BAS QF 2.11

ORDER

№ A 205

Sofia, 29.06.2026

Pursuant to Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment Bodies, in connection with amendment of an element of the certificate content, according to item 4.3.8. f) of the BAS QR 2 Accreditation Procedure and EA BAS order reg. № A 204/29.06.2026, I hereby

AMEND

EA BAS order reg. № A 502/27.12.2024 to accreditation certificate reg. № 19 ЛК/27.12.2024, valid until 27.12.2028, as follows:

AQUA BUILDING SERVICE LTD
CALIBRATION LABORATORY

Management address:
1612, Sofia, Lagera, Krasno Selo District, Block 55, Entr. 3, Floor. 1, Apt. 37
Laboratory addressess:
Office 1: 1309, Sofia, Zone B-19, Tri Ushi Str, Block 13-14
Office 2: 1309, Sofia, Zone B-19, Pernik Str, Block 11-12

Office 1: 1309 Sofia, Zone B-19, Tri Ushi Str, Block 13-14
To perform calibration of:

Type of the scope: *fixed*					
№	**Measuring instrument**	**Measured quantity, Measurement unit**	**Range of measurement**	**Measurement uncertainty**	**Calibration method**
1	2	3	4	5	6
1.*	DC voltage voltmeters	Electric voltage *DCU*, V	from 0 mV to 200 mV from 200 mV to 2 V from 2 V to 20 V from 20 V to 200 V from 200 V to 750 V	from 0,012 mV to 0,039 mV from 0,039 mV to 0,39 mV from 0,39 mV to 7,6 mV from 7,6 mV to 0,072 V from 0,072 V to 0,19 V	CM 7.2 – 01:2025
2.*	AC voltage voltmeters	Electric voltage *ACU*, V	f=45 Hz from 1 mV to 200 mV from 200 mV to 2 V from 2 V to 20 V from 20 V to 200 V from 200 V to 750 V	from 0,031 mV to 0,17 mV from 0,17 mV to 1,8 mV from 1,8 mV to 8,50 mV from 8,50 mV to 0,32 V from 0,32 V to 0,77 V	CM 7.2 – 01:2025
			f=1 kHz; 2 kHz from 1 mV to 200 mV from 200 mV to 2 V from 2 V to 20 V from 20 V to 200 V	from 0,036 mV to 0,27 mV from 0,27 mV to 4,8 mV from 4,8 mV to 47,5 mV from 47,5 mV to 0,46 V	CM 7.2 – 01:2025

Type of the scope: *fixed*					
№	**Measuring instrument**	**Measured quantity, Measurement unit**	**Range of measurement**	**Measurement uncertainty**	**Calibration method**
1	2	3	4	5	6
			f=1 kHz from 200 V to 750 V	from 0,46 V to 1,1 V	
3.*	DC voltage calibrators	Electric voltage DCU, V	from 0 mV to 150 mV	from 0,018 mV to 0,055 mV	CM 7.2 – 01:2025
4.*	DC current calibrators	Electric current DCI, A	from 4 mA to 20 mA	from 0,0076 mA to 0,020 mA	CM 7.2 – 02:2025
5.*	DC ammeters	Electric current DCI, A	from 0 mA to 20 mA from 20 mA to 200 mA from 200 mA to 2 A	from 0,000023 mA to 0,0042 mA from 0,0042 mA to 0,041 mA from 0,041 mA to 0,46 mA	CM 7.2 – 02:2025
6.*	AC ammeters	Electric current ACI, A	f=45 Hz from 0 mA to 20 mA from 20 mA to 200 mA from 200 mA to 2 A	from 0,00031mA to 0,018 mA from 0,018 mA to 0,18 mA from 0,18 mA to 2,5 mA	CM 7.2 – 02:2025
			f=1 kHz from 0 mA to 20 mA from 20 mA to 200 mA from 200 mA to 2 A	from 0,0006 mA to 0,058 mA from 0,058 mA to 0,57 mA from 0,57 mA to 6,8 mA	
7.*	DC ohmmeters	Electric resistance, Ω	from 0,001 Ω to 1 Ω from 1 Ω to 100 Ω from 100 Ω to 1 kΩ from 1 kΩ to 10 kΩ from 10 kΩ to 100 kΩ	from 0,033 mΩ to 0,24 mΩ from 0,24 mΩ to 0,024 Ω from 0,024 Ω to 0,00033 kΩ 0,00033 kΩ to 0,0028 kΩ from 0,0028 kΩ to 0,027 kΩ	CM 7.2 – 06:2025
8.*	Secondary transducers with input: direct voltage DCU for temperature resistance R for temperature	Temperature, °C	For thermocouples from minus 200 °C to 1800 °C For thermistors From minus 200 °C to 850 °C	from 0,3 °C to 4,0 °C from 0,08 °C to 0,5 °C	CM 7.2 – 04:2018
	- direct current DCI for: pressure, relative air humidity, hydrogen index (pH) and level	Direct current, mA for: Pressure, bar Relative air humidity, % rh pH – hydrogen index Level, mm	from 4 mA to 20 mA (from 0 bar to 1000 bar) from 4 mA to 20 mA (from 10 %rh to 90 %rh) from 4 mA to 20 mA (from 0 to 14)	from 0,03 mA to 0,04 mA from 0,03 mA to 0,04 mA from 0,03 mA to 0,04 mA from 0,03 mA to 0,04 mA	

Type of the scope: *fixed*					
№	**Measuring instrument**	**Measured quantity, Measurement unit**	**Range of measurement**	**Measurement uncertainty**	**Calibration method**
1	2	3	4	5	6
			from 4 mA to 20 mA (from 0 mm to 5000 mm)		
9.	Thermoelectric converters /thermocouples/	Temperature, °C	from minus 45 °C to 650 °C	from 0,6 °C to 2,0 °C	CM 7.2 – 05:2018
10.	Resistive converters for temperature /resistive thermometers/	Temperature, °C	from minus 45 °C to 650 °C	from 0,1 °C to 1,0 °C	CM 7.2 – 05:2018
11.*	Digital, analogue and liquid thermometers	Temperature, °C	from minus 45 °C to 155 °C from 155 °C to 650 °C	0,1 °C 0,1 °C to 1,0 °C	CM 7.2 – 03:2018
12.*	Hygrometers for relative air humidity	Relative air humidity, %rh	from 10 %rh to 50 %rh from 50 %rh to 90 %rh	2,2 %rh from 2,2 %rh to 2,5 %rh	CM 7.2 – 07:2018
13.*	Electromechanical and mechanical manometers and mano- vacuum meters Pressure transducers, sensors and calibrators	Pressure, bar mA V	from minus 0,8 bar to 30,0 bar from 30,0 bar to 300 bar from 4 mA to 20 mA from 20 mA to 50 mA from 0 V to 30 V	0,033 bar from 0,033 bar to 0,35 bar from 0,004 mA to 0,008 mA from 0,008 mA to 0,015 mA from 0,0033 V to 0,011 V	CM 7.2 – 08:2018
14.*	Multi-value measures for electrical resistance (decade resistance box)	Electrical resistance, Ω	from 1 mΩ to 1 Ω from 1 Ω to 100 Ω from 100 Ω to 1 kΩ from 1 kΩ to 10 kΩ from 10 kΩ to 100 kΩ	from 0,025 mΩ to 0,80 mΩ from 0,0014 Ω. to 0,022 Ω from 0,022 Ω to 0,17 Ω from 0,17 Ω to 1,7 Ω from 1,7 Ω to 17 Ω	CM 7.2 – 09:2019
15.	Callipers (digital, vernier)	Length, mm	from 0,5 mm to 300 mm	from 0,04 mm to 0,06 mm	CM 7.2 – 11:2019
16.	Micrometers (digital, mechanical)	Length, mm	from 0,5 mm to 300 mm	from 1,4 µm to 3,0 µm	CM 7.2 – 12:2019
17.	Linear measurement tools: - tape, tape measures	Length, m	Up to 5 m	0,7 mm	CM 7.2 – 13:2019
	- metal meters		Up to 2 m	0,7 mm	
18.**	Scales with non-automatic operation	Mass, kg	I precision class up to 500 g	1,6 mg	CM 7.2 – 10:2019
			II precision class up to 1 kg	3,8 mg	

Type of the scope: *fixed*					
№	**Measuring instrument**	**Measured quantity, Measurement unit**	**Range of measurement**	**Measurement uncertainty**	**Calibration method**
1	2	3	4	5	6
			up to 10 kg up to 60 kg up to 100 kg	75 mg 300 mg 2g	
			III and IV precision class from 10 kg to 100 kg	0,6 g to 9 g	

Office 2: 1309 Sofia, Zone B-19, Pernik Str, Block 11-12

To perform calibration of:

Type of the scope: *fixed*					
№	**Measuring instrument**	**Measured quantity, Measurement unit**	**Range of measurement**	**Measurement uncertainty**	**Calibration method**
1	2	3	4	5	6
19.	Water flow meters – mechanical, mass, electromagnetic, ultrasonic	Flow rate, (from 10 l/h to 300 000 l/h)	from 10 l/h to 300000 l/h	0,3 %	CM 7.2 – 14:2019
20.*	Water flow meters – mechanical, mass, electromagnetic, ultrasonic	Flow rate (from 10 l/h to 12000 l/h)	from 10 l/h To 12000 l/h	0,3%	CM 7.2 – 14:2019

Notes:

* The calibration can be performed in the laboratory or at the customer's premises.

** The calibration is performed only at the customer's premises.

(no *) The calibration is performed only in the laboratory.

References:

1.	CM 7.2-01:2025	Calibration methodology for voltmeters and calibrators for direct and alternating electric voltage
2.	CM 7.2-02:2025	Calibration methodology for ammeters and calibrators for direct and alternating electric current
3.	CM 7.2-03:2018	Calibration methodology for digital, analogue and liquid thermometers
4.	CM 7.2-04:2018	Calibration methodology for secondary transducers for measuring different values with DCU, DCI or R input
5.	CM 7.2-05:2018	Calibration methodology for resistor and electrical thermal converters (resistive thermometers and thermocouples)
6.	CM 7.2-06:2025	Calibration methodology for ohmmeters
7.	CM 7.2-07:2018	Calibration methodology for hygrometers for relative air humidity
8.	CM 7.2-08:2018	Calibration methodology for pressure measuring and pressure generation devices
9.	CM 7.2-09:2019	Calibration methodology for multi-value measures for electric resistance (decade resistance box)
10.	CM 7.2-10:2019	Calibration methodology for scales with non-automatic operation
11.	CM 7.2-11:2019	Calibration methodology for calipers (digital, vernier)
12.	CM 7.2-12:2019	Calibration methodology for micrometers (digital, mechanical)
13.	CM 7.2-13:2019	Calibration methodology for linear measurement tools
14.	CM 7.2-14:2019	Calibration methodology for water flow meters

I ORDER

To issue the certificate of accreditation reg. № 19 ЛК/29.06.2026, valid until 27.12.2028 and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager of Aqua building service Ltd., the head of Calibration laboratory at Aqua building service Ltd. or other authorized person in the office of EA BAS.

Upon receipt of the certificate and the enclosure issued, the the accredited person is obliged to return to EA BAS the originals of accreditation certificate № 19 ЛК/27.12.2024, valid until 27.12.2028 and its enclosure, EA BAS order reg. № А 502/27.12.2024.

This order shall be notified to Aqua building service Ltd., within 3 (three) days from its issuance.

Eng. Mariya Ilieva - Yordanova

Executive Director
of Executive agency Bulgarian accreditation service