

PERRY JOHNSON LABORATORY ACCREDITATION, INC.

Certificate of Accreditation

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

Servicio Industrial de Calibración SIDEC México, S.A. de C.V.
Calle Fernando Montes de Oca # 848, Colonia Latinoamericana
Saltillo, Coahuila, México. C.P. 25270

*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, Fluid Quantities, Thermodynamic, Mass, Force and
Weighing Devices, Optical, Acoustic, 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:

Initial Accreditation Date:

Issue Date:

Expiration Date:

March 30, 2012

May 20, 2026

July 31, 2028

Accreditation No.:

Certificate No.:

55366

L26-447

Tracy Szerszen
President

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

*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.pjllabs.com*



Certificate of Accreditation: Supplement

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Calle Fernando Montes de Oca # 848, Colonia Latinoamericana

Saltillo, Coahuila, México. C.P. 25270

Contact Name: Yesenia Gonzalez. Phone: 844-149-1305

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 ($\pm$) ¹	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Dimensional	Outside Micrometer	0.05 in to 40 in	$(28.8 + 2.36L) \mu\text{in}$	Gage Blocks	JIS B 7502	F1, F2	F, O
Dimensional	Outside Micrometer	0.5 mm to 1 016 mm	$(7.33 \times 10^{-1} + 2.35 \times 10^{-3}L) \mu\text{m}$	Gage Blocks	JIS B 7502	F1, F2	F, O
Dimensional	Inside Micrometer	0.05 in to 20 in	$(57.72 + 7.98 \times 10^{-1}L) \mu\text{in}$	Gage Blocks	JIS B 7502	F1, F2	F, O
Dimensional	Inside Micrometer	0.05 mm to 508 mm	$(1.47 + 7.97 \times 10^{-4}L) \mu\text{m}$	Gage Blocks	JIS B 7502	F1, F2	F, O
Dimensional	Bore Gages	0.7 in to 16 in	230 μin	Dial Gage Tester Ring Gage	JIS B 7503 JIS B 7515	F1, F2	F, O
Dimensional	Calipers	0.05 in to 40 in	$(298.97 + 3.03L) \mu\text{in}$	Gage Blocks	JIS B 7507	F1, F2	F, O
Dimensional	Calipers	0.5 mm to 1 016 mm	$(7.37 + 3.02 \times 10^{-3}L) \mu\text{m}$	Gage Blocks	JIS B 7507	F1, F2	F, O
Dimensional	Height Gage	0.05 in to 40 in	$(5.16 \times 10^{-1} + 3.09L) \mu\text{in}$	Gage Blocks	JIS B 7517	F1, F2	F, O
Dimensional	Height Gage	0.5 mm to 1 016 mm	$(4.01 \times 10^{-2} + 2.57 \times 10^{-3}L) \mu\text{m}$	Gage Blocks	JIS B 7517	F1, F2	F, O
Dimensional	Micrometers Heads	0.05 in to 1 in	58 μin	Gage Blocks	JIS B 7502	F1, F2	O
Dimensional	Optical Comparator (X Axis Linearity)	200 mm	$(1.43 + 5 \times 10^{-3}L) \mu\text{m}$	Glass Scale	JIS B 7184	F1, F2	O
Dimensional	Optical Comparator (Y Axis Linearity)	200 mm	$(1.43 + 5 \times 10^{-3}L) \mu\text{m}$	Glass Scale	JIS B 7184	F1, F2	O
Dimensional	Optical Comparator (Magnification)	5X	0.05 % of magnification	Glass Scale	JIS B 7184	F1, F2	O
Dimensional	Optical Comparator (Magnification)	10X	0.05 % of magnification	Glass Scale	JIS B 7184	F1, F2	O
Dimensional	Optical Comparator (Magnification)	20X	0.05 % of magnification	Glass Scale	JIS B 7184	F1, F2	O
Dimensional	Optical Comparator (Angularity)	0° to 180°	0.006 6°	Angle Block Set	JIS B 7184	F1, F2	O



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Dimensional	Optical Comparator (Axis Squareness)	4 in of Y axis travel or maximum Y axis travel if maximum is less than 4 in	310 μ m	Glass Scale	JIS B 7184	F1, F2	O
Dimensional	Measuring Tape	0.1 m to 50 m	0.29 mm	Master Rule, Optical Reticle,	JIS B 7512	F1, F2	F
Dimensional	Rules	0.01 m to 2 m	0.29 mm	Master Rule, Optical Reticle	JIS B 7516	F1, F2	F
Dimensional	Digital Indicators	0.000 5 in to 1 in	63 μ m	Dial Gage Tester	JIS B 7503	F1, F2	F
Dimensional	Measuring Microscopes – (Linear X/Y Displacement, with 5X Magnification)	1 mm to 10 mm	1.5 μ m	Glass Scale	JIS B 7153	F1, F2	O
Dimensional	Measuring Microscopes – (Linear X/Y Displacement, with 10X Magnification)	1 mm to 10 mm	1.6 μ m	Glass Scale	JIS B 7153	F1, F2	O
Dimensional	Measuring Microscopes – (Linear X/Y Displacement, with 20X Magnification)	1 mm to 10 mm	1.7 μ m	Glass Scale	JIS B 7153	F1, F2	O
Dimensional	Feeler Gages	0.001 5 in to 0.2 in	29 μ m	Micrometer	JIS B 7524	F1, F2	F
Dimensional	Pin Gages	0.01 in to 3 in	5 μ m	Linear Height	ASME B 89 1.5	F1, F2	F
Dimensional	Ring Gage	0.01 in to 3 in	5 μ m	Linear Height	ASME B 89 1.5	F1, F2	F



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Dimensional	Thread Plug Gage (Pitch Diameter)	6-32 to 4-14	70 μm	Wires Mitutoyo Mod. 313-101 and Digital Micrometer	Euramet_cg-10	F1, F2	F, O
Dimensional	Thread Plug Gage (Major Diameter)	6-32 to 4-14	38 μm	Digital Micrometer	Euramet_cg-10	F1, F2	F, O
Dimensional	Coating Thickness Standard	24 μm to 1 520 μm	0.82 μm	Micrometer	JIS B 7524	F1, F2	F, O
Dimensional	Surface Granite (Repeat Reading)	0.001 in to 0.1 in	0.000 02 in	Repeat-o-Meter	JISB 7513	F1, F2	F, O
Dimensional	Coating Thickness Gage	24 μm to 1 520 μm	1 μm	Coating Thickness Standard	ASTM E376	F1, F2	F, O
Dimensional	Rings, Bolts and Smooth Master Discs (Class ZZ, Z, Y, X, XX)	2 mm to 304.8 mm	$(2.319 \times 10^{-1} + 2.03 \times 10^{-2}L) \mu\text{m}$	ULM 600-E Brand: Mahr Series: 1666/16	ASME B 89 1.5 ASME B 89 1.6	F1, F2	F
Dimensional	Threaded Rings and Bolts (Class ZZ, Z, Y, X, XX)	0.2 mm to 485 mm	$(6.325 \times 10^{-1} + 1.95 \times 10^{-2}L) \mu\text{m}$	ULM 600-E Brand: Mahr Series: 1666/16	ANSI/ASME B1.16M-1984	F1, F2	F
Dimensional	Tapered Rings, Bolts and Smooth Master Discs	2 mm to 304.8 mm	$(2.319 \times 10^{-1} + 2.03 \times 10^{-2}L) \mu\text{m}$	ULM 600-E Brand: Mahr Series: 1666/16	JIS B 0253	F1, F2	F
Dimensional	Tapered Threaded Rings and Bolts	0.2 mm to 485 mm	$(6.325 \times 10^{-1} + 1.95 \times 10^{-2}L) \mu\text{m}$	ULM 600-E Brand: Mahr Series: 1666/16	ASME B1.20.1 ANSI/ASME B1.16M-1984	F1, F2	F
Dimensional	Gage Block (Grade 0, 1 and 2)	0.5 in to 4 in	$(2.478\ 8 + 0.025L) \mu\text{in}$	2150076 Brand: Mahr	NMX-CH-3650 ASME B 89.1.9	F1, F2	F



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Dimensional	CMM Performance (Verification Linear displacement) (X, Y and Z axis)	20 mm to 1 500 mm	$(0.150\ 9 + 0.001\ 4L)\ \mu\text{m}$	Check Master with Test Sphere	ISO-10360-2	F1, F2	O
Dimensional	CMM Probe	29.95 mm	$0.024\ \mu\text{m}$	Check Master with Test Sphere	ISO-10360-2	F1, F2	O
Dimensional	Articulated Arm	100 mm to 2 400 mm	$(4.1 + 2L)\ \mu\text{m}$	Check Master with Test Sphere	ISO-10360-2	F1, F2	O
Dimensional	Levels	Up to 25 mm/m	$0.005\ \text{mm/m}$	Reference Flat Surface	DIN 877	F1, F2	O
Dimensional	Direct Verification of Durometer Hardness Tester (Types A, B, C, D, E, DO M, O, OO, OOO & OOO-S)	1.23 mm to 5.04 mm	$1.5\ \mu\text{m}$	Profile Projector 20X	ASTM D-2240	F1, F2	F, O
Dimensional	Direct Verification of Durometer Hardness Tester (Types A, B, C, D, E, DO M, O, OO, OOO & OOO-S) (Indenter Diameter)	0.088 mm to 13 mm	$1.5\ \mu\text{m}$	Profile Projector 20X	ASTM D-2240	F1, F2	F, O
Dimensional	Direct Verification of Durometer Hardness Tester (Types A, B, C, D, E, DO, M, O, OO, OOO & OOO-S) (Indenter Tip Radius)	0.088 mm to 13 mm	$1.5\ \mu\text{m}$	Profile Projector 20X	ASTM D-2240	F1, F2	F, O



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Dimensional	Direct Verification of Durometer Hardness Tester (Types A, B, C, D, E, DO, M, O, OO, OOO & OOO-S) (Indenter Tip Diameter)	0.088 mm to 13 mm	1.5 μ m	Profile Projector 20X	ASTM D-2240	F1, F2	F, O
Dimensional	Direct Verification of Durometer Hardness Tester (Types A, B, C, D, E, DO, M, O, OO, OOO & OOO-S) (Indenter Tip Angle)	29.5° to 35.25°	0.006 6°	Weighing Balance Ohaus ARA 520	ASTM D-2240	F1, F2	F, O
Dimensional	Roughness Meter (Ra)	117 μ m	1.6 μ m	Roughness Master: Specimen	JIS B 0601	F1, F2	F, O
Dimensional	Roughness Meter (Ry)	370 μ m	4.2 μ m	Roughness Master: Specimen	JIS B 0601	F1, F2	F, O
Mechanical	Torque Wrench (Dial/ Click / Digital) and Torque Screwdriver	1.13 N•m to 670 N•m	0.44 % of reading	Torque Transducer, Torque's Analyzer,	CEM ME-004	F1, F2	F, O
Mechanical	Torque Wrench (Dial/ Click / Digital) and Torque Screwdriver	670 N•m to 980 N•m	2 % of reading	Parallelepiped Set	CEM ME-004	F1, F2	F, O
Mechanical	Torque Transducer	1.13 N•m to 30 N•m	0.44 % of reading	Arms and Weights	Euramet-cg-14	F1, F2	F
Mechanical	Torque Transducer	30 N•m to 300 N•m	0.44 % of reading	Arms and Weights	Euramet-cg-14	F1, F2	F
Mechanical	Torque Transducer	300 N•m to 980 N•m	2 % of reading	Arms and Weights	Euramet-cg-14	F1, F2	F



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Mechanical	Pressure Gages	3 psi to 300 psi	0.58 psi	Pressure Calibrator: Druck Digital Calibrator: Heise Transducer Ashcroft	NOM-013-SCFI	F1, F2	F, O
Mechanical	Pressure Gages	301 psi to 10 000 psi	0.59 psi	Pressure Calibrator: Druck Digital Calibrator: Heise Transducer Ashcroft	NOM-013-SCFI	F1, F2	F, O
Mechanical	Pressure Gages	10 000 psi to 15 000 psi	0.32 % of reading	Pressure Calibrator: Druck Digital Calibrator: Heise Transducer Ashcroft	NOM-013-SCFI	F1, F2	F, O
Mechanical	Differential Pressure Gage	0.03 inH ₂ O to 20 inH ₂ O	9.7 x 10 ³ inH ₂ O	Fluke 721	NOM-013-SCFI	F1, F2	F, O
Mechanical	Differential Pressure Gage	6 Pa to 5 000 Pa	2.4 Pa	Fluke 721	NOM-013-SCFI	F1, F2	F, O
Mechanical	Vacuum Meters	-10 psi to 3 psi	0.008 3 psi	Pressure Calibrator Druck	NOM-013-SCFI	F1, F2	F, O
Mechanical	Pressure Transducer, Pressure Transmitter & Pressure Recorder	3 psi to 100 psi	0.047 psi	Pressure Calibrator Druck, Digital Calibrator Heise Transducer Ashcroft Fluke Transducers	NOM-013-SCFI	F1, F2	F, O



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Mechanical	Pressure Transducer, Pressure Transmitter & Pressure Recorder	100 psi to 300 psi	0.055 psi	Pressure Calibrator Druck, Digital Calibrator Heise Transducer Ashcroft Fluke Transducers	NOM-013-SCFI	F1, F2	F, O
Mechanical	Pressure Transducer, Pressure Transmitter & Pressure Recorder	300 psi to 500 psi	0.073 psi	Pressure Calibrator Druck, Digital Calibrator Heise Transducer Ashcroft Fluke Transducers	NOM-013-SCFI	F1, F2	F, O
Mechanical	Pressure Transducer, Pressure Transmitter & Pressure Recorder	500 psi to 3 000 psi	0.085 psi	Pressure Calibrator Druck, Digital Calibrator Heise Transducer Ashcroft Fluke Transducers	NOM-013-SCFI	F1, F2	F, O
Mechanical	Pressure Transducer, Pressure Transmitter & Pressure Recorder	3 000 psi to 5 000 psi	0.13 psi	Pressure Calibrator Druck, Digital Calibrator Heise Transducer Ashcroft Fluke Transducers	NOM-013-SCFI	F1, F2	F, O
Mechanical	Pressure Transducer, Pressure Transmitter & Pressure Recorder	5 000 psi to 10 000	0.59 psi	Pressure Calibrator Druck, Digital Calibrator Heise Transducer Ashcroft	NOM-013-SCFI	F1, F2	F, O
Mechanical	Indirect Verification of Brinnell Hardness Tester (HBW 10/3000)	175 HBW to 463 HBW	2.1 HBW	Test Blocks	ISO 6506-2 ASTM E10	F1, F2	F, O



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Mechanical	Indirect Verification of Rockwell Hardness Testers (HRC)	20 HRC to 25 HRC	0.19 HRC	Test Blocks	ISO 6508-2 ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Testers (HRC)	25 HRC to 45 HRC	0.35 HRC	Test Blocks	ISO 6508-2 ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Testers (HRC)	45 HRC to 70 HRC	0.32 HRC	Test Blocks	ISO 6508-2 ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Testers (HRB)	35 HRB to 40 HRB	0.45 HRB	Test Blocks	ISO 6508-2 ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Testers (HRB)	40 HRB to 70 HRB	0.33 HRB	Test Blocks	ISO 6508-2 ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Rockwell Hardness Testers (HRB)	70 HRB to 100 HRB	0.33 HRB	Test Blocks	ISO 6508-2 ASTM E18	F1, F2	F, O
Mechanical	Indirect Verification of Vickers Hardness Tester (HV)	100 HV to 800 HV	1.1 HV	Test Block	ISO 6507-2 ASTM E384 ASTM E92	F1, F2	F, O
Mechanical	Immersion Densimeter	1 g/cm ³ to 1.79 g/cm ³	11 x 10 ⁻⁴ g/cm ³	Doubly Distilled Water Weight Set E2, Precision Balance Cuckow Method	CENAM Technical Guide	F1, F2	F, O
Mechanical	Anemometer	0.6 m/s to 6.3 m/s	0.2 m/s	Electronic Anemometer Lutron	ISO 17713-1 ASTM D5096	F1, F2	F, O



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Mechanical	Accelerometer	14.14 m/s ²	2 % of reading	Vibration Calibrator	ISO 16063	F1, F2	F, O
Mechanical	Flow Meters	30 L/min to 200 L/min	3.3 L/min	Master Containers, Tiner, Ultrasonic Flowmeter	NOM-012-SCFI and CENAM Technical Guide	F1, F2	F, O
Mechanical	Flow Meters	200 L/min to 933 L/min	0.02 % of reading	Krohne Flow Meter	CENAM Technical Guide	F1, F2	F, O
Mechanical	Air Flow Meter	5 slpm to 500 slpm	1 slpm + 0.8 % of reading	Alicat Mass Flow Meters	CEM ME-009	F1, F2	F, O
Mechanical	Gas Flow Meter	10 m ³ /h to 150 m ³ /h	1.8 % of reading	Vortex Flow Meter	CEM ME-009	F1, F2	O
Mechanical	Master Leak	0.02 cm ³ /h to 200 cm ³ /h	0.35 % of reading	Alicat Mass Flow Meters, Fluke 721	CEM ME-009	F1, F2	F, O
Fluid Quantities	Micropipettes	100 μ L to 1 000 μ L	1.5 μ L	Analytic Balance Doubly Distilled Water.	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Pipettes	1 mL	0.009 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Pipettes	2 mL	0.012 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Pipettes	5 mL	0.018 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F



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Fluid Quantities	Pipettes	10 mL	0.023 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Pipettes	20 mL	0.035 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Pipettes	25 mL	0.035 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Pipettes	50 mL	0.057 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Burettes	10 mL	0.023 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Burettes	25 mL	0.057 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Burettes	50 mL	0.057 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Burettes	100 mL	0.12 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	25 mL	0.046 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F



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Fluid Quantities	Beaker	50 mL	0.046 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	100 mL	0.11 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	150 mL	0.11 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	250 mL	0.11 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	400 mL	0.28 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	600 mL	0.28 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	800 mL	0.46 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	1 000 mL	0.46 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Beaker	2 000 mL	0.69 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F



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Calle Fernando Montes de Oca # 848, Colonia Latinoamericana

Saltillo, Coahuila, México. C.P. 25270

Contact Name: Yesenia Gonzalez. Phone: 844-149-1305

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Fluid Quantities	Flask	1 mL	0.029 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	2 mL	0.029 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	5 mL	0.029 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	10 mL	0.029 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	20 mL	0.029 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	25 mL	0.046 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	50 mL	0.046 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	100 mL	0.11 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	500 mL	0.28 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F



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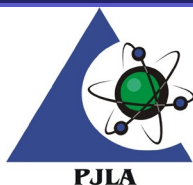
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Fluid Quantities	Flask	1 000 mL	0.46 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Flask	2 000 mL	0.69 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	5 mL	0.005 7 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	10 mL	0.16 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	25 mL	0.29 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	50 mL	0.58 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	100 mL	0.58 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	250 mL	1.2 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	500 mL	2.9 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F



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Fluid Quantities	Test Tube	1 000 mL	5.8 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Fluid Quantities	Test Tube	2 000 mL	12 mL	Analytic Balance Doubly Distilled Water	CENAM Technical Guide	F1, F2	F
Thermodynamic	Oven	20 °C to 1 000 °C	0.2 °C	Thermocouple Type S: RTD Pt100 and Multimeter Keithley	ASTM E220	F1, F2	F, O
Thermodynamic	Muffles	20 °C to 1 000 °C	0.2 °C	Thermocouple Type S: RTD Pt100 and Multimeter Keithley	ASTM E220	F1, F2	F, O
Thermodynamic	Hot Rooms	20 °C to 100 °C	0.21 °C	RTD Pt100 and Multimeter Keithley	ASTM E220	F1, F2	O
Thermodynamic	Cold Rooms	-20 °C to 20 °C	1.5 °C	RTD Pt100 and Multimeter Keithley	ASTM E220	F1, F2	O
Thermodynamic	Liquid in Glass Thermometers	-15 °C to 200 °C	0.21 °C	RTD Pt100: and Multimeter Keithley, Temperature Baths, Drywell, Oven	CENAM Technical Guide	F1, F2	F, O
Thermodynamic	Bimetallic Thermometers	-15 °C to 50 °C	0.2 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F



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Thermodynamic	Bimetallic Thermometers	50 °C to 400 °C	0.23 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F
Thermodynamic	Bimetallic Thermometers	400 °C to 500 °C	0.44 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F
Thermodynamic	Thermocouple Type J	0 °C to 50 °C	0.2 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F
Thermodynamic	Thermocouple Type J	50 °C to 400 °C	0.23 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F
Thermodynamic	Thermocouple Type J	400 °C to 1 000 °C	0.44 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F



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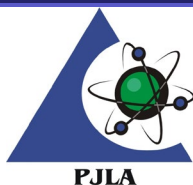
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Thermodynamic	Thermocouple Type K	0 °C to 50 °C	0.2 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F
Thermodynamic	Thermocouple Type K	50 °C to 400 °C	0.23 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F
Thermodynamic	Thermocouple Type K	400 °C to 1 000 °C	0.44 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths, Drywell Oven	ASTM E220	F1, F2	F
Thermodynamic	RTD - Resistance Temperature Detector	-15 °C to 500 °C	0.16 °C	Thermocouple Type S, RTD Pt100 and Multimeter Keithley; Temperature Baths Drywell, Oven	ASTM E644-11	F1, F2	F
Thermodynamic	Infrared Thermometer, Pyrometers	-30 °C to 150 °C	1.2 °C	Blackbody Fluke 9133	ASTM E 1256	F1, F2	F
Thermodynamic	Infrared Thermometer, Pyrometers	35 °C to 500 °C	1.3 °C	Blackbody Fluke 4181	ASTM E 1256	F1, F2	F
Thermodynamic	Infrared Thermometer, Pyrometers	500 °C to 1 000 °C	1.8 °C	Thermocouple Type S and Multimeter Keithley; Oven	ASTM E 1256	F1, F2	F



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Thermodynamic	Thermo-Hygrometers (Temperature)	20 °C to 60 °C	0.19 °C	Thermo-Hygrometer Chamber Generator	ASTM E104-02	F1, F2	F
Thermodynamic	Hygrometers	10 % RH to 90 % RH	1.6 % RH	Thermo-Hygrometer Chamber Generator	ASTM E104-02	F1, F2	F
Thermodynamic	Humidity Tester	10 % RH to 90 % RH	1.6 % RH	Thermo-Hygrometer Chamber Generator	ASTM E104-02	F1, F2	F
Thermodynamic	Humidity Chamber	10 % RH to 90 % RH	1.6 % RH	Thermo-Hygrometer Chamber Generator	ASTM E104-02	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	1 g	0.18 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	2 g	0.25 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	5 g	0.32mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	10 g	0.4 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	20 g	0.62 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	50 g	0.75 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F



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Mass, Force and Weighing Devices	Weights M1, M2, M3	100 g	1.2 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	200 g	2.3 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M1, M2, M3	20 000 g	330 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M2, M3	500 g	6.3 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M2, M3	1 kg	11mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M2, M3	2 kg	18 mg	Mass Class F1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M3	5 kg	45 mg	Mass Class M1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M3	10 kg	110 mg	Mass Class M1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights M3	20 kg	180 mg	Mass Class M1 Analytical Balance	OIML R 111 ABBA Method	F1, F2	F



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Mass, Force and Weighing Devices	Weights F1	1 g	0.03 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	2 g	0.04 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	5 g	0.05 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	10 g	0.06 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	20 g	0.08 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	50 g	0.1 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	100 g	0.14 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	200 g	0.3 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F1	500 g	0.8 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F



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Mass, Force and Weighing Devices	Weights F1	1 kg	1.4 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	1 g	0.1 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	2 g	0.11 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	5 g	0.14 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	10 g	0.12 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	20 g	0.18 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	50 g	0.24 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	100 g	0.45 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	200 g	1 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F



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Mass, Force and Weighing Devices	Weights F2	500 g	2.3 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	1 kg	4.5 mg	Mass Class E2 Precision Balance	OIML R 111 ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Weights F2	2 kg	5 mg	Mass Class F1 and Analytic Balance	OIML R 111 / ABBA Method	F1, F2	F
Mass, Force and Weighing Devices	Dynamometers	0.05 kgf to 100 kgf	0.012 kgf	Weight Set F1, Weights Parallelepiped M1	NMX-CH-7500-1-IMNC	F1, F2	F
Mass, Force and Weighing Devices	Force Measurement Instrument (Tensile and Compression)	5 kgf to 5 000 kgf	0.23 % of reading	Load Cell, Type S	NMX-CH-7500-1-IMNC	F1, F2	F
Mass, Force and Weighing Devices	Force Measurement Instrument (Tensile and Compression)	5 000 kgf to 30 000 kgf	0.23 % of reading	Cylindrical Load Cell	NMX-CH-7500-1-IMNC	F1, F2	F
Mass, Force and Weighing Devices	Load Cells	5 kgf to 500 kgf	0.23 % of reading	Load Cell, Type S	ISO 376	F1, F2	F
Mass, Force and Weighing Devices	Balance	1 mg to 100 g (Res.= 0.001 g)	$(8.17 \times 10^{-4} + 4.15 \times 10^{-8} \text{Wt})$ g	Weight Set F1	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Balance	0.1 g to 1 000 g (Res.= 0.01 g)	$(8.17 \times 10^{-3} + 4.23 \times 10^{-10} \text{Wt})$ g	Mass Class F1	Euramet cg-18	F1, F2	O



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Mass, Force and Weighing Devices	Balance	0.2 g to 5 000 g (Res.= 0.05 g)	$(4.08 \times 10^{-2} + 3.8 \times 10^{-7} \text{Wt}) \text{ g}$	Mass Class F1	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Balance	1 mg to 220 g (Res.= 0.000 1 g)	$(8.26 \times 10^{-5} + 6.07 \times 10^{-7} \text{Wt}) \text{ g}$	Mass Class E2	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Balance	1 mg to 1 000 g (Res.= 0.001 g)	$(8.17 \times 10^{-4} + 3.51 \times 10^{-7} \text{Wt}) \text{ g}$	Mass Class E2	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Scales	0.01 kg to 10 kg (Res.= 0.001 kg)	$(8.17 \times 10^{-4} + 4.28 \times 10^{-6} \text{Wt}) \text{ kg}$	Weight Set F1 Parallelepiped Weight Class M1 Successive Link	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Scales	1 kg to 100 kg (Res.= 0.02 kg)	$(1.63 \times 10^{-2} + 2.08 \times 10^{-6} \text{Wt}) \text{ kg}$	Weight Set F1 Parallelepiped Weight Class M1 Successive Link	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Scales	100 kg to 2 000 kg (Res.= 0.2 kg)	$(1.63 \times 10^{-1} + 4.24 \times 10^{-6} \text{Wt}) \text{ kg}$	Weight Set F1 Parallelepiped Weight Class M1 Successive Link	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Scales	200 kg to 5 000 kg (Res.= 0.5 kg)	$4.07 \times 10^{-1} + 4.2 \times 10^{-6} \text{Wt}) \text{ kg}$	Weight Set F1 Parallelepiped Weight Class M1 Successive Link	Euramet cg-18	F1, F2	O



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Mass, Force and Weighing Devices	Scales	500 kg to 10 000 kg (Res.= 5 kg)	$(4.09 + 3.67 \times 10^{-6} \text{Wt}) \text{ kg}$	Weight Set F1 Parallelepiped Weight Class M1 Successive Link	Euramet cg-18	F1, F2	O
Mass, Force and Weighing Devices	Scales	10 000 kg to 25 000 kg (Res.= 5 kg)	$(4.03 + 9.2 \times 10^{-6} \text{Wt}) \text{ kg}$	Mass Parallelepiped Class M1, Mass Parallelepiped Class M3: MT, Fisa, Revolt, w/or Model and Method of Successive Link	CENAM Technical Guide PB-MAS-02	F1, F2	O
Mass, Force and Weighing Devices	Scales	25 000 kg to 75 000 kg (Res. = 10 kg)	$(7.86 + 1.57 \times 10^{-5} \text{Wt}) \text{ kg}$	Mass Class M3 with /or Model and Method of Successive Link	CENAM Technical Guide PB-MAS-02	F1, F2	O
Mass, Force and Weighing Devices	Direct Verification of Durometer Hardness (Types A, B, E & O) (Durometer Indentor Spring)	0.55 N to 8.05 N	0.000 15 N	Weighing Scale Ohaus CS 5000	ASTM D-2240	F1, F2	F, O
Mass, Force and Weighing Devices	Direct Verification of Durometer Hardness (Types C, D, DO) (Durometer Indentor Spring)	4.445 N to 44.45 N	0.015 N	Weighing Scale Ohaus CS 5000	ASTM D-2240	F1, F2	F, O



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Calle Fernando Montes de Oca # 848, Colonia Latinoamericana

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Contact Name: Yesenia Gonzalez. Phone: 844-149-1305

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Mass, Force and Weighing Devices	Direct Verification of Durometer Hardness (Type M) (Durometer Indentor Spring)	0.324 N to 0.765 N	0.000 15 N	Weighing Scale Ohaus CS 5000	ASTM D-2240	F1, F2	F, O
Mass, Force and Weighing Devices	Direct Verification of Durometer Hardness (Type OO, OOO) (Durometer Indentor Spring)	0.203 N to 1.111 N	0.000 15 N	Weighing Scale Ohaus CS 5000	ASTM D-2240	F1, F2	F, O
Mass, Force and Weighing Devices	Direct Verification of Durometer Hardness (Types OOO-S) (Durometer Indentor Spring)	0.167 N to 1.932 N	0.000 15 N	Weighing Scale Ohaus CS 5000	ASTM D-2240	F1, F2	F, O
Optical	Luxmeter	100 lux to 3 500 lux	12 lux	Luxmeter Master Light Intensity Meter Calibration System	Comparison Method PB-OPT-01	F1, F2	F, O
Optical	Spectral Reflectance Color Spectrometers, (Reflectance) (λ)	400 nm to 700 nm	0.5 nm	Ceramic Color Standards (Series II)	CENAM Technical Guide	F1, F2	F, O
Optical	Spectral Reflectance Color Spectrometers, (Reflectance) (ρ)	0 % to 100 %	0.8 Units	Ceramic Color Standards (Series II)	CENAM Technical Guide	F1, F2	F, O



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Optical	Spectral Reflectance Color Spectrometers, (Reflectance) (L: CIE)	0 Units to 100 Units	0.2 Units	Ceramic Color Standards (Series II)	CENAM Technical Guide	F1, F2	F, O
Optical	Spectral Reflectance Color Spectrometers, (Reflectance) (a*: CIE)	-80 Units to 80 Units	0.1 Units	Ceramic Color Standards (Series II)	CENAM Technical Guide	F1, F2	F, O
Optical	Spectral Reflectance Color Spectrometers, (Reflectance) (b*: CIE)	-80 Units to 80 Units	0.1 Units	Ceramic Color Standards (Series II)	CENAM Technical Guide	F1, F2	F, O
Optical	Spectrophotometer (Transmittance) (λ)	230 nm to 700 nm	0.002 8 nm	Neutral Density Filters Homium Oxide Glass	CENAM Technical Guide	F1, F2	F, O
Optical	Spectrophotometer (Transmittance) (τ)	1 % to 95 %	0.002 8 nm	Neutral Density Filters Homium Oxide Glass	CENAM Technical Guide	F1, F2	F, O
Optical	Gloss Meter (@ 20°)	96 GU	0.19 GU	Gloss Calibration Standard	ISO 2813	F1, F2	F, O
Optical	Gloss Meter (@ 60°)	97 GU	0.18 GU	Gloss Calibration Standard	ISO 2813	F1, F2	F, O
Optical	Gloss Meter (@ 85°)	99 GU	0.25 GU	Gloss Calibration Standard	ISO 2813	F1, F2	F, O
Optical	Refractrometer	10 Brix to 90 Brix	0.15 Brix	Refraction Master	OILM-108	F1, F2	F, O



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Acoustic	Sound Meter (Fixed Points)	94 db	0.18 dB	Sound Level Calibrator CEM Model SC-05 Class 2	IEC 61672-1	F1, F2	F, O
Acoustic	Sound Meter (Fixed Points)	114 db	0.18 dB	Sound Level Calibrator CEM Model SC-05 Class 2	IEC 61672-1	F1, F2	F, O
Time and Frequency	Tachometer (Contact Type)	35 rpm to 2 700 rpm	0.7 rpm	Tachometer Master Direct comparison Mechanical Generation System	PB-ELE-11	F1, F2	F, O
Time and Frequency	Tachometer (Non-contact Type)	6 rpm to 96 000 rpm	(0.007 6 % of reading + 6.97×10^{-1}) rpm	Fluke 753 Frequency Generation System	PB-ELE-11	F1, F2	F, O
Time and Frequency	Timer and Stopwatch	Up to 86 400 s	6.7 s/day	Stopwatch	NIST SP 960-12	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	0.01 Hz to 119.99 Hz	0.005 2 % of reading	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	120 Hz to 1 199.9 Hz	0.005 2 % of reading	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	1.2 kHz to 11.999 kHz	0.005 2 % of reading	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	12 kHz to 119.99 kHz	0.005 2 % of reading	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	120 kHz to 500 kHz	0.005 2 % of reading	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Time and Frequency	Equipment to Output Frequency	20 Hz to 1 MHz	0.01 % of reading	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	25 Hz to 100 Hz	0.012 Hz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	250 Hz to 1000 Hz	0.11 Hz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	2.5 kHz to 10 kHz	0.001 1 kHz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Measure Frequency	20 kHz to 45 kHz	0.011 kHz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Output Frequency	3 Hz to 10 Hz	0.011 Hz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Output Frequency	20 Hz to 100 Hz	0.012 Hz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Output Frequency	200 Hz to 1000 Hz	0.11 Hz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Output Frequency	2 kHz to 20 kHz	0.002 3 kHz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Time and Frequency	Equipment to Output Frequency	25 kHz to 45 kHz	0.005 9 kHz	Fluke 753	Euramet-cg-15	F1, F2	F, O
Chemical	pH Meters	4 pH	0.012 pH	Reference Material for pH: (Buffer Solutions)	NMX-AA-008-SCFI	F1, F2	F, O
Chemical	pH Meters	7 pH	0.012 pH	Reference Material for pH: (Buffer Solutions)	NMX-AA-008-SCFI	F1, F2	F, O
Chemical	pH Meters	10 pH	0.013 pH	Reference Material for pH: (Buffer Solutions)	NMX-AA-008-SCFI	F1, F2	F, O



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Chemical	Conductivity Meters (Fixed Points)	146 μ S/cm	2 μ S/cm	Reference Material for Electrolytic Conductivity	PROY-NMX-AA-093-SCFI	F1, F2	F, O
Chemical	Conductivity Meters (Fixed Points)	1 413 μ S/cm	5 μ S/cm	Reference Material for Electrolytic Conductivity	PROY-NMX-AA-093-SCFI	F1, F2	F, O
Chemical	Conductivity Meters (Fixed Points)	12 880 μ S/cm	50 μ S/cm	Reference Material for Electrolytic Conductivity	PROY-NMX-AA-093-SCFI	F1, F2	F, O
Chemical	Viscometers (Dynamic Rotational)	6 024 mPa·s	27 mPa·s	Reference Material for Viscosity	CENAM Technical Guide	F1, F2	F, O
Chemical	Viscometers (Dynamic Rotational)	16 500 mPa·s	73 mPa·s	Reference Material for Viscosity	CENAM Technical Guide	F1, F2	F, O
Chemical	Viscometers (Dynamic Rotational)	33 680 mPa·s	150 mPa·s	Reference Material for Viscosity	CENAM Technical Guide	F1, F2	F, O
Chemical	Gas Detector Carbon Monoxide (CO)	60 μ mol/mol	1.8 μ mol/mol	Gas Standard	CEM QU-012	F1, F2	F, O
Chemical	Gas Detector Hydrogen Sulfide (H ₂ S)	20 μ mol/mol	2.3 μ mol/mol	Gas Standard	CEM QU-012	F1, F2	F, O
Chemical	Gas Detector Oxygen (O ₂)	15 cmol/mol	0.31 cmol/mol	Gas Standard	CEM QU-012	F1, F2	F, O
Chemical	Gas Detector Methane (CH ₄)	1.45 cmol/mol	0.032 cmol/mol	Gas Standard	CEM QU-012	F1, F2	F, O
Chemical	Breathalyzer	0.05 mg/L to 0.4 mg/L	0.006 mg/L	Reference Material	OIMLR-126	F1, F2	F, O
Electrical	Magnetometer, Gaussmeter or	500 Gauss	10 Gauss	Gauss Meter Tesla Tester Surface	INTI Overview of Permanent Magnets	F1, F2	F, O



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	Teslameter			Magnetic Field Measuring and Reference Magnetic Field	and their Characterization		
Electrical	Magnetometer, Gaussmeter or Teslameter	2 000 Gauss	19 Gauss	Gauss Meter Tesla Tester Surface Magnetic Field Measuring and Reference Magnetic Field	INTI Overview of Permanent Magnets and their Characterization	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 45 Hz)	1 mV to 32.999 mV	200 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 45 Hz to 10 kHz)	1 mV to 32.999 mV	160 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	1 mV to 32.999 mV	170 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 kHz to 50 kHz)	1 mV to 32.999 mV	200 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 50 kHz to 100 kHz)	1 mV to 32.999 mV	230 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 100 kHz to 500 kHz)	1 mV to 32.999 mV	460 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 45 Hz)	33 mV to 329.999 mV	960 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 45 Hz to 10 kHz)	33 mV to 329.999 mV	260 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	33 mV to 329.999 mV	350 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 kHz to 50 kHz)	33 mV to 329.999 mV	680 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 50 kHz to 100 kHz)	33 mV to 329.999 mV	1 100 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 100 kHz to 500 kHz)	33 mV to 329.999 mV	2 700 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 45 Hz)	0.33 V to 3.299 99 V	10 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 45 Hz to 10 kHz)	0.33 V to 3.299 99 V	19 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	0.33 V to 3.299 99 V	3 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 kHz to 50 kHz)	0.33 V to 3.299 99 V	10 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 50 kHz to 100 kHz)	0.33 V to 3.299 99 V	10 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 100 kHz to 500 kHz)	0.33 V to 3.299 99 V	23 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 45 Hz)	3.3 V to 32.999 9 V	60 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 45 Hz to 10 kHz)	3.3 V to 32.999 9 V	20 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	3.3 V to 32.999 9 V	30 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 kHz to 50 kHz)	3.3 V to 32.999 9 V	80 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 50 kHz to 100 kHz)	3.3 V to 32.999 9 V	190 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 45 Hz to 1 kHz)	33 V to 329.999 V	580 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 1 kHz to 10 kHz)	33 V to 329.999 V	300 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	33 V to 329.999 V	2 300 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 45 Hz to 1 kHz)	330 V to 1 000 V	2 200 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 1 kHz to 10 kHz)	330 V to 1 020 V	2 600 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 10 Hz to 20 Hz)	0.029 mA to 0.329 99 mA	1.5 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 45 Hz)	0.029 mA to 0.329 99 mA	1.3 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	0.029 mA to 0.329 99 mA	1.3 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 1 Hz to 5 kHz)	0.029 mA to 0.329 99 mA	1.9 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Current (@ 5 Hz to 10 kHz)	0.029 mA to 0.329 99 mA	4.4 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 10 Hz to 20 Hz)	3.3 mA to 32.999 mA	87 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 45 Hz)	3.3 mA to 32.999 mA	37 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	3.3 mA to 32.999 mA	35 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 1 Hz to 5 kHz)	3.3 mA to 32.999 mA	71 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 5 Hz to 10 kHz)	3.3 mA to 32.999 mA	210 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 10 Hz to 20 Hz)	33 mA to 329.99 mA	700 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 45 Hz)	33 mA to 329.99 mA	380 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	33 mA to 329.99 mA	350 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Current (@ 1 Hz to 5 kHz)	33 mA to 329.99 mA	700 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 5 Hz to 10 kHz)	33 mA to 329.99 mA	2 100 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 10 Hz to 45 Hz)	0.33 to 2.199 99 A	4.8 mA	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	0.33 to 2.199 99 A	2.6 mA	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 65 Hz)	2.2 A to 30.2 A	14 mA	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 65 Hz to 500 Hz)	2.2 A to 32 A	17 mA	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current 500 Hz to 1 kHz	2.2 A to 32 A	40 mA	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	33 mV to 330 mV	0.006 % of reading + 3 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	0.33 V to 3.3 V	0.005 % of reading + 5 μ V	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	3.3 V to 33 V	0.005 % of reading + 50 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Calle Fernando Montes de Oca # 848, Colonia Latinoamericana

Saltillo, Coahuila, México. C.P. 25270

Contact Name: Yesenia Gonzalez. Phone: 844-149-1305

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Electrical	Equipment to Measure DC Voltage	33 V to 330 V	0.005 5 % of reading + 500 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	330 V to 1 020 V	0.005 5 % of reading + 1 500 mV	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	0.33 mA to 3.3 mA	0.47 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	3.3 mA to 33 mA	4.1 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	33 mA to 330 mA	43 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	330 mA to 2.2 A	820 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	2.2 A to 32 A	8 100 μ A	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	1 A to 550 A	0.25 % of reading	Fluke 5540A /Coil	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	1 m Ω to 10.99 Ω	(0.012 % of reading + 0.008) Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	11 Ω to 32.999 Ω	(0.012 % of reading + 0.015) Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	33 Ω to 109.999 Ω	(0.009 % of reading + 0.015) Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	110 Ω to 329.999 Ω	(0.009 % of reading + 0.015) Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	330 Ω to 1 099.99 Ω	(0.009 % of reading + 0.06) Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure Resistance	1.1 k Ω to 3.299 99 k Ω	(0.009 % of reading + 0.000 06) k Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	3.3 k Ω to 10.999 9 k Ω	(0.009% of reading + 0.000 6) k Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	11 k Ω to 32.999 9 k Ω	(0.009 % of reading + 0.000 6) k Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	33 k Ω to 109.999 k Ω	(0.011 % of reading + 0.006) k Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	110 k Ω to 329.999 k Ω	(0.012 % of reading + 0.006) k Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	330 k Ω to 1 099.99 k Ω	(0.015 % of reading + 0.055) k Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	1.1 M Ω to 3.299 99 M Ω	(0.015 % of reading + 0.000 055) M Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	3.3 M Ω to 10.999 9 M Ω	(0.06 % of reading + 0.000 55) M Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	11 M Ω to 32.999 M Ω	(0.1 % of reading + 0.000 55) M Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	33 M Ω to 109.99 M Ω	(0.5 % of reading + 0.005 5) M Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	110 M Ω to 1 200 M Ω	(0.5 % of reading + 0.016 5) M Ω	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	0.33 nF to 0.499 9 nF	0.019 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	0.5 nF to 1.099 9 nF	0.022 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure Capacitance	1.1 nF to 3.299 9 nF	0.032 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	3.3 nF to 10.999 F	0.075 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	11 nF to 32.999 nF	0.22 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	33 nF to 109.99 nF	0.44 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	110 nF to 329.99 nF	1.5 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	0.33 μ F to 1.099 9 μ F	4.4 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	1.1 μ F to 3.299 9 μ F	17 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	3.3 μ F to 10.999 μ F	56 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	11 μ F to 32.999 μ F	190 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	33 μ F to 109.99 μ F	760 nF	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	110 μ F to 329.99 μ F	3.1 μ F	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance	0.33 mF to 120 mF	14 μ F	Fluke 5540A	Euramet-cg-15	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with	600 °C to 800 °C	0.44 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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	Thermocouple Type B						
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type B	800 °C to 1 000 °C	0.34 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type B	1 000 °C to 1 550 °C	0.3 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type B	1 550 °C to 1 820 °C	0.33 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type C	0 °C to 150 °C	0.3 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type C	150 °C to 650 °C	0.26 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type C	650 °C to 1 000 °C	0.31 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type C	1 000 °C to 1 800 °C	0.5 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type C	1 800 °C to 2 316 °C	0.84 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type E	-250 °C to -100 °C	0.5 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type E	-100 °C to -25 °C	0.16 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type E	-25 °C to 350 °C	0.14 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type E	350 °C to 650 °C	0.16 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type E	650 °C to 1 000 °C	0.21 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type J	-210 °C to -100 °C	0.27 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type J	-100 °C to -30 °C	0.16 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type J	-30 °C to 150 °C	0.14 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type J	150 °C to 760 °C	0.17 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type J	760 °C to 1 200 °C	0.23 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type K	-200 °C to -100°C	0.33 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type K	-100 °C to -25°C	0.18 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type K	-25 °C to 120°C	0.16 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type K	120 °C to 1 000 °C	0.26 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type K	1 000 °C to 1 372 °C	0.4 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type L	-200 °C to -100 °C	0.37 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type L	-100 °C to 800 °C	0.26 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type L	800 °C to 900 °C	0.17 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type N	-200 °C to -100 °C	0.4 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type N	-100 °C to -25 °C	0.22 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type N	-25 °C to 120 °C	0.19 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type N	120 °C to 410 °C	0.18 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type N	410 °C to 1 300 °C	0.27 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type R	0 °C to 250 °C	0.57 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type R	250 °C to 400 °C	0.35 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type R	400 °C to 1 000 °C	0.33 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type R	1 000 °C to 1 767 °C	0.4 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type S	0 °C to 250 °C	0.47 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type S	250 °C to 1 000 °C	0.36 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type S	1 000 °C to 1 400 °C	0.37 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type S	1 400 °C to 1 767 °C	0.46 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type T	-250 °C to -150 °C	0.63 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type T	-150 °C to 0 °C	0.24 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type T	0 °C to 120 °C	0.16 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type T	120 °C to 400 °C	0.14 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type U	-200 °C to 0 °C	0.56 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type U	0 °C to 600 °C	0.57 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	-200 °C to -80 °C	0.05 °C	Electrical Simulation of Thermocouple Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	-80 °C to 0 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	0 °C to 100 °C	0.07 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Calle Fernando Montes de Oca # 848, Colonia Latinoamericana

Saltillo, Coahuila, México. C.P. 25270

Contact Name: Yesenia Gonzalez. Phone: 844-149-1305

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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	100 °C to 300 °C	0.09 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	300 °C to 400 °C	0.1 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	400 °C to 630 °C	0.12 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	630 °C to 800 °C	0.23 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3926, 100 Ω	-200 °C to -80 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3926, 100 Ω	-80 °C to 0 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3926, 100 Ω	0 °C to 100 °C	0.07 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3926, 100 Ω	100 °C to 300 °C	0.09 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3926, 100 Ω	300 °C to 400 °C	0.1 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3926, 100 Ω	400 °C to 630 °C	0.12 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	-200 °C to -190 °C	0.25 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	-190 °C to -80 °C	0.04 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	-80 °C to 0 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	0 °C to 100 °C	0.06 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	100 °C to 260 °C	0.07 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	260 °C to 300 °C	0.08 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	300 °C to 400 °C	0.09 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	400 °C to 600 °C	0.1 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3916, 100 Ω	600 °C to 630 °C	0.23 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	-200 °C to -80 °C	0.04 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	-80 °C to 0 °C	0.04 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	0 °C to 100 °C	0.04 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	100 °C to 260 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	260 °C to 300 °C	0.12 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	300 °C to 400 °C	0.13 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	400 °C to 600 °C	0.14 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 200 Ω	600 °C to 630 °C	0.16 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	-200°C to -80°C	0.04 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	-80 °C to 0 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	0 °C to 100 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	100 °C to 260 °C	0.06 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	260 °C to 300 °C	0.08 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	300 °C to 400 °C	0.08 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	400 °C to 600 °C	0.09 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 500 Ω	600 °C to 630 °C	0.11 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	-200 °C to -80 °C	0.03 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	-80 °C to 0 °C	0.03 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	0 °C to 100 °C	0.04 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	100 °C to 260 °C	0.05 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	260 °C to 300 °C	0.06 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	300 °C to 400 °C	0.07 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	400 °C to 600 °C	0.07 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	600 °C to 630 °C	0.23 °C	Electrical Simulation of RTD Output Fluke 5540A	Euramet-cg-11	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 20 Hz to 45 Hz)	200 mV to 750 V	0.9 % of reading	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 45 Hz to 20 kHz)	200 mV to 750 V	0.9 % of reading	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 20 kHz to 50 kHz)	200 mV to 750 V	0.9 % of reading	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 50 kHz to 100 kHz)	200 mV to 750 V	0.9 % of reading	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 20 Hz to 45 Hz)	750 V to 40 kV	5 % of reading	Fluke 80K40	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 45 Hz to 20 kHz)	750 V to 40 kV	5 % of reading	Fluke 80K40	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 20 kHz to 50 kHz)	750 V to 40 kV	5 % of reading	Fluke 80K40	CEM EL- 010	F1, F2	F, O



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Electrical	Equipment to Output AC Voltage (@ 50 kHz to 100 kHz)	750 V to 40 kV	5 % of reading	Fluke 80K40	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	200 mV to 1 000 V	0.015 % of reading + 10 mV	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	10 V to 40 kV	5 % of reading	Fluke 80K40	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Current	20 mA to 10 A	1.3 % of reading	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Current	1 μ A to 10 A	0.08 % of reading	Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output AC Current	1A to 50 A	2 % of reading	Shunt 50A, Fluke 8808A	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output Resistance	1 $\mu\Omega$ to 199.999 k Ω	0.03 % of reading	Resistance Decade: Burster: Model 1443	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output Resistance	199.999 k Ω to 19.999 9 M Ω	0.25 % of reading	Resistance Decade: Burster: Model 1448	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Output Resistance	19.999 9 M Ω to 100 M Ω	1.8 % of reading	Resistance Decade: Burster, Model 1441	CEM EL- 010	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	25 mV to 90 mV	0.009 7 mV	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	1 V to 2.5 V	0.000 15 V	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	10 V to 25 V	0.001 5 V	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	100 V to 250 V	0.02 V	Fluke 753	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 60 Hz)	1 V to 2.5 V	0.001 6 V	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 60 Hz)	10 V to 25 V	0.018 V	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 60 Hz)	100 V to 250 V	0.19 V	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	10 mA to 25 mA	0.003 3 mA	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	35 mA to 90 mA	0.018 mA	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	2 Ω to 9 Ω	0.01 Ω	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	20 Ω to 90 Ω	0.029 Ω	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	200 Ω to 900 Ω	0.19 Ω	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Resistance	2 k Ω to 9 k Ω	0.002 1 k Ω	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	20 mV to 90 mV	0.008 9 mV	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	0.2 V to 0.9 V	0.000 05 V	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	2.5 V to 13 V	0.000 78 V	Fluke 753	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Output DC Current	1 mA to 20 mA	0.003 2 mA	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	1 Ω to 9 Ω	0.001 8 Ω	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	20 Ω to 90 Ω	0.018 Ω	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	0.2 k Ω to 0.9 k Ω	0.000 16 Ω	Fluke 753	Euramet-cg-15	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type B	650 °C to 1 750 °C	0.52 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type C	400 °C to 2 200 °C	0.97 °C	Fluke 753 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 °C to 900 °C	0.26 °C	Fluke 753 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 °C to 900 °C	0.28 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O



Certificate of Accreditation: Supplement

Servicio Industrial de Calibración SIDEC México, S.A. de C.V.

Calle Fernando Montes de Oca # 848, Colonia Latinoamericana

Saltillo, Coahuila, México. C.P. 25270

Contact Name: Yesenia Gonzalez. Phone: 844-149-1305

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 ($\pm$) 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	100 °C to 1 200 °C	0.33 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type L	150 °C to 850 °C	0.32 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type N	100 °C to 1 200 °C	0.33 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type R	200 °C to 1 600 °C	0.66 °C	Fluke 753 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 °C to 1 650 °C	0.57 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type T	100 °C to 350 °C	0.21 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with Thermocouple Type U	100 °C to 550 °C	0.33 °C	Fluke 753 Electrical Simulation of Thermocouple Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 100 Ω	100 °C to 7 000 °C	0.28 °C	Fluke 753 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	100 °C to 550 °C	0.19 °C	Fluke 753 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	100 °C to 550 °C	0.15 °C	Fluke 753 Electrical Simulation of RTD Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 385, 1 000 Ω	100 °C to 550 °C	0.14 °C	Fluke 753 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	100 °C to 550 °C	0.16 °C	Fluke 753 Electrical Simulation of RTD Output	Euramet-cg-11	F1, F2	F, O



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Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Pt 3926, 100 Ω	100 °C to 550 °C	0.18 °C	Fluke 753 Electrical Simulation of RTD Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Cu 427, 10 Ω	0 °C to 200 °C	0.36 °C	Fluke 753 Electrical Simulation of RTD Output	Euramet-cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and Control Equipment used with RTD Ni 672, 120 Ω	0 °C to 200 °C	0.16 °C	Fluke 753 Electrical Simulation of RTD Output	Euramet-cg-11	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.
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.



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

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 |

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.