PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Metrologia y Servicios MYC, S.A. de C.V.

Isla Martinica No. 2710, Col. Jardines de la Cruz
Guadalajara, Jalisco. México. C.P. 44950

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, Mechanical, Acoustic, Time and Frequency, Mass, Force and Weighting Devices, Chemical, Thermodynamic 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:*
January 31, 2017	April 08, 2025	May 31, 2027

Accreditation No.:	*Certificate No.:*
88795	L25-313

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

Metrologia y Servicios MYC, S.A. de C.V.

Isla Martinica No. 2710, Col. Jardines de la Cruz
Guadalajara, Jalisco. México. C.P. 44950
Contact Name: Monserrat Ordaz Phone: 334-382-3193

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)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	LOCATION OF ACTIVITY
Dimensional	Caliper	0.5 mm to 2 300 mm	$(12.1 + 3.5 \times 10^{-3}L)$ µm	Block Set Gage, Grade 0 Step Master	NMX-CH-002-IMNC	F, O
Dimensional	Micrometer	0.5 mm to 2 300 mm	$(7.18 \times 10^{-1} + 8.94 \times 10^{-3}L)$ µm	Set Block Gage Grade 0	NMX-CH-099-IMNC	F, O
Dimensional	Height Gage	0.5 mm to 2 300 mm	$(13.6 + 5 \times 10^{-3}L)$ µm	Master Block 0 Height Master Mitutoyo	NMX-CH-141-IMNC	F, O
Dimensional	Indicator	0.5 mm to 200 mm	$(7.9 + 1.04 \times 10^{-3}L)$ µm	Set Block Gage Grade	NMX-CH-036-SCFI	F, O
Dimensional	Angle	0° to 90°	0.12°	Angle Meter	Pittsburg VDI/VDE 2648-1 Part1	F, O
Dimensional	Thickness Gauge	20 µm to 1 450 µm	0.049 µm	Galga of Calibration Elcometer	ASTM D7091-13 ASTM E376-17	F, O
Dimensional	Precision Rules/Scale	28 mm to 2 000 mm	$(70 + 3 \times 10^{-4}L)$ mm	Rule Metax	JIS B 7516 OIML-R035-1-E CEM DI-012	F, O
Mechanical	Pressure Gauges	20 psi to 200 psi (0.14 MPa to 1.38 MPa)	0.32 psi (2.21 kPa)	Ametek Cal-Pal Calibrator	NMX-CH-003-SCFI	F, O
Mechanical	Pressure Gauges	600 psi to 6 000 psi (4.14 MPa to 41.36 MPa)	4.1 psi (28.26 kPa)	Digital Manometer Kobold Mod. DSD-5600	NMX-CH-003-SCFI	F, O
Mechanical	Pressure Gauges	1 000 psi to 5 000 psi (6.90 MPa to 34.47 MPa)	6.2 psi (42.75 kPa)	Digital Manometer Keller Mod. Leo 1	NMX-CH-003-SCFI-Valid	F, O
Mechanical	Pressure Gauges	5 000 psi to 9 000 psi (34.47 to 62.05 MPa)	9.7 psi (66.88 kPa)	Digital Manometer Keller, Mod. Leo 1	NMX-CH-003-SCFI-Valid	F, O
Mechanical	Pressure Gauges	2 000 psi to 20 000 psi (13.78 MPa to 137.89 MPa)	42 psi 289.58 kPa	Digital Manometer Aschorft	NMX-CH-003-SCFI	F, O

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Mechanical	Pressure Gauges	-11 psi to -0 psi (-0.1 MPa to 0 MPa)	0.009 psi (0.062 kPa)	Hathaway Pressure Calibrator Mod. Beta Port-P	NMX-CH-003-SCFI	F, O
Mechanical	Pressure Gauges	15 psi to 150 psi (0.1 MPa to 1.03 MPa)	0.088 psi (0.061 kPa)	Hathaway Pressure Calibrator Mod. Beta Port-P	NMX-CH-003-SCFI	F, O
Mechanical	Pressure Gauges	30 psi to 300 psi (0.21 MPa to 2.07 MPa)	0.089 psi (0.061 kPa)	Hathaway Pressure Calibrator Mod. Beta Port-P	NMX-CH-003-SCFI	F, O
Mechanical	Pressure Gauges	3 bar to 30 bar (0.3 MPa to 3 MPa)	0.09 bar (9 kPa)	Digital Manometer KELLER Mod. Leo 2	NMX-CH-003-SCFI	F, O
Mechanical	Pressure Gauges	Up to 500 psi	0.21 psi	Master Manometer Brand Crystal Model CP2i	NMX-CH-003-SCFI	F, O
Mechanical	Pressure Cell	1 psi to 10 psi (6.89 kPa to 68.94 kPa)	0.02 psi (9 kPa)	Hathaway Pressure Calibrator Mod. Beta Port-P	NMX-CH-003-SCFI	O
Mechanical	Equipment to Measure Differential Pressure	-20 inH_2O to 20 inH_2O (-4.98 kPa to 4.98 kPa)	0.22 inH_2O (0.005 kPa)	Digital Pressure Differential Extech Mod. HD700	NMX-CH-003-SCFI	O
Mechanical	Equipment to Measure Differential Pressure	1 inH_2O to 200 inH_2O	0.078 inH_2O	Pressure Cell Brand: Hathaway Model Beta Port-P	NMX-CH-003-SCFI	O
Mechanical	Torque Meter	50 lbf·in to 150 lbf·in (5.65 N·m to 16.95 Nm)	1.3 lb·in (0.15 Nm)	Torque Meter Urrea Mod.6205	ISO 6789-2 (CW & CCW)	O

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Mechanical	Torque Meter	150 lbf·in to 240 lbf·in (16.95 Nm to 27.12 N·m)	1.9 lb·in (0.22 Nm)	Torque Meter Urrea Mod.6205	ISO 6789-2 (CW & CCW)	F, O
Mechanical	Equipment to Measure Torque	20 lbf·in to 200.3 lbf·in (2.26 N·m to 22.6 N·m)	0.79 lb·in (0.09 Nm)	Torsional Torque Calibrator Snap-on, Mod. 16	ISO 6789-2 (CW & CCW)	O
Mechanical	Equipment to Measure Torque	20 N·m to 119 N·m (14.75 lbf·ft to 87.79 lbf·ft)	0.2 N·m (0.14 lbf·ft)	Torsional Torque Calibrator Snap-on, Mod. 16	ISO 6789-2 (CW & CCW)	O
Mechanical	Equipment to Measure Torque	25 N·m to 250 N·m (18.44 lbf·ft to 184.39 lbf·ft)	0.37 N·m (0.27 lb-ft)	Torsional Torque Calibrator Saltus Mod.PRG-T250	ISO 6789-2	O
Mechanical	Equipment to Measure Torque	100 N·m to 299 N·m (73.75 lbf-ft to 220.53 lbf-ft)	0.5 N·m 0.36 lbf·ft	Torque Pair transducer American Mod. RJ-11043N	ISO 6789-2	O
Mechanical	Equipment to Measure Torque	300 N·m to 1 000 N·m (221.27 lbf·ft to 737.56 lbf·ft)	0.9 N·m 0.66 lbf·ft	Torque Pair transducer American Mod. RJ-11043N	ISO 6789-2	O
Mechanical	Equipment to Measure Torque Calibration of Testing Machines	0.1 N·m to 50 N·m	0.65 % of reading	Set of OIML R 111/ Class M2 Weights and Length Arm	ASTM E2624	F, O
Mechanical	Multi Drive Testing	Force: Up to 6 kN	5 % of reading	-Class M1 weights -Tachometer & Velocity Meter Extech Optical Tachometer Adapter Transmille EA003 -Force Calibration a Load Cell and Universal Testing Machine	ISO 7500-1 and ISO 376.	O

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Mechanical	Multi Drive Testing	Velocity: Up to 200 km/hr	1.5 % of reading	-Class M1 weights -Tachometer & Velocity Meter Extech Optical Tachometer Adapter Transmille EA003 -Force Calibration a Load Cell and Universal Testing Machine	ISO 7500-1 and ISO 376	O
Mechanical	Automotive Multi Aiming Station	Distance: Up to 10 000 mm	0.92 mm	Distance Meter Extech Angle Meter Extech Guidelines for Calibration of Dynamometers	CENAM Technical Guide	O
Mechanical	Automotive Multi Aiming Station	Angle: 0° x 4 quad to 90° x 4 quad	0.12°	Distance Meter Extech Angle Meter Extech Guidelines for Calibration of Dynamometers	CENAM Technical Guide	O
Mechanical	Safety Valve	Up to 400 psi (Up to 28 kg/cm²)	0.14 psi (0.01 kg/cm²)	Hathaway Pressure Calibrator Mod.: Beta Gauge II	NOM-093-SCFI	F
Mechanical	Flow Meter	75 L/min to 300 L/min	0.43 L/min	Flow Meter Shentitech STUF300H	ME-008 CEM	F, O
Mechanical	Air Velocity Handheld: Rotational Anemometers Pressure Anemometer Tube Anemometer Thermoelectric Anemometer	1.87 m/s to 28.67 m/s	0.75 m/s	Anemometer TSI ALNOR RVA801 Standard practice for calibration of Type S Pitot Tubes	ASTM D 3796	F, O

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Acoustic	Sound Level Meter	94 dB and 114 dB	1.2 dB	Sound Level Calibrator ND9B @ 1 kHz	IEC 60942	F, O
Time and Frequency	Stopwatch and Timers	s to 36 000 s	7.4 s/day	Stopwatch Control Company Mod. 300 Memory DRAFT	SOP 24-NIST	F, O
Time and Frequency	Tachometer	240 rpm to 1000 rpm (10.45 rad/s to 104.72 rad/s)	0.17 rpm (0.018 rad/s)	Optical Tachometer Adapter Transmille EA003	Calibration Guide by I.N.M. (Institute National of Metrology of Colombia)	F, O
Time and Frequency	Tachometer	1 000 rpm to 60 000 rpm (104.72 rad/s to 6 283.19 rad/s)	1.8 rpm (0.181 rad/s)	Optical Tachometer Adapter Transmille EA003	Calibration Guide by I.N.M. (Institute National of Metrology of Colombia)	F, O
Mass, Force and Weighting Devices	Weights Class M1	20 kg	0.33 g	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	10 kg	170 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	5 kg	83 mg	Class M1 Weights Set Double Substitution	OIML R111	F

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Mass, Force and Weighting Devices	Weights Class M1	2 kg	33 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	1 kg	17 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	500 g	8.3 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	200 g	3.3 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	100 g	1.7 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	50 g	1 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	20 g	0.83 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	10 g	0.67 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	5 g	0.53 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	2 g	0.4 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	1 g	0.33 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	500 mg	0.27 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	200 mg	0.2 mg	Class M1 Weights Set Double Substitution	OIML R111	F

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Mass, Force and Weighting Devices	Weights Class M1	100 mg	0.17 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	50 mg	0.13 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	20 mg	0.1 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M1	10 mg	0.083 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	20 kg	1 000 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	10 kg	550 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	5 kg	270 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	2 kg	100 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	1 kg	53 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	500 g	27 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	200 g	10 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	100 g	5.3 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	50 g	3.3 mg	Class M1 Weights Set Double Substitution	OIML R111	F

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Mass, Force and Weighting Devices	Weights Class M2	20 g	2.5 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M2	10 g	2 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	20 kg	3 300 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	10 kg	1 600 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	5 kg	800 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	2 kg	300 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	1 kg	167 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	500 g	84 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	200 g	34 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	100 g	17 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	50 g	10 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	20 g	8.4 mg	Class M1 Weights Set Double Substitution	OIML R111	F
Mass, Force and Weighting Devices	Weights Class M3	10 g	3.4 mg	Class M1 Weights Set Double Substitution	OIML R111	F

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Mass, Force and Weighting Devices	Mechanical and Electronic Top Loader Balance	0.001 g to 200 g (Res.= 0.000 5 g)	$(4.3 \times 10^{-5} + 3.79 \times 10^{-6}Wt)$ g	Master Weights Class E2	OIML R 76-1	O
Mass, Force and Weighting Devices	Scales	100 g to 500 g (Res.= 0.005 g)	$(7.45 \times 10^{-4} + 4.59 \times 10^{-5}Wt)$ g	Master Weights Class M1	OIML R 76-1	O
Mass, Force and Weighting Devices	Scales	500 g to 1 000 g (Res.= 0.02 g)	$(9.35 \times 10^{-3} + 2.87 \times 10^{-5}Wt)$ g	Master Weights Class M1	OIML R 76-1	O
Mass, Force and Weighting Devices	Scales	1 000 g to 10 000 g (Res.= 0.02 g)	$(3.8 \times 10^{-5}Wt)$ g	Master Weights Class M1	OIML R 76-1	O
Mass, Force and Weighting Devices	Scales	10 000 g to 20 000 g (Res.= 0.2 g)	$(6 \times 10^{-2} + 3.2 \times 10^{-5}Wt)$ g	Master Weights Class M1	OIML R 76-1	O
Mass, Force and Weighting Devices	Scales	20 000 g to 800 000 g (Res.= 1 g)	$(1.44 \times 10^{-2} + 3.43 \times 10^{-5}Wt)$ g	Master Weights Class M1	OIML R111	O
Mass, Force and Weighting Devices	Scales	500 kg to 8 000 kg (Res.= 0.5 kg)	$(4.06 \times 10^{-1} + 4 \times 10^{-6}$ Wt) kg	Master Weights Class M1	Euramet cg-18	O
Mass, Force and Weighting Devices	Scales	8 000 kg to 16 000 kg (Res.= 1 kg)	$(7.87 \times 10^{-1} + 5 \times 10^{-6}Wt)$ kg	Master Weights Class M1	Euramet cg-18 Successive Linkage Method	O
Chemical	Gas Detector Oxygen (O_2)	Up to 100 µmol/mol	2 % of reading	Reference Material Oxygen 15 % Oxygen 18%	IEC-60079-29-2 NOM-SECRE-007	F, O
Chemical	Gas Detector Carbon Monoxide (CO)	Up to 100 µmol/mol	2 % of reading	Reference Material CO_2 60 ppm and CO_2 100 ppm Master Gas RKI Instruments IEC-60079-29-2 NOM-SECRE-007	IEC-60079-29-2 NOM-SECRE-007	F, O

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Chemical	Gas Detector Hydrogen Sulfide (H_2S)	Up to 100 µmol/mol	2 % of reading	Reference Material H_2S 10 ppm and H_2S 25 ppm Master Gas RKI Instruments	IEC-60079-29-2 NOM-SECRE-007	F, O
Chemical	Gas Detector Methane (% LEL)	Up to 100 µmol/mol	2 % of reading	Reference Material Methane 10 %, 20 % and 50 % LEL	IEC-60079-29-2 NOM-SECRE-007	F, O
Chemical	Dynamic Viscometers Rotational Viscometers	72.13 mPa·s to 33 120 mPa·s	0.23 mPa·s	Cannon Oil Viscosity Standard Thermometer Temperature bath	CENAM Technical Guide	F, O
Thermodynamic	Direct Reading Temperature	-50 °C to 350 °C	1.7 °C	Resistance Thermometer with Indicator Hart Scientific Mod. 1521	NMX-CH-70-1993-SCFI	F, O
Thermodynamic	Direct Reading Temperature	150 °C to 199 °C	0.12 °C	Jofra Dry Well	NMX-CH-070	F, O
Thermodynamic	Direct Reading Temperature	200 °C to 300 °C	0.14 °C	Jofra Dry Well	NMX-CH-070	F, O
Thermodynamic	Temperature Measure Thermocouple Type B	600 °C to 1 820 °C	0.56 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type C	10 °C to 2 316 °C	5.2 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type E	-240 °C to 1 000 °C	1.2 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type J	-200 °C to 1 200 °C	1.3 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type K	-190 °C to 1 370 °C	4.6 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O

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FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	CALIBRATION AND MEASUREMENT CAPABILITY EXPRESSED AS AN UNCERTAINTY (±)	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	LOCATION OF ACTIVITY
Thermodynamic	Temperature Measure Thermocouple Type L	-200 °C to 900 °C	1.7 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type N	-190 °C to 1 300 °C	1.3 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type R	0 °C to 1 760 °C	1.3 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type S	0 °C to 1 760 °C	0.91 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type T	-240 °C to 400 °C	0.74 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Thermodynamic	Temperature Measure Thermocouple Type U	-200 °C to 600 °C	1.2 °C	Multifunction Calibration Transmille Model EA001A	Euramet-cg-11	F, O
Electrical	Equipment to Measure DC Voltage	200 mV to 2 V	8.3 µV/V + 3.5 µV	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure DC Voltage	2 V to 220 V	8.3 µV/V + 80 µV	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure DC Voltage	220 V to 1 kV	8.8 µV/V + 0.5 mV	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure AC Voltage	200 mV to 2 V	72 µV/V + 0.6 µV	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure DC Voltage	2 V to 220 V	72 µV/V + 2 µV	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure DC Voltage	220 V to 1 kV	77 µV/V + 140 mV	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure DC Current	200 µA to 22 A	3.7 mA/A	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O

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Metrologia y Servicios MYC, S.A. de C.V.

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Electrical	Equipment to Measure AC Current	200 µA to 22 A	23 mA	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure Frequency	10 kHz to 100 kHz	0.000 1 % of reading	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure Frequency	100 Hz to 10 MHz	0.000 02 % of reading	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure Resistance	0 MΩ to 100 MΩ	0.1 mΩ /Ω	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Equipment to Measure Capacitance	10 nF to 1 µF	5.1 % of reading	Multifunction Calibration Transmille Model 3050A	Euramet-cg-15	F, O
Electrical	Temperature calibration, Indication, and Control. Equipment used with Thermocouple type B	600 °C to 1 820°C	0.45 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type C	10 °C to 2 316 °C	0.35 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type E	-250 °C to 1 000 °C	0.3 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F

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Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type J	-210 °C to 1 200 °C	0.2 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type K	-200 °C to 1 370 °C	0.2 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type L	-200 °C to 900 °C	0.1 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type N	-200 °C to 1 300 °C	0.3 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type R^F	0 °C to 1 760 °C	0.55 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type S	0 °C to 1 760 °C	0.55 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F

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Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type U	-200 °C to 600 °C	0.15 °C	Electrical Simulation of Thermocouple Multifunction Calibration Transmille Model EA001A	Euramet- cg-11	F
Electrical	Temperature Calibration, Indication, and Control. Equipment used with Thermocouple Type T	-250 °C to 400 °C	0.4 °C	Multifunction Calibration Transmille Model EA001A Electrical Simulation of Thermocouple	Euramet-cg-11	F

1. The CMC (Calibration and Measurement Capability) 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 CMC 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.

2. The laboratories range of calibration capability for all disciplines for which they are 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 CABs fixed facility
O	Conformity assessment activity is performed onsite at the CABs customer location

4. Measurement uncertainties obtained for calibrations performed at customer sites can be expected to be larger than the measurement uncertainties obtained at the laboratories 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 laboratories 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.