Hellenic Accreditation System

Annex F2/24 to the Certificate No. **345**-6

SCOPE of ACCREDITATION

of the

Calibration laboratory

of

ALGOMETRICS S.A.

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
Temperature measurements			
Temperature block calibrators	[-80 °C to 0 °C]	0,08 °C	According to guide EURAMET/cg-13/v.4:2017.
	(0 °C to 270 °C]	0,10 °C	
	(270 °C to 400 °C]	0,20 °C	
	(400 °C to 1200 °C]	1,40 °C	
Thermocouples	[-40 °C to 140 °C]	0,25 °C	According to guide EURAMET/cg-08/ v3.1:2020.
	[140 °C to 400 °C]	0,60 °C	
	[400 °C to 1200 °C]	1,4 °C	
Liquid-in-glass thermometers of total immersion	35 °C to 90 °C	0,16 °C	Internal method ALGO-TEMP-0005 using water bath with platinum resistance thermometer.
Climatic chambers, Furnaces, Ovens, Incubators, Autoclaves, Refrigerators, Freezers of volume up to 2000 L	-80 °C to 400 °C	0,40 °C	According to guide DKD-R 5-7 09/2018, method C. Calibration can be performed on site.
	[-25 °C to 70 °C]	0,30 °C	According to guide DKD-R 5-7 09/2018. Calibration can be performed on site.
	(70 °C to 400 °C]	1,0 °C	
	(400 °C to 600 °C]	1,4 °C	
Chambers, Furnaces, Ovens	400 °C to 1000 °C	1,6 °C	Internal method ALGO-TEMP-0003 using thermocouple type K, located at a point in the center of the chamber. Calibration can be performed on site.
Chambers, Storage rooms of volume > 2000 L	10 °C to 70 °C	0,40 °C	Internal method ALGO-TEMP-0003 using platinum resistance thermometer at one point within the chamber. Calibration can be performed on site.

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
		1,0 °C	Internal method ALGO-TEMP-0003 using type K thermocouples at one point within the chamber. Calibration can be performed on site.
Warehouses, controlled storage facilities, cold rooms / Temperature mapping – thermal characterisation over time	-40 °C to 30 °C	0,23 °C	Internal method ALGO-TEMP-0011 according to WHO Technical Report Series no.992, Annex 5, Supplement 8, using temperature data loggers. Calibration is performed on site.
Liquid baths	-80 °C to 300 °C	0,10 °C	Internal method ALGO-TEMP-0006 using platinum resistance thermometer. Calibration can be performed on site.
Analog – digital temperature recorders	[-40 °C έως 0 °C)	0,18 °C	Internal method ALGO-TEMP-0004 using climatic chamber and platinum resistance thermometer.
	[0 °C έως 90 °C]	0,15 °C	
	(90 °C έως 170 °C]	0,46 °C	
Temperature sensors with analog or digital display unit, Analog – digital temperature recorders	[~~-40~~ -80 °C to 140 °C]	0,10 °C	Internal method ALGO-TEMP-0004 using temperature block calibrator and platinum resistance thermometer. Calibration can be performed on site.
	(140 °C to 400 °C]	0,50 °C	
	400 °C to 1200 °C	1,7 °C	Internal method ALGO-TEMP-0004 using temperature block calibrator and type S thermocouple. Calibration can be performed on site.
	50 °C to 200 °C	0,10 °C	Internal method ALGO-TEMP-0004 using bath and platinum resistance thermometer.
Temperature transmitter (span 100°C) with analog signal output (in mA or Volts), connected to temperature sensor	[-40 °C to 140 °C]	0,10 °C	Internal method ALGO-TEMP-0007 using temperature block calibrator and platinum resistance thermometer. Calibration can be performed on site.
	(140 °C to 420 °C]	0,50 °C	
	(420 °C to 1000 °C]	1,7 °C	Internal method ALGO-TEMP-0007 using temperature block calibrator and type S thermocouple. Calibration can be performed on site.
Optical Thermometers, Thermocameras	[-20 °C to 140 °C]	0,30 °C	Internal method ALGO-TEMP-0010 based on guidance VDI/VDE 3511 Part 4.4, using black body apparatus and platinum resistance thermometer. Calibration can be performed on site.
	[140 °C to 250 °C]	2,3 °C	
	(250 °C to 400 °C]	3,5 °C	
Thermal cyclers (PCR)	50 °C to 100 °C	0,12 °C	Internal method ALGO-TEMP-0009 based on guidance ISO 20836:2021, using twenty temperature sensors and temperature recording system. Calibration can be performed on site.

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
Humidity measurements			
Analog – digital direct reading relative humidity measuring instruments humidity, Humidity recorders	15 %RH to 95 %RH at 25 °C	1,0 %RH to 1,4 %RH	Internal methodALGO-HUM-0002 using climatic chamber and reference humidity sensor.
Climatic chambers of volume up to 2000 L	15 %RH to 95 %RH at 25 °C	1,1 %RH to 1,5 %RH	According to guide DKD-R 5-7 09/2018. Calibration can be performed on site.
Physical Measurements			
Velocity / Fixed speed limit monitoring systems	30 km/h to 250 km/h	2,5 km/h	Internal method ALGO-TRA-0001. Calibration can be performed on site.
Chemical Measurements			
pH-meters	1 pH έως 12 pH	0,022 pH	Internal method ALGO-CHEM-0001 using standard reference solutions. Calibration can be performed on site.
Density Measurements			
Hydrometers	0,85 g/cm^3 έως 1,2 g/cm	$6{,}0\cdot10^{-4}$ g/cm^3 to $6{,}5\cdot10^{-4}$ g/cm^3	Internal method ALGO-DENS-0001 based on Cuckow methodology.
Volume Measurements			
Mechanical – digital Pipettes, Dispensers.	[0,1 µL to 1 µL]	5,0 %	According to guide EURAMET/cg-19/ v3.0 (09/2018) and standards: ISO 8655-2:2022 ISO 8655-6:2022
	(1 µL to 2 µL]	2,0 %	
	(2 µL to 10 µL]	0,5 %	
	[10 µL to 100 µL]	0,8 % to 0,21 %	
	(100 µL to 1000 µL]	0,21 % to 0,12 %	
	(1000 µL to 10 mL]	0,12 %	
Titrators	[0,05 mL to 1 mL]	0,9 % to 0,094 %	
	(1 mL to 10 mL]	0,094 % to 0,024 %	
	(10 mL to 100 mL]	0,024 % to 0,018 %	
Siphons – Burettes, type «Ex» and «In» with volume V (ml), internal neck diameter D (mm)	[0,2 mL to 1 mL] / D=5mm	1,1% to 0,1 %	
	[0,2 mL to 1 mL] / D=10mm	4,5% to 0,5%	
	[1 mL to 10 mL] / D=5mm	0,1% to 0,02 %	
	[1 mL to 10 mL] / D=10mm	0,5% to 0,05 %	
	[1 mL to 10 mL] / D=15mm	1,0% to 0,1 %	
	[10 mL to 50 mL] / D=5mm	0,02% to 0,009 %	
	[10 mL to 50 mL] / D=10mm	0,05% to 0,01 %	
	[10 mL to 50 mL] / D=15mm	0,1% to 0,02 %	
	[10 mL to 50 mL] / D=20mm	0,2% to 0,04 %	
	[10 mL to 50 mL] / D=30mm	0,4% to 0,08 %	
	[50 mL to 100 mL] / D=5mm	0,009% to 0,08 %	
	[50 mL to 100 mL] / D=10mm	0,01% to 0,08 %	
	[50 mL to 100 mL] / D=15mm	0,02% to 0,08 %	
	[50 mL to 100 mL] / D=20mm	0,04% to 0,08 %	
	[50 mL to 100 mL] / D=30 mm	0,08% to 0,08 %	
	[50 mL to 100 mL] / D=40 mm	0,15% to 0,09 %	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
Glass - Plastic - Metallic Volumetric vessels, Flasks, Containers, type «Ex» and «In» with volume V (ml), and internal neck diameter D (mm)	[1 mL to 10 mL] / D=5 mm	0,12 % to 0,016 %	Calibration according to standards and guides: ASTM E542: 2022 OIML R-120:2010 OIML R-43:1981 ISO 4787:2021 ISBN 978-963-88410-0-1:2009 IMEKO (p. 2344)
	[1 mL to 10 mL] / D=10 mm	0,47 % to 0,05 %	
	[1 mL to 10 mL] / D=15 mm	1,1 % to 0,1 %	
	[1 mL to 10 mL] / D=20 mm	1,9 % to 0,2 %	
	[10 mL to 100 mL] / D=5 mm	0,016 % to 0,01 %	
	[10 mL to 100 mL] / D=10 mm	0,05 % to 0,01 %	
	[10 mL to 100 mL] / D=15 mm	0,1 % to 0,01 %	
	[10 mL to 100 mL] / D=20 mm	0,2 % to 0,02 %	
	[10 mL to 100 mL]/ D=30 mm	0,4 % to 0,04 %	
	[100 mLto 1 L] / D: (5 mm to 10 mm)	0,01 % to 0,008 %	
	[100 mL to 1 L] / D=15 mm	0,01 % to 0,008 %	
	[100 mL to 1 L]/ D=20 mm	0,02 % to 0,009 %	
	[100 mL to 1 L] / D=30 mm	0,04% to 0,009 %	
	[1 L to 5 L] / D: (5mm to 15mm)	0,008 % to 0,037 %	
	[1 L to 5 L] / D:(20 mm to 30 mm)	0,009 % to 0,037 %	
	[1 L to 5 L] / D:(40 mm to 60 mm)	0,02 % to 0,037 %	
	[5 L to 20 L] / D=60 mm	0,037 % to 0,032 %	
	[5 L to 20 L] / D=80 mm	0,039 % to 0,032 %	
	[5 L to 20 L] / D=100 mm	0,040 % to 0,032 %	
Dimensional Measurements			
Calipers, analog - digital	0 mm to 300 mm d = (0,01 to 0,1) mm	0,6 d	Internal method ALGO-DIM-0001. Comparative calibration using gauge blocks and gauge rods.
Depth calipers	0 mm to 300 mm d = (0,01 to 0,1) mm	0,6 d	
External Micrometers, analog - digital	0 mm to 200 mm		Internal method ALGO-DIM-0002. Comparative calibration using gauge blocks and gauge rods.
	d = 0,001 mm	0,6 µm to 3,7 µm	
	d = 0,01mm	6 µm to 6,9 µm	
Sieves	Nominal opening 20 µm to 125 mm	3,5 µm with lens x50) 6,5 µm (with lens x30)	Calibration according to standards: ISO 3310-1:2016 ISO 3310-2:2013 ASTM E11:2022 ISO 5223:1995 EN 933-3:2012
Profile projectors, Micrometers with scale	0 mm to 50 mm	(d=0,0001mm) 0,87 µm (d=0,001mm) 1,1 µm (x30 < with lens< x50)	Internal method ALGO-DIM-0004. Comparative calibration using glass microscales. Calibration can be performed on site.
	50 mm to 300 mm	(d=0,0001mm) 2,9 µm (d=0,001mm) 3,0 µm (with lens < x30)	
Dial gauges	0 mm to 25 mm		Internal method ALGO-DIM-0006. Comparative measurement using dial indicator.
	R = 2 µm	3,6 µm	
	R = 5 µm	4,0 µm	
	R = 10 µm	6,4 µm	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
	R = 20 µm	12 µm	
	R = 100 µm	58 µm	
	R = 5 µm	13 µm	Internal method ALGO-DIM-0006. Comparative measurement using dial indicator. Calibration is performed on site.
	R = 10 µm	14 µm	
	R = 20 µm	17 µm	
	R = 100 µm	59 µm	
	0 mm to 100 m	0,5 µm	Internal method ALGO-DIM-0006. Comparative measurement using gauge blocks.
Cubic moulds for concrete specimens 150x150x150 mm	Internal dimensions	0,02 mm	Internal method ALGO-DIM-0005. Tolerances according to EN 12390-1:2021.
	Perpedicularity	4 µm	
	Flatness	3 µm	
Cylindrical moulds (Standard proctor moulds) 4 in	Internal diameter: 101,6 mm or 152,4 mm Height A: 116,4 mm or 177,8 mm Height B: 50,8 mm	0,02mm	Internal method ALGO-DIM-0005. Tolerances according to ASTM D698:2021 §6.1.1.
Cylindrical moulds (Modified proctor moulds) 6 in		0,03mm	Internal method ALGO-DIM-0005. Tolerances according to ASTM D698:2022, §6.1.2.
CBR cylindrical moulds (CBR moulds) 6 in		0,04mm	Internal method ALGO-DIM-0005 Tolerances according to ASTM D1883:2021 §5.2.
Graduated rulers	0 mm to 3000 mm	0,25d d: minimum scale division in mm, 0,5mm	Internal method ALGO-DIM-0005 based on OIML R35-2: 2011 §7.5, §7.6
Extensionmeters	0 mm to 50 mm	0,6µm + (0,85 µm per mm)	According to standards: ISO 9513:2012 ASTM E83:2016 Calibration can be performed on site.
Electrical measurements			
DC Voltage (Generation) / DC Voltage Measuring Equipment	(0 mV to 329,9999 mV]	$1{,}8\cdot 10^{-5}$	Internal method ALGO-DCLF-0001 based on EURAMET cg-15 v3.0:2015, using standard multifunction calibrator. Calibration can be performed on site.
	(0 V to 3,299999 V]	$8{,}3\cdot 10^{-6}$	
	(0 V to 32,99999 V]	$1{,}0\cdot 10^{-5}$	
	[30 V to 329,9999 V]	$1{,}5\cdot 10^{-5}$	
	[100 V to 1020,000 V]	$1{,}5\cdot 10^{-5}$	
DC Voltage (Measurement) / DC Voltage Generators	[100 µV to 200 mV]	$1{,}5\cdot 10^{-5}$	Internal method ALGO-DCLF-0006 using standard high-accuracy multimeter. Calibration can be performed on site.
	(200 mV to 2 V]	$9{,}0\cdot 10^{-6}$	
	(2 V to 20 V]	$8{,}0\cdot 10^{-6}$	
	(20 V to 200 V]	$1{,}1\cdot 10^{-5}$	
	(200 V to 1000 V]	$1{,}3\cdot 10^{-5}$	
DC Voltage (Measurement)/ DC Voltage Calibrators	0,00001 mV to 100 mV]	$8{,}0\cdot 10^{-6}$	Internal method ALGO-DCLF-0016 using standard multimeter (transfer standard)
	(100mV to 1 V]	$4{,}0\cdot 10^{-6}$	
	(1V to 10 V]	$2{,}0\cdot 10^{-6}$	
	(10V to 100 V]	$3{,}0\cdot 10^{-6}$	
	(100V to 1000 V]	$4{,}0\cdot 10^{-6}$	
AC Voltage (Generation) / AC Voltage Measuring Equipment	1,0 mV to 32,999 mV [10 Hz to 45 Hz]	$8{,}1\cdot 10^{-4}$	Internal method ALGO-DCLF-0002 using standard multifunction calibrator. Calibration can be performed on site.
	(45 Hz to 10 kHz]	$2{,}8\cdot 10^{-4}$	
	(10 kHz to 20 kHz]	$2{,}8\cdot 10^{-4}$	
	(20 kHz to 50 kHz]	$9{,}3\cdot 10^{-4}$	
	(50 kHz to 100 kHz]	$9{,}4\cdot 10^{-4}$	
	(100 kHz to 500 KHz]	$3{,}0\cdot 10^{-3}$	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
	33,0 mV to 329,999 mV		
	[10 Hz to 45 Hz]	$2{,}6\cdot 10^{-4}$	
	(45 Hz to 10 kHz]	$4{,}6\cdot 10^{-4}$	
	(10 kHz to 20 kHz]	$1{,}4\cdot 10^{-4}$	
	(20 kHz to 50 kHz]	$1{,}5\cdot 10^{-4}$	
	(50 kHz to 100 kHz]	$2{,}9\cdot 10^{-4}$	
	(100 kHz to 500 KHz]	$7{,}1\cdot 10^{-4}$	
	0,33 V to 3,29999 V		
	[10 Hz to 45 Hz]	$2{,}8\cdot 10^{-4}$	
	(45 Hz to 10 kHz]	$2{,}7\cdot 10^{-4}$	
	(10 kHz to 20 kHz]	$1{,}6\cdot 10^{-4}$	
	(20 kHz to 50 kHz]	$2{,}5\cdot 10^{-4}$	
	(50 kHz to 100 kHz]	$5{,}8\cdot 10^{-4}$	
	(100 kHz to 500 KHz]	$5{,}8\cdot 10^{-4}$	
	3,3 V to 32,9999 V		
	[10 Hz to 45 Hz]	$2{,}5\cdot 10^{-4}$	
	(45 Hz to 10 kHz]	$4{,}0\cdot 10^{-4}$	
	(10 kHz to 20 kHz]	$1{,}3\cdot 10^{-4}$	
	(20 kHz to 50 kHz]	$2{,}0\cdot 10^{-4}$	
	(50 kHz to 100 kHz]	$2{,}9\cdot 10^{-4}$	
	33 V to 329,999 V		
	10 Hz to 45 Hz]	$2{,}1\cdot 10^{-4}$	
	(45 Hz to 10 kHz]	$1{,}5\cdot 10^{-4}$	
	(10 kHz to 20 kHz]	$1{,}7\cdot 10^{-4}$	
	(20 kHz to 50 kHz]	$2{,}7\cdot 10^{-4}$	
	(50 kHz to 100 kHz]	$2{,}7\cdot 10^{-4}$	
	330 V to 1020 V		
	45 Hz to 1 kHz]	$2{,}6\cdot 10^{-4}$	
	(1 kHz to 5 kHz]	$2{,}0\cdot 10^{-4}$	
	(5 kHz to 10 kHz]	$2{,}1\cdot 10^{-4}$	
AC Voltage (Generation) / AC Voltage Measuring Equipment	10 mV to 200 mV		Internal method ALGO-DCLF-0007 using standard high-accuracy multimeter. Calibration can be performed on site.
	[20 Hz to 40 Hz]	$1{,}3\cdot 10^{-3}$	
	(40 Hz to 1 kHz]	$5{,}0\cdot 10^{-4}$	
	(1 kHz to 10 kHz]	$6{,}2\cdot 10^{-4}$	
	(10 kHz to 30 kHz]	$3{,}6\cdot 10^{-2}$	
	(30 kHz to 100 kHz]	$3{,}6\cdot 10^{-2}$	
	(200 mV to 2 V]		
	[20 Hz to 40 Hz]	$1{,}4\cdot 10^{-3}$	
	(40 Hz to 1 kHz]	$3{,}3\cdot 10^{-4}$	
	(1 kHz to 10 kHz]	$4{,}8\cdot 10^{-4}$	
	(10 kHz to 30 kHz]	$2{,}4\cdot 10^{-3}$	
	(30 kHz to 100 kHz]	$2{,}4\cdot 10^{-3}$	
	(100 kHz to 300 kHz]	$3{,}3\cdot 10^{-2}$	
	(300 kHz to 1 MHz]	$3{,}6\cdot 10^{-2}$	
	(2 V to 20 V]		
	[20 Hz to 40 Hz]	$1{,}3\cdot 10^{-3}$	
	(40 Hz to 1 kHz]	$3{,}3\cdot 10^{-4}$	
	(1 kHz to 10 kHz]	$3{,}6\cdot 10^{-4}$	
	(10 kHz to 30 kHz]	$2{,}4\cdot 10^{-3}$	
	(30 kHz to 100 kHz]	$2{,}4\cdot 10^{-3}$	
	(100 kHz to 300 kHz]	$3{,}6\cdot 10^{-2}$	
	(300 kHz to 1 MHz]	$3{,}6\cdot 10^{-2}$	
	(20 V to 200 V		
	[40 Hz to 1 kHz]	$3{,}3\cdot 10^{-4}$	
	(1 kHz to 10 kHz]	$3{,}6\cdot 10^{-4}$	
	(10 kHz to 30 kHz]	$2{,}4\cdot 10^{-3}$	
	(30 kHz to 100 kHz]	$2{,}5\cdot 10^{-3}$	
	(200 V to 700 V		
	[20 Hz to 40 Hz]	$1{,}3\cdot 10^{-3}$	
	(40 Hz to 1 kHz]	$5{,}6\cdot 10^{-4}$	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
AC Voltage (Measurement)/ AC Voltage Calibrators	1 mV		Internal method ALGO-DCLF-0016 using standard multimeter (transfer standard).
	[10 Hz to 1 kHz]	$4{,}2\cdot 10^{-3}$ to $4{,}1\cdot 10^{-3}$	
	[1 kHz to 100 kHz]	$4{,}1\cdot 10^{-3}$ to $5{,}4\cdot 10^{-3}$	
	[100 kHz to 500 kHz]	$5{,}4\cdot 10^{-3}$ to $2{,}2\cdot 10^{-2}$	
	[500 kHz to 1 MHz]	$2{,}2\cdot 10^{-2}$ to $2{,}3\cdot 10^{-2}$	
	10 mV		
	[10 Hz to 1 kHz]	$6{,}0\cdot 10^{-4}$ to $4{,}7\cdot 10^{-4}$	
	[1 kHz to 100 kHz]	$4{,}7\cdot 10^{-4}$ to $9{,}0\cdot 10^{-4}$	
	[100 kHz to 500 kHz]	$9{,}0\cdot 10^{-4}$ to $3{,}1\cdot 10^{-3}$	
	[500 kHz to 1 MHz]	$3{,}1\cdot 10^{-3}$ to $4{,}4\cdot 10^{-3}$	
	100 mV		
	[10 Hz to 1 kHz]	$3{,}2\cdot 10^{-4}$ to $1{,}4\cdot 10^{-4}$	
	[1 kHz to 100 kHz]	$1{,}4\cdot 10^{-4}$ to $5{,}7\cdot 10^{-4}$	
	[100 kHz to 500 kHz]	$5{,}7\cdot 10^{-4}$ to $1{,}4\cdot 10^{-3}$	
	[500 kHz to 1 MHz]	$1{,}4\cdot 10^{-3}$ to $2{,}9\cdot 10^{-3}$	
	1 V		
	[10 Hz to 1 kHz]	$2{,}4\cdot 10^{-4}$ to $4{,}5\cdot 10^{-5}$	
	[1 kHz to 100 kHz]	$4{,}5\cdot 10^{-5}$ to $1{,}3\cdot 10^{-4}$	
	[100 kHz to 500 kHz]	$1{,}3\cdot 10^{-4}$ to $1{,}0\cdot 10^{-3}$	
	[500 kHz to 1 MHz]	$1{,}0\cdot 10^{-3}$ to $1{,}6\cdot 10^{-3}$	
	10 V		
	[10 Hz to 1 kHz]	$2{,}4\cdot 10^{-4}$ to $4{,}2\cdot 10^{-5}$	
	[1 kHz to 100 kHz]	$4{,}2\cdot 10^{-5}$ to $1{,}1\cdot 10^{-4}$	
	[100 kHz to 500 kHz]	$1{,}1\cdot 10^{-4}$ to $1{,}0\cdot 10^{-3}$	
	[500 kHz to 1 MHz]	$1{,}0\cdot 10^{-3}$ to $1{,}6\cdot 10^{-3}$	
	19 V, 1 kHz	$4{,}0\cdot 10^{-5}$	
	100 V		
	[10 Hz to 1 kHz]	$2{,}4\cdot 10^{-4}$ to $5{,}1\cdot 10^{-5}$	
	[1 kHz to 100 kHz]	$5{,}1\cdot 10^{-5}$ to $1{,}5\cdot 10^{-4}$	
	[100 kHz to 200 kHz]	$1{,}5\cdot 10^{-4}$ to $8{,}6\cdot 10^{-4}$	
	700V		
	50 kHz to 100 kHz	$2{,}5\cdot 10^{-4}$ to $6{,}7\cdot 10^{-4}$	
	1000 V		
	[40 Hz to 1 kHz]	$7{,}9\cdot 10^{-5}$	
	[1 kHz to 30 kHz]	$7{,}9\cdot 10^{-5}$ to $2{,}5\cdot 10^{-4}$	
DC Current (Generation) / DC Current Measuring Equipment	(0 mA to 329.999 mA]	$2{,}0\cdot 10^{-4}$	Internal method ALGO-DCLF-0003 based on EURAMET cg-15 v3.0:2015, using standard multifunction calibrator. Calibration can be performed on site.
	(0 mA to 3.29999 mA]	$9{,}0\cdot 10^{-5}$	
	(0 mA to 32.9999 mA]	$9{,}2\cdot 10^{-5}$	
	(0 mA to 329.999 mA]	$9{,}2\cdot 10^{-5}$	
	(0 A to 1.09999 A]	$1{,}9\cdot 10^{-4}$	
	(1.1 A to 2.99999 A]	$3{,}1\cdot 10^{-4}$	
	(0 A to 10.0000 A]	$4{,}5\cdot 10^{-4}$	
DC Current (Generation) / DC Current Clamp Meters	2 A	$5{,}1\cdot 10^{-4}$	Internal method ALGO-DCLF-0012 using standard current source. Calibration can be performed on site.
	20 A	$5{,}1\cdot 10^{-4}$	
	100 A	$7{,}1\cdot 10^{-4}$	
	1000 A	$6{,}4\cdot 10^{-3}$	
DC Current (Measurement) / DC Current Calibrators up to 10 A	(0,0001 µA to 100 µA]	$9{,}2\cdot 10^{-5}$	Internal method ALGO-DCLF-0016 using standard multimeter (transfer standard). Calibration can be performed on site.
	(100 µA to 1 mA]	$3{,}2\cdot 10^{-5}$	
	(1 mA to 10 mA]	$2{,}9\cdot 10^{-5}$	
	(10 mA to 100 mA]	$4{,}2\cdot 10^{-5}$	
	(100 mA to 1 A]	$6{,}2\cdot 10^{-5}$	
	(1 A to 10 A]	$3{,}8\cdot 10^{-4}$	
DC Current (Measurement) / DC Current Calibrators - Generators up to 100 A	[2 mA to 20 mA]	$1{,}1\cdot 10^{-4}$	Internal method ALGO-DCLF-0015 using standard current shunts and standard high-accuracy multimeter. Calibration can be performed on site.
	[20 mA to 200 mA]	$1{,}1\cdot 10^{-4}$	
	[200 mA to 2 A]	$1{,}1\cdot 10^{-4}$ to $2{,}1\cdot 10^{-4}$	
	[2 A to 20 A]	$2{,}1\cdot 10^{-4}$	
	[20 A to 100 A]	$2{,}1\cdot 10^{-4}$ to $5{,}1\cdot 10^{-4}$	
DC Current (Measurement) / DC Current Generators up to	100 µA to 2 A	$1{,}6\cdot 10^{-4}$	Internal method ALGO-DCLF-0008 using standard high-accuracy

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
2 A			multimeter. Calibration can be performed on site.
AC Current (Generation) / AC Current Measuring Equipment	29,00 µA to 329,99 µA [10 Hz to 20 Hz]	$1{,}8\cdot 10^{-3}$	Internal method ALGO-DCLF-0004 based on EURAMET cg-15 v3.0:2015, using a standard multifunction calibrator. Calibration can be performed on site.
	(20 Hz to 45 Hz]	$1{,}6\cdot 10^{-3}$	
	(45 Hz to 1 kHz]	$1{,}4\cdot 10^{-3}$	
	(1 kHz to 5 kHz]	$2{,}7\cdot 10^{-3}$	
	(5 kHz to 10 kHz]	$7{,}0\cdot 10^{-3}$	
	(10 kHz to 30 kHz]	$9{,}2\cdot 10^{-3}$	
	0,33 mA to 3,29999 mA [10 Hz to 20 Hz]	$1{,}6\cdot 10^{-3}$	
	(20 Hz to 45 Hz]	$1{,}0\cdot 10^{-3}$	
	(45 Hz to 1 kHz]	$8{,}1\cdot 10^{-4}$	
	(1 kHz to 5 kHz]	$2{,}1\cdot 10^{-3}$	
	(5 kHz to 10 kHz]	$6{,}7\cdot 10^{-3}$	
	(10 kHz to 30 kHz]	$8{,}4\cdot 10^{-4}$	
	3,3 mA to 32,9999 mA [10 Hz to 20 Hz]	$1{,}6\cdot 10^{-3}$	
	(20 Hz to 45 Hz]	$1{,}0\cdot 10^{-3}$	
	(45 Hz to 1 kHz]	$8{,}1\cdot 10^{-4}$	
	(1 kHz to 5 kHz]	$1{,}6\cdot 10^{-3}$	
	(5 kHz to 10 kHz]	$3{,}9\cdot 10^{-3}$	
	(10 kHz to 30 kHz]	$7{,}9\cdot 10^{-3}$	
	33 mA to 329,999 mA [10 Hz to 20 Hz]	$1{,}4\cdot 10^{-3}$	
	(20 Hz to 45 Hz]	$7{,}5\cdot 10^{-3}$	
	(45 Hz to 1 kHz]	$3{,}7\cdot 10^{-4}$	
	(1 kHz to 5 kHz]	$4{,}0\cdot 10^{-4}$	
	(5 kHz to 10 kHz]	$1{,}6\cdot 10^{-3}$	
	(10 kHz to 30 kHz]	$3{,}2\cdot 10^{-3}$	
	0,33 A to 1,09999 A [10 Hz to 45 Hz]	$1{,}5\cdot 10^{-3}$	
	(45 Hz to 1 kHz]	$1{,}5\cdot 10^{-3}$	
	(1 t kHz o 5 kHz]	$4{,}8\cdot 10^{-4}$	
	(5 kHz to 10 kHz]	$2{,}0\cdot 10^{-2}$	
	1,1 A to 2,09999 A [10 Hz to 45 Hz]	$1{,}5\cdot 10^{-3}$	
	(45 Hz to 1 kHz]	$5{,}0\cdot 10^{-4}$	
	(1 kHz to 5 kHz]	$5{,}0\cdot 10^{-4}$	
	(5 kHz to 10 kHz]	$2{,}1\cdot 10^{-2}$	
	3 A to 10,9999 A [45 Hz to 100 Hz]	$6{,}3\cdot 10^{-4}$	
	(100 Hz to 1 kHz]	$1{,}3\cdot 10^{-3}$	
	(1 kHz to 5 kHz]	$1{,}6\cdot 10^{-2}$	
AC Current (Generation) / AC Current Clamp Meters, 50 Hz	2 A	$2{,}5\cdot 10^{-3}$	Internal method ALGO-DCLF-0012 using standard current generation device. Calibration can be performed on site.
	20 A	$2{,}9\cdot 10^{-3}$	
	100 A	$4{,}7\cdot 10^{-3}$	
	1000 A	$6{,}4\cdot 10^{-3}$	
AC Current (Measurement) / AC Current Calibrators up to 10 A	100 µA 10 Hz to 5 kHz	$3{,}7\cdot 10^{-4}$ to $3{,}6\cdot 10^{-4}$	Internal method ALGO-DCLF-0016 using standard multimeter (transfer standard)
	1 mA 10 Hz to 5 kHz	$2{,}5\cdot 10^{-4}$ to $2{,}8\cdot 10^{-4}$	
	10 mA 10 Hz to 5 kHz	$2{,}5\cdot 10^{-4}$ to $2{,}3\cdot 10^{-4}$	
	100 mA 10 Hz to 5 kHz	$2{,}5\cdot 10^{-4}$ to $2{,}1\cdot 10^{-4}$	
	1 A 20 Hz to 5 kHz	$2{,}7\cdot 10^{-4}$ to $4{,}3\cdot 10^{-4}$	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
	10 A 40 Hz to 10 kHz	$3{,}9\cdot 10^{-4}$ to $3{,}1\cdot 10^{-3}$	
AC Current (Measurement) / AC Current Calibrators - Generators up to 100 A	2 mA to 20 mA 50 Hz to 1 kHz	$1{,}2\cdot 10^{-3}$	Internal method ALGO-DCLF-0015 using standard current shunts and standard high-accuracy multimeter. Calibration can be performed on site.
	20 mA to 200 mA 50 Hz to 1 kHz	$1{,}2\cdot 10^{-3}$	
	200 mA to 2 A 50 Hz to 1 kHz	$1{,}2\cdot 10^{-3}$	
	2 A to 20 A 50 Hz to 1 kHz	$1{,}2\cdot 10^{-3}$	
	20 A to 100 A 50 Hz to 1 kHz	$1{,}2\cdot 10^{-3}$	
AC Current (Measurement) / AC Current Generators up to 2 A	10 mA to 2 A [30 Hz to 300 Hz]	$1{,}0\cdot 10^{-3}$	Internal method ALGO-DCLF-0009 using standard high-accuracy multimeter. Calibration can be performed on site.
	(300 Hz to 1 kHz]	$1{,}1\cdot 10^{-3}$	
	(1 kHz to 5 kHz]	$3{,}1\cdot 10^{-3}$	
4-wire Resistance (Generation) / Resistance Measuring Equipment	(0 Ω to 10,9999 Ω]	$5{,}8\cdot 10^{-5}$	Internal method ALGO-DCLF-0005 based on EURAMET cg-15 v3.0:2015, using standard multifunction calibrator. Calibration can be performed on-site.
	11 to 32,9999 Ω	$2{,}4\cdot 10^{-5}$	
	33 to 109,9999 Ω	$2{,}3\cdot 10^{-5}$	
	110 Ω to 329,9999 Ω	$2{,}2\cdot 10^{-5}$	
	330 Ω to 1,099999 kΩ	$2{,}2\cdot 10^{-5}$	
	1,1 kΩ to 3,299999 kΩ	$2{,}2\cdot 10^{-5}$	
	3,3 kΩ to 10,99999 kΩ	$2{,}2\cdot 10^{-5}$	
	11 kΩ to 32,99999 kΩ	$2{,}2\cdot 10^{-5}$	
	33 kΩ to 109,9999 kΩ	$2{,}2\cdot 10^{-5}$	
	110 kΩ to 329,99999 kΩ	$2{,}7\cdot 10^{-5}$	
	330 kΩ to 1,099999 MΩ	$2{,}6\cdot 10^{-5}$	
	1,1 MΩ to 3,299999 MΩ	$4{,}7\cdot 10^{-5}$	
	3,3 MΩ to 10,99999 MΩ	$4{,}8\cdot 10^{-5}$	
	11 MΩ to 32,99999 MΩ	$2{,}0\cdot 10^{-4}$	
	33 MΩ to 109,9999 MΩ	$4{,}0\cdot 10^{-4}$	
2-wire Resistance (Generation) / Resistance Measuring Equipment	10 Ω	$1{,}3\cdot 10^{-3}$	Internal method ALGO-DCLF-0005 based on the EURAMET cg-15 v3.0:2015, using standard multifunction calibrator. Calibration can be performed on-site.
	100 Ω	$2{,}0\cdot 10^{-4}$	
	1 kΩ	$1{,}7\cdot 10^{-4}$	
	10 kΩ	$2{,}4\cdot 10^{-5}$	
	100 kΩ	$1{,}2\cdot 10^{-5}$	
	1 MΩ	$2{,}4\cdot 10^{-5}$	
	10 MΩ	$7\cdot 10^{-4}$	
	100 MΩ	$8\cdot 10^{-3}$	
Resistance / Insulation testers, Megohmmeters	1 MΩ	3,7 kΩ	Internal method ALGO-DCLF-0019 using standard resistors. Calibration can be performed on-site.
	10 MΩ	37 kΩ	
	100 MΩ	370 kΩ	
	1 GΩ	3,8 MΩ	
	10 GΩ	42 MΩ	
	100 GΩ	0,95 GΩ	
	1 TΩ	17 GΩ	
	10 TΩ	730 GΩ	
	100 TΩ	1,8 TΩ	
Resistance (Measurement) / Resistance Calibrators	10 Ω	$2{,}0\cdot 10^{-5}$	Internal method ALGO-DCLF-0016 using standard multimeter (transfer standard).
	100 Ω	$8{,}0\cdot 10^{-6}$	
	1 kΩ	$6{,}5\cdot 10^{-6}$	
	10 kΩ	$6{,}5\cdot 10^{-6}$	
	100 kΩ	$8{,}0\cdot 10^{-6}$	
	1 MΩ	$1{,}3\cdot 10^{-5}$	
	10 MΩ	$2{,}7\cdot 10^{-5}$	
	100 MΩ	$8{,}5\cdot 10^{-5}$	
	[0,1 Ω to 200 Ω]	$1{,}6\cdot 10^{-5}$	
	(200 Ω to 2 kΩ]	$1{,}3\cdot 10^{-5}$	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
4-wire Resistance (Measurement) / Standard Resistors	(2 kΩ to 20 kΩ]	$1{,}3 \cdot 10^{-5}$	Internal method ALGO-DCLF-0010 using standard high-accuracy multimeter. Calibration can also be performed on-site.
	(20 kΩ to 200 kΩ]	$1{,}4 \cdot 10^{-5}$	
	(200 kΩ to 2 MΩ]	$2{,}7 \cdot 10^{-5}$	
	(2 MΩ to 20 MΩ]	$5{,}1 \cdot 10^{-5}$	
	(20 MΩ to 200 MΩ]	$2{,}3 \cdot 10^{-4}$	
2-wire Resistance (Measurement) / Standard Resistors	[0,1 Ω to 200 Ω]	$1{,}2 \cdot 10^{-3}$	Internal method ALGO-DCLF-0010 using standard high-accuracy multimeter. Calibration can also be performed on-site.
	(200 Ω to 2 kΩ]	$2{,}1 \cdot 10^{-4}$	
	(2 kΩ to 20 kΩ]	$2{,}8 \cdot 10^{-5}$	
	(20 kΩ to 200 kΩ]	$1{,}6 \cdot 10^{-5}$	
	(200 kΩ to 2 MΩ]	$2{,}8 \cdot 10^{-5}$	
	(2 MΩ to 20 MΩ]	$5{,}1 \cdot 10^{-5}$	
	(20 MΩ to 200 MΩ]	$2{,}3 \cdot 10^{-4}$	
Resistance (Measurement) / Current shunts	0,001 Ω	$5{,}0 \cdot 10^{-4}$	Internal methodALGO-DCLF-0014 using standard current source and standard high-accuracy multimeter. Calibration can be performed on-site.
	0,01 Ω	$2{,}8 \cdot 10^{-4}$	
	0,1 Ω	$1{,}5 \cdot 10^{-4}$	
	1 Ω	$8{,}4 \cdot 10^{-5}$	
	10 Ω	$8{,}0 \cdot 10^{-5}$	
	100 Ω	$8{,}0 \cdot 10^{-5}$	
DC Voltage (Generation) / Temperature Indicators without cold junction compensation	±100 mV -270 °C to 1700 °C	0,07 °C	According to guide EURAMET/ cg-11/v.2:2011. Calibration can be performed on-site.
DC Voltage (Generation) / Temperature Indicators with cold junction compensation	±100 mV -270 °C to 1700 °C	0,27 °C	
pH-meters (voltage measurement)	-410 mV to 410 mV	0,01 mV	Internal method ALGO-DCLF-0021 using voltage signal simulation. Measurement range corresponds to pH values 0 to 14. Calibration can be performed on-site.
High voltage DC/AC generation systems	[3 kV to 50 kV]	DC: 0,30 kV AC: 0,72 kV	Internal method ALGO-DCLF-0020 using standard high voltage divider. Calibration can be performed on-site.
	(50 kV to 90 kV]	DC: 0,52 kV AC: 1,0 kV	
	(90 kV to 100 kV]	DC: 0,59 kV AC: 1,2 kV	
Time / Frequency measurements			
Timers	0 s to 21.600 s	0,23 s	Internal method ALGO-DCLF-0018 using Rubidium frequency standard and standard frequency counter.
Frequency counters	1 MHz	14 µHz	Internal method ALGO-DCLF-0017 using Rubidium frequency standard.
	10 MHz	230 µHz	
Optical tachometers	600 rpm (10 Hz)	$14{,}2 \cdot 10^{-2}$ rpm	Internal method ALGO-DCLF-0013 using standard multifunction calibrator and standard frequency counter. Calibration can be performed on-site.
	900 rpm (15 Hz)	$14{,}3 \cdot 10^{-2}$ rpm	
	3.000 rpm (50 Hz)	$16 \cdot 10^{-2}$ rpm	
	15.000 rpm (250 Hz)	$23 \cdot 10^{-2}$ rpm	
	30.000 rpm (500 Hz)	$31 \cdot 10^{-2}$ rpm	
	60.000 rpm (1000 Hz)	0,5 rpm	
	90.000 rpm (1500 Hz)	0,8 rpm	
Centrifuges, Centrifuge extractors, Mixers	0 rpm to 90 000 rpm	3,0 rpm	Internal method:ALGO-RPM-0001, using tachometer.

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
			Calibration can be performed on-site.
Mass Measurements			
Standard weights			Capability to calibrate standard weights up to (including) OIML R 111-1:2004 Class:
	[1 mg to 10 mg]	0,010 mg	F2
	[20 mg to 100 mg]	0,010 mg	F1
	200 mg	0,010 mg	
	500 mg	0,013 mg	
	1 g	0,015 mg	
	2 g	0,020 mg	
	5 g	0,021 mg	
	10 g	0,025 mg	
	20 g	0,031 mg	
	50 g	0,040 mg	
	100 g	0,060 mg	
	200 g	0,12 mg	
	500 g	0,90 mg	F2
	1 kg	1,0 mg	F1
	2 kg	1,4 mg	
	5 kg	3,2 mg	
	10 kg	82 mg	M1
	20 kg	83 mg	F2
	50 kg	0,17 g	
Non-automatic weighing instruments	1 mg	2 µg	According to guide EURAMET/cg-18/v.04:2015. Available Standard Weights OIML R 111-1:2004: Class E2 in the range from 1mg to 5 kg. Max. grouped load: 11,1 kg. Class F1 in the range from 1mg to 5 kg. Max. grouped load: 11,1 kg. Class F2 in the range from 1mg to 5 kg. Max. grouped load: 11,1 kg. Class F2 in the range from 10 kg to 20 kg. Max. grouped load: 50 kg. Class M1 in the range from 10 kg to 20 kg. Max. grouped load: 700 kg. Calibration is performed on-site.
	2 mg	2 µg	
	5 mg	2 µg	
	10 mg	2 µg	
	20 mg	3 µg	
	50 mg	3 µg	
	100 mg	5 µg	
	200 mg	6 µg	
	500 mg	7 µg	
	1 g	10 µg	
	2 g	10 µg	
	5 g	15 µg	
	10 g	20 µg	
	20 g	30 µg	
	[50 g to 1 kg]	$1 \cdot 10^{-6}$	
	(1~~2~~ kg to 5 kg]	$2 \cdot 10^{-6}$	
	(5 kg to 10 kg]	$6 \cdot 10^{-6}$	
	(10 kg to 60 kg]	$5 \cdot 10^{-5}$	
	(60 kg to 750 kg]	$6 \cdot 10^{-5}$	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
	(700 kg to 6,84 t]	$(5,3 \cdot 10^{-5} m + 1,2 \cdot N)$ kg Where: m: value of mass in kg N: number of substitution loads	According to guide EURAMET/cg-18/v.v.04:2015 using substitution loads of known density which are provided by the client according to lab recommendation. Calibration is performed on-site.
Force measurements			
Testing machines:			According to ISO 7500-1:2018. Calibration is performed on-site.
- Compression	(0,0001 kN to 1 kN]	0,03 %	Class 0.5 machines
	[2 kN to 20 kN]	0,10 %	,, 1 ,,
	[20 kN to 100 kN]	0,05 %	,, 0.5 ,,
	[100 kN to 450 kN]	0,10 %	,, 1 ,,
	[450 kN to 2000 kN]	0,10 %	,, 1 ,,
	[2000 kN to 3000 kN	0,35 %	,, 1 ,,
- Tension	(0,0001 kN to 1 kN]	0,03 %	Class 0.5 machines
	[2 kN to 22 kN]	0,08 %	,, 0.5 ,,
	[20 kN to 100 kN]	0,05 %	,, 0.5 ,,
	[100 kN to 220 kN]	0,05 %	,, 0.5 ,,
	[220 kN to 450 kN]	0,08 %	,, 0.5 ,,
Compression testing machines:			According to standards: EN 12390-4:2019 ISO 7500-1:2018 Calibration is performed on-site.
- Force transfer	Force ratio in load [200 kN to 2000 kN]	0,01	
- Force rate	[1 kN/s to 100 kN/s]	0,8 %	
- Flatness of machine plates	[5 μm to 30 μm]	3,5 μm	
- Hardness of machine plates	[24 HRC to 63 HRC]	1 HRC	
- Roughness of machine plates	[0.2 Ra to 5 Ra] (μm)	0.011 μm to 0.18 μm	
Load rings, CBR, MARSHAL loading machines	0,1 kN to 100 kN	0,23 % to 0,05 %	According to standards: ISO 7500-1: 2018 BS 1377-1:2016 Calibration is performed on-site.
Torque Measurements			
Torque calibrators	[1 Nm to 85 Nm]	0,25 %	Internal method ALGO-TORQUE-0001 using measuring axis and standard weights.
	(85 Nm to 700 Nm]	0,15 %	
Torque meters	1 Nm to 700 Nm	0,6 %	According to standards: ISO 6789-1:2017 ISO 6789-2:2017 using torque calibrators.
Pressure measurements			
Relative pressure gauges of direct reading, analog – digital, Pressure recorders	[3,5 kPa to 100 kPa]	$3,3 \cdot 10^{-5} \cdot P + 1,0 \cdot 10^{-4}$ (kPa) όπου P : τιμή πίεσης εκφρασμένη σε kPa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using dead weight testers. Medium: gas.
	[0,1 MPa to 10 MPa]	$1,4 \cdot 10^{-5} \cdot P + 4,5 \cdot 10^{-4}$ (MPa) όπου P : τιμή πίεσης εκφρασμένη σε MPa	

Calibration item / Parameters	Range of measurement	Expanded measurement uncertainty (k=2)*	Remarks
	[0,5 MPa to 5,5 MPa]	$5{,}9\cdot10^{-5}\cdot P + 8{,}1\cdot10^{-5}$ (MPa) όπου P : τιμή πίεσης εκφρασμένη σε MPa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using dead weight testers. Medium: oil.
	(5,5 MPa to 55 MPa]	$3{,}7\cdot10^{-5}\cdot P + 9{,}5\cdot10^{-4}$ (MPa) Όπου P : τιμή πίεσης εκφρασμένη σε MPa	
	[-1000 Pa to 0 Pa]	3,6 Pa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using standard pressure transducers. Medium: gas. Calibration can be performed on-site.
	[0 Pa to 1000 Pa]	3,6 Pa	
	[10 kPa to 100 kpa]	4,6 Pa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using standard pressure transducers Medium: gas, oil. Calibration can be performed on-site.
	[200 kPa to 2 Mpa]	0,91 kPa to 1,1 kPa	
	[2 Mpa to 10,3 MPa]	0,82 kPa	
	[10,3 MPa to 34,3 MPa]	4,8 kPa to 5,4 kPa	
	34,3 MPa to 100 MPa	7,9 kPa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using standard pressure transducers. Medium: oil. Calibration can be performed on-site.
Relative negative pressure gauges of direct reading, analog – digital, Pressure recorders	-95 kPa to 0 kPa	0,02 kPa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using standard pressure transducers. Medium: gas. Calibration can be performed on-site.
Absolute pressure gauges of direct reading, analog – digital, Pressure recorders	[10 kPa to 100 kPa]	4,6 Pa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using standard pressure transducers. Medium: gas. Calibration can be performed on-site.
	[200 kPa to 2 MPa]	0,91 kPa to 1,1 kPa	
	[2 MPa to 10,3 MPa]	0,82 kPa	
Barometric Pressure	900 hPa to 1050 hPa	0,25 hPa	According to guide EURAMET/cg-17/v.4.1 (09/2022) using standard pressure transducers and pressure chamber. Medium: gas.
			According to guide EURAMET/cg-17/v.4.1 (09/2022) using standard pressure transducers. Medium: gas. Calibration can be performed on-site.

** Where uncertainty (with a probability of 95% coverage) is accompanied by the corresponding unit, it is absolute, while where it is not accompanied by a unit, it is relative.*

Calibration & Measurement Capability (CMC), includes the measured quantity, measurement range and measurement uncertainty and expresses the smallest measurement uncertainty that can be achieved during a calibration.

Address of permanent laboratory facilities: **46, N. Plastira Str., GR-171 21, N. Smyrni, Attiki, Greece.**

Approved Signatories: **T. Manaras, M. Tsoumpos, K. Mavroethakos, M. Chalkia, K. Fotiou, G. Katsamakis, G. Kasapas, E. Athanasiadis, S. Patiris, A. Kaliakatsos.**

This Scope of Accreditation replaces the previous one dated January 22nd, 2025.
The Accreditation Certificate No. **345**-6, to ELOT EN ISO/IEC 17025:2017, is valid until 21.05.2028.

Athens, May 4th, 2026

Konstantinou Evangelos Apostolos
CEO of ESYD