



# PERRY JOHNSON LABORATORY ACCREDITATION, INC.

## Certificate of Accreditation

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

### ***Accuracy Calibration Services, S. de R.L. de C.V.***

***Juan de Grijalva # 07, Fracc. Conquistadores  
Ciudad Rio Bravo, Tamaulipas, México. C.P. 88993***

*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:

***Electrical, Time & Frequency, Mass, Force and Weighing Devices,  
Dimensional, Mechanical, Chemical, Acoustic, Thermodynamic, and Optical  
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 17, 2011

August 01, 2025

October 31, 2027

*Accreditation No.:*

*Certificate No.:*

69876

L25-662

Tracy Szerszen  
President

*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.pjlab.com](http://www.pjlab.com)*

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



# Certificate of Accreditation: Supplement

## Accuracy Calibration Services, S. de R.L. de C.V.

Juan de Grijalva # 07, Fracc. Conquistadores  
 Ciudad Rio Bravo, Tamaulipas, México. C.P. 88993  
 Contact Name: Hector Millan Espinoza Phone: 899-933-8666

*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 ( $\pm$ ) <sup>1</sup>	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Electrical	Equipment to Measure DC Current	4.3 $\mu$ A to 3.299 99 mA	0.13 % of reading + 0.05 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	3.3 mA to 32.999 9 mA	0.01 % of reading + 0.25 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	33 mA to 329.999 mA	0.01 % of reading + 3.3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	330 mA to 2.199 9 A	0.34 % of reading + 44 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Current	2.2 A to 11 A	0.06 % of reading + 330 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 10 Hz to 20 Hz)	29 $\mu$ A to 0.329 99 mA	0.24 % of reading + 0.15 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 45 Hz)	29 $\mu$ A to 0.329 99 mA	0.13 % of reading + 0.15 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	29 $\mu$ A to 0.329 99 mA	0.13 % of reading + 0.25 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 1 kHz to 5 kHz)	29 $\mu$ A to 0.329 99 mA	0.4 % of reading + 0.15 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 5 kHz to 10 kHz)	29 $\mu$ A to 0.329 99 mA	1.3 % of reading + 0.015 mA	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Current (@ 10 kHz to 20 kHz)	0.33 mA to 3.299 9 mA	0.2 % of reading + 0.3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 45 Hz)	0.33 mA to 3.299 9 mA	0.1 % of reading + 0.3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	0.33 mA to 3.299 9 mA	0.1 % of reading + 0.3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 1 kHz to 5 kHz)	0.33 mA to 3.299 9 mA	0.2 % of reading + 0.3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 5 kHz to 10 kHz)	0.33 mA to 3.299 9 mA	0.6 % of reading + 0.3 $\mu$ A	Fluke 5500A	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	0.2 % of reading + 3 $\mu$ A	Fluke 5500A	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	0.1 % of reading + 3 $\mu$ A	Fluke 5500A	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	0.09 % of reading + 3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 1 kHz to 5 kHz)	3.3 mA to 32.999 mA	0.2 % of reading + 3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Current (@ 5 kHz to 10 kHz)	3.3 mA to 32.999 mA	0.6 % of reading + 3 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 10 Hz to 20 Hz)	33 mA to 329.99 mA	0.2 % of reading + 30 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 20 Hz to 45 Hz)	33 mA to 329.99 mA	0.1 % of reading + 30 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	33 mA to 329.99 mA	0.09 % of reading + 30 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 1 kHz to 5 kHz)	33 mA to 329.99 mA	0.2 % of reading + 30 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 5 kHz to 10 kHz)	33 mA to 329.99 mA	0.6 % of reading + 30 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 10 Hz to 45 Hz)	0.33 A to 2.199 99 A	0.2 % of reading + 300 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 45 Hz to 1 kHz)	0.33 A to 2.199 99 A	0.1 % of reading + 300 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 1 kHz to 5 kHz)	0.33 A to 2.199 99 A	0.75 % of reading + 300 $\mu$ A	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Current (@ 45 Hz to 60 Hz)	2.2 A to 11 A	0.06 % of reading + 2 mA	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 65 Hz to 500 Hz)	2.2 A to 11 A	0.1 % of reading + 2 mA	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Current (@ 500 Hz to 1 kHz)	2.2 A to 11 A	0.33 % of reading + 2 mA	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	28 m $\Omega$ to 10.99 $\Omega$	9.3 m $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	11 $\Omega$ to 32.999 $\Omega$	19 m $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	33 $\Omega$ to 109.999 $\Omega$	25 m $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	110 $\Omega$ to 329.999 $\Omega$	45 m $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	330 $\Omega$ to 1.099 99 k $\Omega$	0.16 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	1.1 k $\Omega$ to 3.299 99 k $\Omega$	0.36 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	3.3 k $\Omega$ to 10.999 9 k $\Omega$	1.6 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	11 k $\Omega$ to 32.999 9 k $\Omega$	3.6 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	33 k $\Omega$ to 109.999 k $\Omega$	19 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Output Resistance	110 k $\Omega$ to 329.999 k $\Omega$	46 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	330 k $\Omega$ to 1.099 9 M $\Omega$	220 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	1.1 M $\Omega$ to 3.2999 9 M $\Omega$	550 $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	3.3 M $\Omega$ to 10.999 9 M $\Omega$	7.2 k $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	11 M $\Omega$ to 32.999 9 M $\Omega$	39 k $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	33 M $\Omega$ to 109.999 M $\Omega$	610 k $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output Resistance	110 M $\Omega$ to 330 M $\Omega$	1.9 M $\Omega$	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	0.69 mV to 329.999 9 mV	210 $\mu$ V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	330 mV to 3.299 9 V	170 $\mu$ V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	3.3 V to 32.999 9 V	1.8 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	33 V to 329.999 9 V	19 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure DC Voltage	330 V to 1 020 V	58 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 40 Hz)	1 mV to 32.999 mV	140 $\mu$ V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 40 Hz to 10 kHz)	1 mV to 32.999 mV	71 $\mu$ V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	1 mV to 32.999 mV	89 $\mu$ V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 kHz to 50 kHz)	1 mV to 32.999 mV	0.12 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 50 kHz to 100 kHz)	1 mV to 32.999 mV	0.34 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 100 kHz to 500 kHz)	1.35 mV to 32.999 mV	0.45 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 40 Hz)	33 mV to 329.99 mV	0.85 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 40 Hz to 10 kHz)	33 mV to 329.99 mV	0.85 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	33 mV to 329.99 mV	0.35 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 20 kHz to 50 kHz)	33 mV to 329.99 mV	0.56 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 50 kHz to 100 kHz)	33 mV to 329.99 mV	2 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 100 kHz to 500 kHz)	33 mV to 329.99 mV	6.4 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 40 Hz)	330 mV to 3.299 9 V	2.6 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 40 Hz to 10 kHz)	330 mV to 3.299 9 V	2.6 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	330 mV to 3.299 9 V	2.7 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 20 kHz to 50 kHz)	330 mV to 3.299 9 V	5 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 50 kHz to 100 kHz)	330 mV to 3.299 9 V	9.7 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 100 kHz to 500 kHz)	330 mV to 3.299 9 V	20 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 10 Hz to 40 Hz)	3.3 V to 32.999 9 V	14 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 40 Hz to 10 kHz)	3.3 V to 32.999 9 V	14 mV	Fluke 5500A	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	29 mV	Fluke 5500A	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	68 mV	Fluke 5500A	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	98 mV	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 40 Hz to 1 kHz)	33 V to 329.999 V	0.17 V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 1 kHz to 10 kHz)	33 V to 329.999 V	0.27 V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 10 kHz to 20 kHz)	33 V to 329.999 V	0.32 V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 40 Hz to 1 kHz)	330 V to 1 020 V	0.58 V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure AC Voltage (@ 1 kHz to 5 kHz)	330 V to 1 020 V	2.2 V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure AC Voltage (@ 5 kHz to 10 kHz)	330 V to 1 020 V	2.6 V	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	0.33 nF to 0.499 9 nF	0.012 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	0.5 nF to 1.099 9 nF	0.015 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	1.1 nF to 3.299 nF	0.026 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	3.3 nF to 10.999 nF	0.064 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	11 nF to 32.999 nF	0.18 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	33 nF to 109.99 nF	0.37 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	110 nF to 329.99 nF	1.2 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O



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Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	0.33 $\mu$ F to 1.099 9 $\mu$ F	3.8 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 1 kHz)	1.1 $\mu$ F to 3.299 9 $\mu$ F	15 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 400 Hz)	3.3 $\mu$ F to 10.999 $\mu$ F	49 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 400 Hz)	11 $\mu$ F to 32.999 $\mu$ F	270 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 200 Hz)	33 $\mu$ F to 109.99 $\mu$ F	650 nF	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 100 Hz)	110 $\mu$ F to 329.99 $\mu$ F	2.6 $\mu$ F	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Measure Capacitance (@ 50 Hz to 100 Hz)	330 $\mu$ F to 1.1 mF	12 $\mu$ F	Fluke 5500A	Euramet-cg-15	F1, F2	F, O
Electrical	Equipment to Output DC Current	30 $\mu$ A to 100 $\mu$ A	0.002 5 % of reading + 0.8 nA	HP 3458A	CEM EL-001	F1, F2	F, O



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## Accuracy Calibration Services, S. de R.L. de C.V.

Juan de Grijalva # 07, Fracc. Conquistadores  
 Ciudad Rio Bravo, Tamaulipas, México. C.P. 88993  
 Contact Name: Hector Millan Espinoza Phone: 899-933-8666

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Electrical	Equipment to Output DC Current	100 $\mu$ A to 1 mA	0.002 5 % of reading + 5 nA	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Current	1 mA to 10 mA	0.002 5 % of reading + 50 nA	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Current	10 mA to 100 mA	0.004 % of reading + 500 nA	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Current	100 mA to 1 A	0.012 % of reading + 10 $\mu$ A	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Current Indirect Method	1 A to 100 A	0.16 A	HP 3458A W/ 100 HA Current Shunt	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	200 $\mu\Omega$ to 10 $\Omega$	0.001 5 % of reading + 50 $\mu\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	10 $\Omega$ to 100 $\Omega$	0.001 2 % of reading + 500 $\mu\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	100 $\Omega$ to 1 k $\Omega$	0.001 % of reading + 500 $\mu\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	1 k $\Omega$ to 10 k $\Omega$	0.01 % of reading + 5 m $\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	10 k $\Omega$ to 100 k $\Omega$	0.01 % of reading + 50 m $\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	100 k $\Omega$ to 1 M $\Omega$	0.15 % of reading + 2 $\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	1 M $\Omega$ to 10 M $\Omega$	0.05 % of reading + 100 $\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output Resistance	10 M $\Omega$ to 100 M $\Omega$	0.05 % of reading + 1 k $\Omega$	HP 3458A	CEM EL-001	F1, F2	F, O



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Electrical	Equipment to Output AC Voltage (@ 1 Hz to 40 Hz)	1 mV to 10 mV	0.03 % of reading + 0.03 mV	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 40 Hz to 1 kHz)	1 mV to 10 mV	0.02 % of reading + 0.011 mV	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 kHz to 20 kHz)	1 mV to 10 mV	0.03 % of reading + 0.011 mV	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 20 kHz to 50 kHz)	1 mV to 10 mV	0.1 % of reading + 0.011 mV	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 50 kHz to 100 kHz)	1 mV to 10 mV	0.5 % of reading + 0.011 mV	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 100 kHz to 300 kHz)	1 mV to 10 mV	4 % of reading + 0.02 mV	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 Hz to 40 Hz)	100 mV to 10 V	0.007 % of reading + 0.004 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 40 Hz to 1 kHz)	100 mV to 10 V	0.007 % of reading + 0.002 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 kHz to 20 kHz)	100 mV to 10 V	0.014 % of reading + 0.002 V	HP 3458A	CEM EL-001	F1, F2	F, O



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Electrical	Equipment to Output AC Voltage (@ 20 kHz to 50) kHz	100 mV to 10 V	0.03 % of reading + 0.002 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 50 kHz to 100 kHz)	100 mV to 10 V	0.08 % of reading + 0.002 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 100 kHz to 300 kHz)	100 mV to 10 V	0.3 % of reading + 0.01 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 300 kHz to 1 MHz)	100 mV to 10 V	1 % of reading + 0.01 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 MHz to 2 MHz)	100 mV to 10 V	1.5 % of reading + 0.01 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 Hz to 40 Hz)	10 V to 100 V	0.02 % of reading + 0.04 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 40 Hz to 1 kHz)	10 V to 100 V	0.02 % of reading + 0.02 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 kHz to 20 kHz)	10 V to 100 V	0.02 % of reading + 0.02 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 20 kHz to 50 kHz)	10 V to 100 V	0.035 % of reading + 0.02 V	HP 3458A	CEM EL-001	F1, F2	F, O



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Electrical	Equipment to Output AC Voltage (@ 50 kHz to 100 kHz)	10 V to 100 V	0.12 % of reading + 0.02 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 100 kHz to 300 kHz)	10 V to 100 V	0.4 % of reading + 0.1 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 300 kHz to 1 MHz)	10 V to 100 V	1.5 % of reading + 0.1 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 Hz to 40 Hz)	100 V to 1 000 V	0.04 % of reading + 0.4 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 40 Hz to 1 kHz)	100 V to 1 000 V	0.04 % of reading + 0.2 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 1 kHz to 20 kHz)	100 V to 1 000 V	0.06 % of reading + 0.2 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 20 kHz to 50 kHz)	100 V to 1 000 V	0.12 % of reading + 0.2 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output AC Voltage (@ 50 kHz to 100 kHz)	100 V to 1 000 V	0.3 % of reading + 0.2 V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	1 mV to 100 mV	0.000 9 % of reading + 0.3 $\mu$ V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	100 mV to 1 V	0.000 8 % of reading + 0.3 $\mu$ V	HP 3458A	CEM EL-001	F1, F2	F, O



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Electrical	Equipment to Output DC Voltage	1 V to 10 V	0.000 8 % of reading + 0.5 $\mu$ V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	10 V to 100 V	0.001 % of reading + 30 $\mu$ V	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Equipment to Output DC Voltage	100 V to 1 000 V	0.001 % of reading + 0.1 mV	HP 3458A	CEM EL-001	F1, F2	F, O
Electrical	Temperature Calibration, Indication and control Equipment used with Thermocouple Type J	-210 °C to -100 °C	0.26 °C	Fluke 5500A 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 -30 °C	0.42 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and control Equipment used with Thermocouple Type J	-30 °C to 150 °C	0.21 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and control Equipment used with Thermocouple Type J	150 °C to 760 °C	0.29 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	0.73 °C	Fluke 5500A 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 K	-200 °C to -100 °C	0.34 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and control Equipment used with Thermocouple Type K	-100 °C to -25 °C	0.18 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and control Equipment used with Thermocouple Type K	-25 °C to 120 °C	0.19 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	0.27 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration, Indication and control Equipment used with Thermocouple Type K	1 000 °C to 1 372 °C	0.48 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type B	600 °C to 800 °C	0.44 °C	Fluke 5500A 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 B	1 000 °C to 1 550 °C	0.3 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type B	1 550 °C to 1 820 °C	0.33 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type C	1 000 °C to 1 800 °C	0.5 °C	Fluke 5500A 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 C	1 800 °C to 2 316 °C	0.84 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A 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 -25 °C	0.16 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	350 °C to 650 °C	0.14 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type E	650 °C to 1 000 °C	0.16 °C	Fluke 5500A 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 N	-200 °C to -100 °C	0.4 °C	Fluke 5500A 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 -25 °C	0.22 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type N	120 °C to 1 000 °C	0.18 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type N	1 000 °C to 1 372 °C	0.27 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A 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 R	250 °C to 400 °C	0.35 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	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	0.33 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type S	250 °C to 1 000 °C	0.36 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	0.36 °C	Fluke 5500A 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 S	1 400 °C to 1 767 °C	0.37 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type T	-250 °C to -150 °C	0.63 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type T	0 °C to 120 °C	0.16 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type T	120 °C to 400 °C	0.14 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	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	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O



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## Accuracy Calibration Services, S. de R.L. de C.V.

Juan de Grijalva # 07, Fracc. Conquistadores  
 Ciudad Rio Bravo, Tamaulipas, México. C.P. 88993  
 Contact Name: Hector Millan Espinoza Phone: 899-933-8666

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Electrical	Temperature Calibration Indication and Control Equipment used with Thermocouple Type U	0 °C to 600 °C	0.27 °C	Fluke 5500A Electrical Simulation of Thermocouple Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 395, 100 $\Omega$	-196 °C to 0 °C	0.05 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 395, 100 $\Omega$	0 °C to 100 °C	0.05 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 395, 100 $\Omega$	100 °C to 300 °C	0.07 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 395, 100 $\Omega$	300 °C to 400 °C	0.09 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 395, 100 $\Omega$	400 °C to 630 °C	0.1 °C	Fluke 5500A 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 395, 100 $\Omega$	400 °C to 630 °C	0.1 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 395, 100 $\Omega$	630 °C to 800 °C	0.12 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 926, 100 $\Omega$	-196 °C to 0 °C	0.05 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 926, 100 $\Omega$	0 °C to 100 °C	0.05 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 926, 100 $\Omega$	100 °C to 300 °C	0.07 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 926, 100 $\Omega$	300 °C to 400 °C	0.09 °C	Fluke 5500A 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 3 926, 100 $\Omega$	400 °C to 630 °C	0.1 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 916, 100 $\Omega$	-196 °C to -190 °C	0.25 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 916, 100 $\Omega$	-190 °C to 80 °C	0.04 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 916, 100 $\Omega$	-80 °C to 0 °C	0.05 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 916, 100 $\Omega$	0 °C to 100 °C	0.6 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Pt 3 916, 100 $\Omega$	100 °C to 260 °C	0.06 °C	Fluke 5500A 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 3 916, 100 $\Omega$	260 °C to 300 °C	0.07 °C	Fluke 5500A 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 $\Omega$	300 °C to 400 °C	0.08 °C	Fluke 5500A 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 $\Omega$	400 °C to 600 °C	0.09 °C	Fluke 5500A 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 $\Omega$	600 °C to 630 °C	0.23 °C	Fluke 5500A 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 $\Omega$	-196 °C to 100 °C	0.04 °C	Fluke 5500A 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 $\Omega$	100 °C to 260 °C	0.04 °C	Fluke 5500A 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 385, 200 $\Omega$	260 °C to 300 °C	0.05 °C	Fluke 5500A 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 $\Omega$	300 °C to 400 °C	0.12 °C	Fluke 5500A 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 $\Omega$	400 °C to 600 °C	0.13 °C	Fluke 5500A 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 $\Omega$	600 °C to 630 °C	0.14 °C	Fluke 5500A 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 $\Omega$	-196 °C to -80 °C	0.04 °C	Fluke 5500A 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 $\Omega$	-80 °C to 100 °C	0.04 °C	Fluke 5500A 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 385, 500 $\Omega$	100 °C to 260 °C	0.05 °C	Fluke 5500A 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 $\Omega$	260 °C to 300 °C	0.06 °C	Fluke 5500A 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 $\Omega$	300 °C to 400 °C	0.08 °C	Fluke 5500A 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 $\Omega$	400 °C to 600 °C	0.08 °C	Fluke 5500A 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 $\Omega$	600 °C to 630 °C	0.09 °C	Fluke 5500A 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 $\Omega$	-160 °C to 0 °C	0.03 °C	Fluke 5500A 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 385, 1 000 $\Omega$	0 °C to 100 °C	0.03 °C	Fluke 5500A 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 $\Omega$	100 °C to 260 °C	0.04 °C	Fluke 5500A 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 $\Omega$	260 °C to 300 °C	0.05 °C	Fluke 5500A 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 $\Omega$	300 °C to 400 °C	0.06 °C	Fluke 5500A 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 $\Omega$	400 °C to 600 °C	0.07 °C	Fluke 5500A 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 $\Omega$	600 °C to 630 °C	0.23 °C	Fluke 5500A 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 Ni 385 120 $\Omega$	-80 °C to 100 °C	0.08 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Ni 385 120 $\Omega$	100 °C to 260 °C	0.14 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	Temperature Calibration Indication and Control Equipment used with RTD Cu 10 $\Omega$	-100 °C to 260 °C	0.3 °C	Fluke 5500A Electrical Simulation of RTD Output	Euramet cg-11	F1, F2	F, O
Electrical	RF Microwave Equipment to Output Amplitude Modulated Signals (@ 50 Hz to 10 kHz Depths: 5 % to 99 %)	150 kHz to 10 MHz	2.6 % of reading + 1 digit	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Electrical	RF Microwave Equipment to Output Amplitude Modulated Signals (@ 20 Hz to 10 kHz Depths: 5% to 99%)	150 kHz to 10 MHz	3.4 % of reading + 1 digit	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O



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Electrical	RF Microwave Equipment to Output Amplitude Modulated Signals (@ 50 Hz to 50 kHz) (Depths: 5% to 99%)	150 kHz to 1.3 GHz	2.5 % of reading + 1 digit	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Electrical	RF Microwave Equipment to Output Amplitude Modulated Signals (@ Rate: 20 Hz to 100 kHz) (Depths: 5% to 99%)	150 kHz to 1.3 GHz	3.3 % of reading + 1 digit	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Electrical	Equipment to Output Frequency Modulated Signals (@ 20 Hz to 10 kHz) (Dev: $\leq$ 40 kHz peak)	0.25 MHz to 10 MHz	2.7 % of reading + 1 digit	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Electrical	Equipment to Output Frequency Modulated Signals (@50 Hz to 100 kHz) (Dev: $\leq$ 400 kHz peak)	10 MHz to 1.3 GHz	1.7 % of reading + 1 digit	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Electrical	Equipment to Output Frequency Modulated Signals (@ 20 Hz to 200 kHz) (Dev: $\leq$ 400 kHz peak)	10 MHz to 1.3 GHz	5.2 % of reading + 1 digit	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O



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Electrical	Equipment to Measure Signal Measuring (@ Up to 20 MHz)	-1.87 W to 0.8 W	0.04 W + 1.05 Hz	6062A	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-1	F1, F3	F, O
Electrical	Equipment to Measure Signal Measuring (@ 100 kHz to 2 000 MHz)	-4.23 W to 0.43 W	0.04 W + 1.05 Hz	6062A	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-1	F1, F3	F, O
Electrical	Equipment to Output Distortion (@ 50 Hz to 100 Hz)	1 mW to 1.259 mW	0.003 % of reading	HP 8903A (Rate: 20 Hz to 100 kHz)	Internal Procedure 33K3-4-2957-1 33K3-4- 2894-1 33K3-4-489-1	F1, F3	F, O
Electrical	Equipment to Output Distortion (@ 20 Hz to 20 kHz)	-99.99 dB to 0 dB	1.2 dB	HP 8903A (Rate: 20 Hz to 100 kHz)	Internal Procedure 33K3-4-2957-1 33K3-4- 2894-1 33K3-4-489-1	F1, F3	F, O
Electrical	Equipment to Output Distortion (@ 20 kHz to 100 KHz)	-99.99 dB to 0 dB	2.5 dB	HP 8903A	Internal Procedure 33K3-4-2957-1 33K3-4- 2894-1 33K3-4-489-1	F1, F3	F, O
Electrical	Equipment to Measure Audio RMS Measure	0 Vrms to 7 Vrms	$5.8 \times 10^{-5}$ Vrms	Agilent 34401A	NMX-CH-389-1-IMNC	F1, F2	F, O
Electrical	Equipment to Output LCR Inductance	1 mH	0.002 mH	Standard Inductors	CENAM Technical Guide	F1, F2	F, O
Electrical	Equipment to Output LCR Inductance	10 mH	0.012 mH	Standard Inductors	CENAM Technical Guide	F1, F2	F, O



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Electrical	Equipment to Output LCR Inductance	100 mH	0.12 mH	Standard Inductors	CENAM Technical Guide	F1, F2	F, O
Electrical	Equipment to Measure RF Power (@ 10 MHz to 18 GHz)	-2.33 W to -0.67 W	0.06 W	HP 437B, HP 8481B, HP 8484A	CENAM Technical Guide	F1, F2	F, O
Electrical	Equipment to Measure RF Power At the listed frequencies (@ 10 MHz to 18 GHz)	-0.67 W to 0.67 W	0.04 W	HP 437B, HP 8481B, HP 8484A	CENAM Technical Guide	F1, F2	F, O
Times & Frequency	Equipment to Measure Frequency	0.01 Hz to 11.999 kHz	0.086 % of reading	Fluke 5500A	CENAM Technical Guide	F1, F2	F, O
Times & Frequency	Equipment to Measure Frequency	12 kHz to 2 MHz	0.086 % of reading	Fluke 5500A	CENAM Technical Guide	F1, F2	F, O
Times & Frequency	Equipment to Measure Frequency	150 kHz to 10 MHz	7.2 Hz	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Times & Frequency	Equipment to Measure Frequency	10 MHz to 100 MHz	8.3 Hz	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Times & Frequency	Equipment to Measure Frequency	100 MHz to 225 MHz	12 Hz	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O



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FIELD OF CALIBRATION	MEASURED INSTRUMENT, QUANTITY OR GAUGE	RANGE (AND SPECIFICATION WHERE APPROPRIATE)	EXPANDED MEASUREMENT UNCERTAINTY ( $\pm$ ) <sup>1</sup>	CALIBRATION EQUIPMENT AND REFERENCE STANDARDS USED	CALIBRATION MEASUREMENT METHOD OR PROCEDURES USED	FLEX CODE	LOCATION OF ACTIVITY
Times & Frequency	Equipment to Measure Frequency	225 MHz to 1 300 MHz	27 Hz	HP 8901B	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-	F1, F3	F, O
Times & Frequency	Equipment to Measure Frequency	10 Hz to 100 kHz	5.1 Hz	HP 5384A	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-1	F1, F3	F, O
Times & Frequency	Equipment to Measure Frequency	100 kHz to 50 000 kHz	11 Hz	HP 5384A	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-1	F1, F3	F, O
Times & Frequency	Equipment to Measure Frequency	50 MHz to 100 MHz	27 Hz	HP 5384A	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-1	F1, F3	F, O
Times & Frequency	Equipment to Measure Frequency	100 MHz to 3 GHz	67 Hz	HP 5384A	Internal Procedure 33K3-4-718-1 33K3-4- 489-1 33K-4-2116-1	F1, F3	F, O
Times & Frequency	Equipment to Output Frequency	1 Hz to 40 Hz	0.05 % of reading	HP 3458A	CENAM Technical Guide	F1, F2	F, O
Times & Frequency	Equipment to Output Frequency	40 Hz to 10 MHz	0.01 % of reading	HP 3458A	CENAM Technical Guide	F1, F2	F, O
Times & Frequency	Timer Interval	0.35 ms to 5 s	0.1 ms/s	Tektronix TDS 3032	CENAM Technical Guide	F1, F2	F, O



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 Ciudad Rio Bravo, Tamaulipas, México. C.P. 88993  
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Mass, Force & Weighing Devices	Analytical Balance	1 g to 100 g	$(9 \times 10^{-4} + 2 \times 10^{-4}Wt) \text{ g}$	Weight Set, Class F	NIST Handbook 44 OIML R111 CENAM Technical Guide	F1, F2	O
Mass, Force & Weighing Devices	Electronic Balance - Counting Balance	500 g to 3 kg	$(2.1 \times 10^{-4} + 6.866 \times 10^{-8}Wt) \text{ g}$	Weight Set, Class F	NIST Handbook 44 OIML R111 CENAM Technical Guide	F1, F2	O
Mass, Force & Weighing Devices	Electronic Balance - Counting Balance	5 lb to 250 lb	$(3 \times 10^{-4} + 1 \times 10^{-4}Wt) \text{ lb}$	Weight Set, Class F	NIST Handbook 44 OIML R111 CENAM Technical Guide	F1, F2	O
Mass, Force & Weighing Devices	Force Gauges (Source and Measure Tension and Compression)	1 lbf to 10 000 lbf	2.2 lbf	Load Cell	CENAM Technical Guide	F1, F2	F
Dimensional	Calipers	0.1 in to 6 in	$(478.67 + 1.34L) \mu\text{in}$	Gage Blocks	JIS B7507	F1, F2	F, O
Dimensional	Calipers	2.54 mm to 152.4 mm	$(12.16 + 1.34 \times 10^{-3}L) \mu\text{m}$	Gage Blocks	JIS B7507	F1, F2	F, O
Dimensional	Digital and Dial Indicators	0.1 in to 2 in	$(59.84 + 74.01 \times 10^{-2}L) \mu\text{in}$	Gage Blocks	JIS B7507	F1, F2	F, O
Dimensional	Digital and Dial Indicators	2.54 mm to 50.8 mm	$(1.52 + 1.88 \times 10^{-2}L) \mu\text{m}$	Gage Blocks	JIS B7507	F1, F2	F, O
Dimensional	Depth Gages	0.1 in to 6 in	$(478.67 + 1.34L) \mu\text{in}$	Gage Blocks	JIS B7507	F1, F2	F, O
Dimensional	Depth Gages	2.54 mm to 152.4 mm	$(12.2 + 1.34 \times 10^{-3}L) \mu\text{m}$	Gage Blocks	JIS B7507	F1, F2	F, O
Dimensional	Thickness Gages	0.1 in to 0.5 in	$(59.84 + 2.91 \times 10^{-2}L) \mu\text{in}$	Gage Blocks	JIS B7507	F1, F2	F, O



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Dimensional	Thickness Gages	2.54 mm to 12.7 mm	$(1.52 + 7.4 \times 10^{-4}L) \mu\text{m}$	Gage Blocks	JIS B7507	F1, F2	F, O
Dimensional	Gage Blocks	0.1 in to 20 in	$(3 + 1.7L) \mu\text{in}$	Gage Blocks Comparator Master Gage Blocks b Grade 00	JISB7506	F1, F2	F
Dimensional	Gage Blocks	0.1 mm to 508 mm	$(0.076 + 0.001 7L) \mu\text{m}$	Gage Blocks Comparator Master Gage Blocks b Grade 00	JISB7506	F1, F2	F
Dimensional	Optical Comparator (X-Axis Linearity)	10 in	$(370 + 60L) \mu\text{in}$	Glass Scales	JIS B7184	F1, F2	O
Dimensional	Optical Comparator (Y-Axis Linearity)	10 in	$(370 + 60L) \mu\text{in}$	Glass Scales	JIS B7184	F1, F2	O
Dimensional	Optical Comparator (Angularity)	0° to 180°	0.2°	Glass Scales	JIS B7184	F1, F2	O
Dimensional	Optical Comparator (Magnification)	10X	0.03 %	Glass Standard	JIS B7184	F1, F2	O
Dimensional	Optical Comparator (Magnification)	20X	0.03 %	Glass Standard	JIS B7184	F1, F2	O
Dimensional	Optical Comparator (Magnification)	50X	0.04 %	Glass Standard	JIS B7184	F1, F2	O
Dimensional	Surface Plates (Squareness)	4 in of Y axis travel or maximum Y axis travel if maximum is less than 4 in.	300 $\mu\text{in}$	Master Square	JIS B7184	F1, F2	F



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Dimensional	Surface Plates (Flatness)	16 in to 50 in	98 $\mu$ m	Planekator	JIS B7513	F1, F2	O
Dimensional	CMM (Repeatability)	1 in	94 $\mu$ m	Sphere 1 in	UNE-EN-ISO 10360-2	F1, F2	O
Dimensional	Level	0.2 in to 8 in	330 $\mu$ m	Precision Level & Angle Blocks	JIS 7184	F1, F2	F, O
Dimensional	Radius Gage	0.01 in to 1 in	350 $\mu$ m	Optical Comparator	B-I006P153	F1, F2	F, O
Dimensional	Angle Blocks	0° to 180°	0.1°	Optical Comparator	B-I006P153	F1, F2	F, O
Dimensional	Plain Cylindrical Ring Gage	0.25 in to 14 in	(19 + 3.8D) $\mu$ m	Bore Gage	ASME B89.1.1	F1, F2	F, O
Dimensional	Thread Plug Gage (Pitch Diameter) (PD)	5-40 to 14-6	(130 + 2D) $\mu$ m	Micrometer with Thread Wire Set	ASME B89.1.1	F1, F2	F, O
Dimensional	Thread Plug Gage Tapered	1/16 -27 to 10-8	(140 + 2D) $\mu$ m	Micrometer with Thread Wire Set Sine Block	ASME B89.1.1	F1, F2	F, O
Dimensional	Thread Ring Gage (Pitch Diameter) (PD)	14-24 to 8-16	(200 + 1D) $\mu$ m	Machine with TPI Anvils (accessories) and Inside Jaws	ASME B89.1.1	F1, F2	F, O
Dimensional	Roughness Tester (Ra) (Fixed point)	117 $\mu$ m	0.76 $\mu$ m	Roughness Standard	ASME B46.1	F1, F2	F, O
Dimensional	Coating Thickness Gage	52.47 $\mu$ m to 179.13 $\mu$ m	1.2 $\mu$ m	Coating Thickness Standard Comparison	JIS 7502	F1, F2	F, O
Mechanical	Vaccum Gauges	-99.898 kPa to 0.102 kPa	7.6 kPa	Fluke PV 350	ISO 3567	F1, F2	F, O
Mechanical	Vaccum Gauges	-29.5 inHg to 0.03 inHg	2.244 inHg	Fluke PV 350	ISO 3567	F1, F2	F, O



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Mechanical	Pressure Gauges	0.1 MPa to 2.413 1 MPa	5.6 kPa	Fluke PV 350	ISO 3567	F1, F2	F, O
Mechanical	Pressure Gauges	14.5 psi to 349.99 psi	0.81 psi	Fluke PV 350	ISO 3567	F1, F2	F, O
Mechanical	Pressure Gauges	100 psi to 10 000 psi	1.4 % of reading	Dead Weight Tester	Ametek R-55	F1, F2	F
Mechanical	Indirect Verification of Rockwell Hardness Testers HRC	20 HRC to 39 HRC	0.37 HRC	Calibrated Rockwell Hardness Test Blocks	ASTM E18	F1, F2	O
Mechanical	Indirect Verification of Rockwell Hardness Testers HRC	40 HRC to 59 HRC	0.35 HRC	Calibrated Rockwell Hardness Test Blocks	ASTM E18	F1, F2	O
Mechanical	Indirect Verification of Rockwell Hardness Testers HRC	60 HRC to 70 HRC	0.32 HRC	Calibrated Rockwell Hardness Test Blocks	ASTM E18	F1, F2	O
Mechanical	Torque Wrench	0.1 N•m to 10 N•m	0.62 % reading	Torque Analyzer Crane with Load Cell Rotary	ASME B 107.300	F1, F2	F, O
Mechanical	Electronic Screwdriver	0.1 N•m to 10 N•m	0.62 % reading	Torque Analyzer Crane with Load Cell Rotary	ASME B 107.300	F1, F2	F, O
Mechanical	Torque Tester Analog / Digital	20 lbf•in to 400 lbf•in	0.44 lbf•in	Weights Class F and 4 in Torque Wheel	ASME B 107.300	F1, F2	F
Chemical	pH Meter	4 pH	0.03 pH	Hanna Buffer Solution	CENAM Technical Guide NMX-CH-068	F1, F2	F, O
Chemical	pH Meter	7 pH	0.03 pH	Hanna Buffer Solution	CENAM Technical Guide NMX-CH-068	F1, F2	F, O



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Chemical	pH Meter	10 pH	0.03 pH	Hanna Buffer Solution	CENAM Technical Guide NMX-CH-068	F1, F2	F, O
Chemical	Conductivity Meter	1.42 mS/cm	0.5 mS/cm	Hanna Buffer Solution	CENAM Technical Guide	F1, F2	F, O
Chemical	Conductivity Meter	12.88 mS/cm	0.05 mS/cm	Hanna Buffer Solution	CENAM Technical Guide	F1, F2	F, O
Chemical	Viscosity Cup Ford	20 cSt to 880 cSt	2 % of reading	Viscosity Solutions Stopwatch & Thermometer	ASTM D7945, ASTM D1200 ASTM D6299, ASTM D4212 ASTM D 446, ASTM D7579 ASTM D 445, ASTM D88	F1, F2	F
Chemical	Viscosity Cups Zhan	20 cSt to 880 cSt	2 % of reading	Viscosity Solutions Stopwatch & Thermometer	ASTM D7945, ASTM D1200 ASTM D6299, ASTM D4212 ASTM D 446, ASTM D7579 ASTM D 445, ASTM D88	F1, F2	F
Acoustic	Acoustical Measuring Equipment (Fixed Points) (@ 1 kHz)	94 dB	0.5 dB	Acoustical Calibrator Simpson	ANSI S1.4	F1, F2	F



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Acoustic	Acoustical Measuring Equipment (Fixed Points) (@ 1 kHz)	114 dB	0.5 dB	Acoustical Calibrator Simpson	ANSI S1.4	F1, F2	F
Thermodynamic	Chart Recorders, Thermo-Hygrometers, Humidity Meters	10 % RH to 90 % RH	2.3 % of reading	Humidity Calibration Salts Sensor	CENAM Technical Guide	F1, F2	F
Optical	Light Meter	11 lux to 5 394 lux	4.9 % of reading	Light Master Exttech Comparison	CENAM Technical Guide	F1, F2	F

- 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.
- 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.
- Location of activity:
 

<b>Location Code</b>	<b>Location</b>
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



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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 D represents diameter in inches or millimeters as appropriate to the uncertainty statement.
6. The term L represents length in inches or millimeters as appropriate to the uncertainty statement.
7. The term Wt represents weight in pounds or grams (including SI multiple and submultiple units) appropriate to the uncertainty statement.
8. 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.