.02 in to 2.4 in	$(1.2 \times 10^{-5} + 9 \times 10^{-6}L)$ in	Laser Micrometer LSM-9506	Euramet_cg-6	F1, F2	F
Thermodynamic	Oven, Furnace (Temperature Uniformity Test)	60 °C to 1 205 °C	0.6 °C	Multichannel Data Recorder JK7000	AMS 2750	F1, F2	O
Thermodynamic	Oven, Furnace (System Accuracy Test)	10 °C to 1 205 °C	0.6 °C	Multichannel Data Recorder JK7000 Logger Multithread SX	AMS 2750	F1, F2	O
Thermodynamic	Thermometer direct Reading, Thermocouple J, K	30 °C to 1 150 °C	0.6 °C	Thermocouple Calibrator Fluke 724	Euramet cg-11	F1, F2	O
Thermodynamic	IR Thermometer	10 °C to 100 °C	0.8 °C	Infrared Calibrator BX-500	CENAM Technical Guide	F1, F2	F

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Thermodynamic	IR Thermometer	101 °C to 200 °C	0.9 °C	Infrared Calibrator BX-500	CENAM Technical Guide	F1, F2	F
Thermodynamic	IR Thermometer	201 °C to 500 °C	1.1 °C	Infrared Calibrator BX-500	CENAM Technical Guide	F1, F2	F
Thermodynamic	Hygrometer (Humidity)	10 % RH to 90 % RH	1.7 % RH	Humidity Chamber and Vaisala, M170/ HMP75B	CENAM Technical Guide	F1, F2	F
Thermodynamic	Hygrometer (Temperature)	-20 °C to 50 °C	0.8 °C	Humidity Chamber and Vaisala, M170/ HMP75B	CENAM Technical Guide	F1, F2	F
Acoustic	Sound Level Meter (Fixed Point)	114 dB	0.6 dB	Sound Level Calibration	IEC 60942	F1, F2	O
Mass, Force and Weighing Devices	Bench Balance	0.02 lb to 0.044 1 lb (Res.= 0.002 lb)	$(1.77 \times 10^{-2} + 2.77 \times 10^{-1}Wt)$ lb	Class F1 Weights	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Bench Balance	0.0441 lb to 22.046 (Res.= 0.001 lb)	$(2.31 \times 10^{-2} + 3.36 \times 10^{-4}Wt)$ lb	Class F1 Weights	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Bench Scale	22.046 lb to 220.46 lb (Res.= 0.01 lb)	$2.34 \times 10^{-2} + 7.61 \times 10^{-5}Wt)$ lb	Class M2, M3 Weights	Euramet cg-18	F1, F2	O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Mechanical	Pressure Gage	-12 psi to 500 psi	0.8 psi	Fluke 700G07	Euramet cg-17	F1, F2	F, O
Mechanical	Pressure Gage	501 psi to 3 000 psi	1.3 psi	Fluke 700RG29	Euramet cg-17	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Tester HRC	20 HRC to 34 HRC	0.4 HRC	Hardness Test Blocks	ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Tester HRC	35 HRC to 59 HRC	0.4 HRC	Hardness Test Blocks	ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Tester HRC	60 HRC to 70 HRC	0.4 HRC	Hardness Test Blocks	ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Tester HRB	20 HRB to 40 HRB	0.4 HRB	Hardness Test Blocks	ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Tester HRB	60 HRB to 80 HRB	0.4 HRB	Hardness Test Blocks	ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Tester HRB	80 HRB to 1 000 HRB	0.4 HRB	Hardness Test Blocks	ASTM E18	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Time and Frequency	Stopwatch, Timers	300 s to 86 400 s	0.8 s	Stopwatch	NIST 960-12	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	100 Hz	0.06 Hz	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	1 kHz	0.06 Hz	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	10 kHz	0.06 Hz	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	100 kHz	0.06 Hz	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Chemical	pH Meter	4.005 pH	0.011 pH	pH Buffer Solution	QU-003 CEM	F1, F2	F, O
Chemical	pH Meter	7 pH	0.011 pH	pH Buffer Solution	ASTM E-70	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Chemical	pH Meter	10.012 pH	0.011 pH	pH Buffer Solution	ASTM E-70	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type B	600ºC to 800 ºC	0.3 ºC	Portable Multifunction Calibrator Transmille 1000A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type B	800 ºC to 1000 ºC	0.3 ºC	Portable Multifunction Calibrator Transmille 1000A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type B	1 000 ºC to 1 820 ºC	0.4 ºC	Portable Multifunction Calibrator Transmille 1000A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	250 ºC to -200 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	-200 ºC to -100 ºC	0.5 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	-100 ºC to 600 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	600 ºC to 1 000 ºC	0.6 °C	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type J	-210 ºC to -100 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type J	-100 ºC to 800 ºC	0.37 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type J	800 ºC to 1 200 ºC	0.61 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type K	-200 ºC to -100 ºC	0.49 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type K	-100 ºC to 400 ºC	0.31 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type K	400 ºC to 1 200 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type K	1 200 ºC to 1 372 ºC	0.49 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type N	-200 ºC to -100 ºC	0.48 °C	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type N	-100 ºC to 900 ºC	0.22 °C	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type N	900 ºC to 1 300 ºC	0.33 °C	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type S	-20 ºC to 0 ºC	0.7 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type S	0 ºC to 100 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type S	100 ºC to 1 767 ºC	0.33 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type T	-250 ºC to -200 ºC	0.3 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type T	-200 ºC to 0 ºC	0.28 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type T	0 ºC to 400 ºC	0.2 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3926, 100 Ω	-200 ºC to 0 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3926, 100 Ω	0 ºC to 630 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3916, 100 Ω	-200 ºC to -190 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3916, 100 Ω	-190 ºC to 0 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3916, 100 Ω	0 ºC to 630 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 200 Ω	-200 ºC to 0 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 200 Ω	0 ºC to 400 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 200 Ω	400 ºC to 630 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 500 Ω	-200 to 0 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 500 Ω	0 ºC to 400 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 500 Ω	400 ºC to 630 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 1 kΩ	-200 ºC to 0 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 1 kΩ	0 ºC to 400 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 385, 1 kΩ	400 ºC to 630 ºC	0.6 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt Ni 672, 120 Ω	-80 ºC to 260 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt Cu 427, 10 Ω	-100 ºC to 0 ºC	0.5 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt Cu 427, 10 Ω	0 ºC to 260 ºC	0.4 ºC	Temperature Calibrator Fluke 724 Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electri	Equipment to Output DC Voltage	1 mV to 100 mV	2.7 mV	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	0.1 V to 10 V	3.8 mV	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	10 V to 100 V	40 mV	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	100 V to 1 000 V	0.25 V	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Output AC Current (@ 10 Hz to 100 Hz)	0.1 A to 3 A	112 mA	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
	Equipment to Output AC Current (@ 10 Hz to 100 Hz)	3 A to 500 A	(0.4 + 0.02A) A	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Voltage (Hipot)	0.1 kV to 40 Kv	0.000 1 kV	Multimeter Keysight 34461A Voltaje Divisor HVP-40	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output AC Current (Hipot) (@ 10 Hz to 100 Hz)	0.3 A to 3 A	120 mA	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Current	0.1 mA to 1 mA	43 µA	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Current	1 mA to 100 mA	78 µA	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Current	0.1 A to 3 A	98 mA	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Output AC Voltage (@ 10 Hz to 20 kHz)	0.1 V to 750 V	52 mV	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	1 Ω to 100 Ω	42 mΩ	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	100 Ω to 1 kΩ	0.52 Ω	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	1 kΩ to 10 kΩ	6.3 Ω	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	0.1 kΩ to 1 MΩ	53 Ω	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	1 MΩ to 10 MΩ	12 kΩ	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	10 MΩ to 100 MΩ	60 kΩ	Multimeter Agilent Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	100 MΩ to 1 GΩ	77 kΩ	Multimeter Keysight 34461A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	1 mV to 1 V	6.3 µV	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure DC Voltage	1 V to 10 V	59 µV	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	10 V to 100 V	3.2 mV	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	100 V to 1 000 V	37 mV	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	1 µA to 200 µA	0.17 µA	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	0.2 mA to 2 mA	0.9 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure DC Current	2 mA to 20 mA	4.7 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	0.2 A to 2 A	0.35 mA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	2 A to 20 A	3.4 mA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	20 A to 1 000 A	0.6 A	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage (@ 20 Hz to 400 Hz)	1 mV to 1 V	1.6 mV	Portable Multifunction Calibrator Meatest M143	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure AC Voltage (@ 400 Hz to 10 000 Hz)	1 mV to 1 V	1.8 mV	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 Hz to 400 Hz)	1 V to 10 V	8.2 mV	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 400 Hz to 10 000 Hz)	1 V to 10 V	15 mV	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 Hz to 400 Hz)	10 V to 100 V	93 mV	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 400 Hz to 10 000 Hz)	10 V to 100 V	150 mV	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure AC Voltage (@ 20 Hz to 400 Hz)	100 V to 1 000 V	1.4 V	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 400 Hz to 10 000 Hz)	100 V to 1 000 V	2 V	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 200 Hz)	1 µA to 200 µA	0.76 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 200 Hz to 1 000 Hz)	1 µA to 200 µA	0.76 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 200 Hz)	0.2 mA to 2 mA	3 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure AC Current (@ 200 Hz to 1 000 Hz)	0.2 mA to 2 mA	3 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 200 Hz)	2 mA to 20 mA	21 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 200 Hz)	2 mA to 200 mA	25 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 200 Hz to 1 000 Hz)	2 mA to 200 mA	32 µA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 200 Hz)	0.2 A to 2 A	3.1 mA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure AC Current (@ 200 Hz to 1 000 Hz)	0.2 mA to 2 mA	6.2 mA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 200 Hz to 1 000 Hz)	0.2 A to 2 A	6.2 mA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 200 Hz)	2 A to 20 A	66 mA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 200 Hz to 1 000 Hz)	2 A to 20 A	92 mA	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 200 Hz)	20 A to 200 A	1.4 A	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure AC Current (@ 200 Hz to 1 000 Hz)	20 A to 200 A	1.8 A	Portable Multifunction Calibrator Transmille 1000A Coil EA001A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	9.992 8 Ω	84 mΩ	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	100.005 Ω	76 mΩ	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	1.000 24 kΩ	0.3 Ω	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	9.997 2 kΩ	3.1 Ω	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY (±) [1]	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure Resistance	100.057 kΩ	29 Ω	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	1.000 56 MΩ	840 Ω	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	10.007 2 MΩ	8.4 kΩ	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	99.559 MΩ	770 kΩ	Portable Multifunction Calibrator Transmille 1000A	Euramet cg-15	F1, F2	F, O

1. The CMC (Calibration and Measurement Capability) is expressed in terms of measurement instrument/aspect being calibrated, range, expanded measurement uncertainty, equipment, and method/procedure. The expanded measurement uncertainty stated for calibrations included on this scope of accreditation represents the smallest measurement uncertainty attainable by the laboratory when performing a more or less routine calibration of a nearly ideal device under nearly ideal conditions. It is typically expressed at a confidence level of 95 % using a coverage factor k (usually equal to 2). The actual measurement uncertainty associated with a specific calibration performed by the laboratory will typically be larger than the measurement uncertainty included on this scope for the same calibration since capability and performance of the device being calibrated and the conditions related to the calibration may reasonably be expected to deviate from ideal to some degree.

Certificate of Accreditation: Supplement

Ruth Esther Luque Becerril/
Metsure Mexicali Laboratorio de Calibracion
San Pedro Mezquital # 4175, Col. Mirasol
Mexicali, Baja California, México. C.P. 21396
Contact Name: Ruth Esther Luque. Phone: 686-306-4849

Accreditation is granted to the facility to perform the following conformity assessment activities:

2. The laboratory's range of calibration capability for all disciplines for which it is accredited is the interval from the smallest calibrated standard to the largest calibrated standard used in performing the calibration. The low end of this range must be an attainable value for which the laboratory has or has access to the standard referenced. Verification of an indicated value of zero in the absence of a standard is common practice in the procedure for many calibrations but by its definition it does not constitute calibration of zero capacity.

3. Location of activity:

Location Code	Location
F	Conformity assessment activity is performed at the CAB's fixed facility
O	Conformity assessment activity is performed onsite at the CAB's customer location
M	Conformity assessment activity is performed from a mobile facility

4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratory's fixed location for similar calibrations. This is due to the effects of transportation of the standards and equipment and upon environmental conditions at the customer site which are typically not controlled as closely as at the laboratory's fixed location.

5. The term L represents length in inches or millimeters as appropriate to the uncertainty statement.

6. The term Wt represents weight in pounds or grams (including SI multiple and submultiple units) appropriate to the uncertainty statement.

7. Flex Codes

F0: When no flexibility is identified. There are no changes to items calibrated, characteristics identified or versions of methods except for updating to the most recent version of a standard method after verification.
F1: The laboratory has the capability to introduce a new instrument, quantity, or gauge for an accredited calibration method.
F2: The laboratory has the capability to introduce the newest revision of an accredited authoritative standard method (with no modifications) identified on the scope
F3: The laboratory has the capability to introduce a new revision of an accredited non-standard method using the same technology or technique identified on the scope
F4: The laboratory has the capability to introduce a validated method that is equivalent to an accredited method (using the same Calibration Equipment or Reference Standards identified on the scope for the same parameter, component, or analyte identified on the line item of the scope.