



Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 354

Sofia, 30.09.2024

Pursuant to Art. 10, para. 1, items 3 and 4, Art. 28, para. 1, Art. 30, para. 1 of the Law on National Accreditation of Conformity Assessment Bodies, items 6 and 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 3/6 ЛК/ПА/РО/24.01.2024, assessment reports reg. № 3/6 ЛК/5/В/17.05.2024 and statement of the Accreditation Commission ref. № 3/6 ЛК/ПА/РО/9/В/12.09.2024, I hereby

RE-ACCREDIT

**KALIBRA BULGARIA OOD
LABORATORY FOR CALIBRATION OF MEASUREMENT INSTRUMENTS**

Management address: Sofia, 1 Omayya Str.

Laboratory address: 1606 Sofia, 34 General Tottleben Str.

To perform calibration of:

Type of the scope: <i>fixed</i>					
№	Measuring instrument*	Measured quantity, Measurement unit	Range of measurement	Measurement uncertainty	Calibration method
1	2	3	4	5	6
1.	Non-automatic scales	mass, kilogram, kg	from 1 mg to 5g	from 0,015 mg to 0,02 mg	ТП 7-2.1 /2018
	Accuracy class I		from 5 g to 20 g	from 0,02 mg to 0,04 mg	
			from 20 g to 500g	from 0.04 mg to 0,40 mg	
	Accuracy class II		from 20 mg to 1000 g	2 mg	
			from 1 kg to 65 kg	from 0,002 g to 1,3 g	
	Accuracy class III and IV		from 1g to 1000g	0,5 g	
			from 1 kg to 1000 kg	from 0,5 g to 90 g	
			from 1000 kg to 5000 kg	from 0,09 to 0,90 kg	
2.	Automatic scales – totalizing hopper weighers, including concrete and asphalt	mass of dosse, kilogram, kg	from 1 kg to 5 000 kg	from 0,036 kg to 19 kg	ТП 7-2.2

Type of the scope: <i>fixed</i>					
Nº	Measuring instrument*	Measured quantity, Measurement unit	Range of measurement	Measurement uncertainty	Calibration method
1	2	3	4	5	6
	production facilities, Gravimetric filling instruments and belt weighers (production capacity up to 500 t/h)		from 1000 kg to 10000 kg	from 8,2 kg to 56 kg	/2018
3.	Weights, class M	Mass, kilogram, kg	100 mg	0,2 mg	ТП 7-2.3 /2024
			200 mg	0,2 mg	
			500 mg	0,2 mg	
			1 g	0,2 mg	
			2 g	0,2 mg	
			5 g	0,2 mg	
			10 g	0,2 mg	
			20 g	0,2 mg	
			50 g	0,3 mg	
			100 g	0,3 mg	
			200 g	0,4 mg	
			500 g	11 mg	
			1000 g	12 mg	
			2000 g	13 mg	
			5000 g	19 mg	
			10000 g	35 mg	
			20000 g	80 mg	
	Weights, class F2		50 g	0,3 mg	
			100 g	0,3 mg	
			200 g	0,4 mg	
			500 g	0,4 mg	
			1000 g	3 mg	
			2000 g	13 mg	
			5000 g	19 mg	
			10000 g	35 mg	
			20000 g	80 mg	
	Non-standard weights		from 100mg to 20000 g	from 0,2 mg to 80 mg	
4.	Volumetric measurement instruments: standard capacity measures, tanks with various geometric shapes and other volumetric vessels	Volume liter, l	from 0,01 l to 2 l	from 0,05 ml to 0,54 ml	ТП 7-2.4 /2024
			from 2 l to 100 l	from 0,54 ml to 28 ml	
			from 100 l to 2500 l	from 0,028 l to 0,71 l	
		Volume, cubic meter, m ³	from 0,5 m ³ to 10000 m ³	0,18 %	
5.	Flow meters for water and liquids other than water, including calibration of water meter test rigs	Flowrate liter per hour, l/h	from 1 l/h to 150000 l/h	from 0,002 l/h to 245 l/h	ТП 7-2.5 /2018
		Volume for fixed flowrate liter, l	from 0,1 l to 1500 l	0,2 %	

References:

ТП 7-2.1 (2018) Calibration of non-automatic scales.
ТП 7-2.2 (2018) Calibration of automatic scales.
ТП 7-2.3 (2024) Calibration of weights.
ТП 7-2.4 (2024) Calibration of volumetric measurement instruments
ТП 7-2.5 (2018) Calibration of flow-meters

Note:

1. The calibration of non-automatic scales - Item 1 is performed at the client's premises and in the laboratory premises.
2. The calibration of automatic scales, Item 2 is performed in place at the client's premises.
3. The calibration of weights class M, F2 and non-standard weights, Item 3 is performed only at the laboratory premises.
4. The calibration of tanks with different geometric shapes and other volumetric vessels, Item 4 is performed only at the client's premises.
5. The calibration of standard capacity measures, Item 4 is performed at the laboratory premises and at the client's premises.
6. The calibration of flow meters for water and liquids different from water and water meter test rigs, Item 5 is performed only at the client's premises.

ORDER

To issue the certificate of accreditation reg. № 6 ЛК of 30.09.2024 valid until 30.09.2028 and this order as an integral part of it.

The certificate of accreditation with the enclosure should be obtained from the manager of Kalibra Bulgaria OOD, the head of Laboratory for calibration of measurement instruments at Kalibra Bulgaria OOD, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, accredited person is obliged to return to EA BAS the originals of certificate of accreditation reg. № 6 ЛК /30.09.2020 and its enclosure EA BAS order reg. № A 583/30.09.2020.

This order shall be notified to Kalibra Bulgaria OOD within 3 (three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

