



***Signatory to the EA Multilateral Agreement in this field***

**ORDER**

**Nº A 617**

**Sofia, 23.12.2019**

Pursuant to art. 10, paragraph 1, item 3 and 4, art.28 and art.30, paragraph 1 of the Law for the National Accreditation of Conformity Assessment Bodies, and point 4.3.7 of the Accreditation Procedure BAS QR 2 in connection with a procedure initiated under Reg. № 40/7 ЛИК/ПА/РО/15.05.2019, and Report with Reg. № 40/7 ЛИК/ПА/РО/..../Б/04.07.2019, of Opinion of the Accreditation Commission, Reg. № 40/7 ЛИК/13/В/19.12.2019

**I REACCREDIT**

**METROLOGIA HOLDING LTD  
"METROLOGIA" LABORATORY**

**Address of management:** housing complex Levski Г, apt. block 44 A, Sofia 1836

**Address of the laboratory:**

**Office 1:** h.c. Levski Г, apartment block 44A, Sofia 1836

**Office 2:** quarter Vajnory, 35, Tomanova St., 83107 Bratislava

**I. To perform testing of:**

**Office 1**

Nº in order	Name of the products tested	Type of test / characteristic	Test methods (standardized / validated)
1	2	3	4
1.	Roller brake testers for the testing of road vehicles	force, pressure, length, speed	Direct measurement Bulgarian National Standard 16327 RPK 702 C03

The test is performed at the customer's location.

**II. To perform calibration of:**

**Office 1**

Nº in order	Type of measuring means	Measured quantity, measuring unit	Scope of measurement	Measurement uncertainty	Calibration method
1	2 <sup>2</sup>	3 <sup>3</sup>	4 <sup>4</sup>	5 <sup>5</sup>	6 <sup>6</sup>
1.	<b>LENGTH</b>				
1.1	Micrometers *	Length, m	for external dimensions up to 2 000 mm	(1,3+2,5.L) µm	RPK 702 D01
			for 2-point internal dimensions of up to 400 mm		
			for 3-points inside dimensions of up to 100 mm		
1.2	Caliper devices *	Length, m	for external and internal dimensions of up to 2000 mm	0,03 mm	RPK 702 D02
			for depth gauge up to 500 mm		

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1.3	Line scales and measuring tapes *	Length, m	up to 100 mm	0,003 mm	RPK 702 D03
			up to 5000 mm	0,3 mm	
			up to 100000 mm	(0,5+0,02.L) mm	
1.4	Measuring microscopes and profile projectors *	Length, m	up to 500 mm	(1+6.L) µm	RPK 702 D04
1.5	Dial gauge for measurement and set length *	Length, m	up to 100 mm	0,9 µm	RPK 702 D05
1.6	Gauges blocks and measurement standards	Length, m	up to 100 mm	(0,19+2,5.L) µm	RPK 702 D06
1.7	Blocks KB1 and KB2, control blocks and reference length measures	Length, m	For blocks KB 1 and KB 2 up to 200 mm	0,1 mm	RPK 702 D07
			For control and reference length measures up to 500 mm	(1,0 + 2,5.L) µm	
1.8	Test sieves	Length, m	up to 100 mm	3 µm	RPK 702 D08
1.9	Thickness gauges (mechanical, electromagnetic and ultrasound) *	Length, m	up to 100 mm	1,3 µm	RPK 702 D09
1.10	Test benches to check the system of Road vehicle taximeters **	Length, m	up to 20000 m	0,1 %	RPK 702 D10

Used indication L - length measured in m

<b>2. ANGLE</b>					
2.1	Protractors*	Angles, angu-lar degrees, °	4x90 °	90 "	RPK 702 A01
2.2	Beveled edges	Angles, angu-lar degrees, °	до 90 °	15 "	RPK 702 A01
2.3	Levels	Angles, angu-lar degrees, °	18' (5 mm/m)	5 "	RPK 702 A02
<b>3. WEIGHT</b>					
3.1	Scales (automatic and non-automatic)	Weight, kg	1 <sup>st</sup> accuracy class up to 500 g	from 0,01 mg to 0,4 mg	RPK 702 M01
			2 <sup>nd</sup> accuracy class up to 1 kg up to 10 kg up to 60 kg up to 120 kg	0,001 g 0,01 g 0,2 g 1,2 g	
			3 <sup>rd</sup> and 4 <sup>th</sup> accuracy class up to 10 kg up to 300 kg up to 500 kg up to 4000 kg up to 100000 kg	0,2 g 5 g 100 g 1 kg 10 kg	
3.2	Automatic scales for batching **	Weight, kg	up to 10 kg up to 4000 kg up to 10000 kg	0,2 g 2 kg 5 kg	RPK 702 M02

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3.3	Weights accuracy class M and custom weights	Weight, kg	from 1 kg to 1000 kg	from 0,016 g до 16 g	RPK 702 M03
	Weights accuracy class F <sub>2</sub> , M and custom weights	Weight, kg	from 1 mg to 500 mg	from 0,025 mg to 0,08 mg	
			from 1 g to 2000 g	from 0,1 mg to 10 mg	
<b>4. VOLUME</b>					
4.1	Volume measuring containers (gauges, cylinders, flasks, pycnometers, measuring glasses and other)	Volume, l	from 1ml to 5 ml	from 0,006 ml to 0,009 ml	RPK 702 O01
			from 0,005 l to 3 l	from 0,03 ml to 0,1 ml	
			from 3 l to 6 l	from 0,3 ml to 0,6 ml	
			from 6 l to 20 l	from 3,2 ml to 4,5 ml	
			from 20 l to 50 l	from 6,8 ml to 7,7 ml	
			from 50 l to 100 l	from 12 ml to 15 ml	
4.2	Burettes, pipettes and other dispensers	Volume, l	from 0,1ml to 2000ml	from 0,0002 ml to 0,1 ml	
<b>5. DENSITY</b>					
5.1	Areometers (density meters)	Density kg/m <sup>3</sup> g/ml	from 500 kg/m <sup>3</sup> to 2000 kg/m <sup>3</sup>	0,05 kg/m <sup>3</sup>	RPK 702 AM01
			from 0,5 g/ml to 2 g/ml	0,00005 g/ml	
<b>6. TORQUE</b>					
6.1	Torque measuring instruments *	Torque, Nm	from 0,01 Nm to 2000 Nm	0,2 %	RPK 702 BM01
6.2	Torque wrenches and torque screwdrivers *	Torque, Nm	from 0,01 Nm to 2000 Nm	0,9 %	RPK 702 BM01
<b>7. FORCE</b>					
7.1	Force measuring equipment (stands and testing machines) *	Force, N tension/ compression	from 0,01 N to 1000 N	0,25 %	RPK 702 C01
			over 1 kN up to 1000 kN	0,5 %	
		Force, N compression	over 1000 kN up to 2000 kN	0,6 %	
7.2	Force-proving instruments and force transducers*	Force, N tension/ compression	from 0,01 N up to 1000 N	0,25 %	RPK 702 C02
			over 1 kN up to 1000 kN	0,5 %	
		Force, N compression	over 1000 kN up to 2000 kN	0,6 %	
<b>8. PRESSURE</b>					
8.1	Pressure measuring devices with accuracy class of 0,1: * - mechanical with elastic measuring element (pressure gauges, vacuum manometers, vacuum gauges) - electromechanical (transducers, transmitters, digital pressure gauges) - calibrators	Pressure, bar	from -0,95 bar to 60 bar with air	0,05 % FS	RPK 702 P01
			to 600 bar with water or oil		
8.2	Devices for measuring absolute pressure * (differential pressure gauges and barometers, from accuracy class of 0,1)	Pressure, bar	from 500 mbar to 1100 mbar	0,1 % FS	RPK 702 P01

Used indication FS – pressure value range in bar

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<b>9. HARDNESS</b>					
9.1	Shore Durometers *	Shore Hardness	from 10 Shore to 100 Shore	0,3 Shore	RPK 702 TB01
9.2	IRHD Durometers *	IRHD Hardness	from 30 IRHD to 100 IRHD	0,3 IRHD	
<b>10. TEMPERATURE</b>					
10.1	Thermometers * (digital, analog, liquid)	Temperature °C	from -40 °C to 0 °C	from 0,2 °C to 0,1 °C	RPK 702 T01
			over 0 °C up to 400 °C	from 0,1 °C to 0,3 °C	
			over 400 °C up to 650 °C	from 0,3 °C to 1,5 °C	
			over 650 °C up to 1200 °C	2,0 °C	
10.2	Infrared thermometers *	Temperature °C	from 20 °C to 350 °C	from 0,3 °C to 0,6 °C	RPK 702 T01
10.3	Resistive temperature transducers *	Temperature °C	from -40 °C to 0 °C	from 0,2 °C to 0,1 °C	RPK 702 T02
			over 0 °C up to 400 °C	from 0,1 °C to 0,3 °C	
			over 400 °C up to 650 °C	from 0,3 °C to 1,5 °C	
10.4	Thermoelectric temperature transducers (thermocouples) *	Temperature °C	from -40 °C to 200 °C	0,5 °C	RPK 702 T02
			over 200 °C up to 650 °C	from 0,6 °C to 1,5 °C	
			over 650 °C up to 1200 °C	2,0 °C	
10.5	Secondary devices, temperature indicators and simulators *	Temperature °C	from minus 40 °C to 600 °C	0,2 °C	RPK 702 T03
			over 600 °C up to 1200 °C	0,3 °C	
<b>11. RELATIVE AIR HUMIDITY</b>					
11.1	Hygrometers and transducers for relative air humidity *	Relative air humidity, % RH	from 20 %RH to 90 %RH	2,5 %RH	RPK 702 OB01
<b>12. ELECTRICAL QUANTITIES</b>					
12.1	Voltmeters for constant voltage (digital and analog ones)	Constant electrical voltage, DCU, V	from 0 mV to 19,999 9 mV	from 0,000 23 mV to 0,001 2 mV	RPK 702 E01
			from 20 mV to 199,999 mV	from 0,002 4 mV to 0,012 mV	
			from 0,2 V to 1,99999 V	from 0,000 032 V to 0,000 12 V	
			from 2 V to 19,999 V	from 0,000 32 V to 0,001 2 V	
			from 20 V to 199,999 V	from 0,003 2 V to 0,012 V	
			from 200 V to 1 000 V	from 0,021 V to 0,090 V	
12.2	Voltmeters for alternating voltage (50 Hz, digital and analog)	Alternating electrical voltage, ACU, V	from 10 mV to 19.999 mV	from 0,010 mV to 0,014 mV	RPK 702 E01
			from 20 mV to 199,999 mV	from 0,034 mV to 0,10 mV	
			from 0,2 V to 1,99999 V	from 0,00021 V to 0,00096 V	
			from 2 V	from 0,0020 V	

			to 19,999 V from 20 V to 199,999 V from 200 V to 1000 V	to 0,0094 V from 0,020 V to 0,097 V from 0,16 V to 0,56 V		
			from 200 V to 1000 V	from 0,16 V to 0,56 V		
12.3	DC ammeters (digital and analog)	Direct current, <i>DCI</i> , A	from 0,2 mA to 1,999 9 mA	from 0,000 081 mA to 0,001 8 mA	RPK 702 E02	
			from 2 mA to 19,999 mA	from 0,003 7 mA to 0,018 mA		
			from 20 mA to 199,999 mA	from 0,008 2 mA to 0,041 mA		
			from 0,2 A to 1,999 9 A	from 0,000 086 A to 0,005 0 A		
			from 2 mA to 19,999 mA	from 0,0024 mA to 0,013 mA		
12.4	AC ammeters (50Hz, digital and analog)	Alternating current, <i>ACI</i> , A	from 20 mA to 199,999 mA	from 0,024 mA to 0,13 mA	RPK 702 E02	
			from 0,2 A to 1,99999 A	from 0,0004 A to 0,0018 A		
			from 2 A to 19,9999 A	from 0,0024 A to 0,014 A		
			from 0 A to 1000 A	from 0,015 A to 0,34 A		
12.5	Current clamp-on ammeters	Direct and alternating current (50 Hz) <i>DCI</i> и <i>ACI</i> , A	from 0 A to 1000 A	from 0,015 A to 0,34 A	RPK 702 E02	
12.6	Ohmmeters (digital and analog)	Electrical resistance <i>R</i> , Ω	from 0,01 Ω to 10 kΩ	from 0,000039 Ω to 0,0032 kΩ	RPK 702 E03	
			from 10 kΩ to 100 MΩ	from 0,0041 kΩ to 0,049 MΩ		
12.7	Constant and alternating (50 Hz) voltage calibrators	Constant and alternating voltage, <i>DCU</i> , <i>ACU</i> , V	<i>DCU</i> :		RPK 702 E01	
			from 0 V to 0,2 V	from 0,0000059 V to 0,000027 V		
			from 0,2 V to 2 V	from 0,000027 V to 0,00021 V		
			from 2 V to 20 V	from 0,00021 V to 0,0021 V		
			from 20 V to 200 V	from 0,0021 V to 0,021 V		
			from 200 V to 1000 V	from 0,021 V to 0,10 V		
			<i>ACU</i> :			
			from 0,2 V to 1,99 V	from 0,00010 V to 0,00072 V		
			from 2 V to 20 V	from 0,00077 V to 0,0070 V		
			from 20 V to 200 V	from 0,0076 V to 0,070 V		
			from 200 V to 1000 V	from 0,083 V to 0,37 V		
12.8	DC and AC (50 Hz) calibrators	Direct and alternating current, <i>DCI</i> , <i>ACI</i> , A	<i>DCI</i> : from 0,2 mA to 2 A	from 0,0018 mA to 0,093 mA	RPK 702 E02	
			<i>ACI</i> : from 2 mA to 0,2 A	from 0,0070 mA to 0,14 mA		
12.9	Converters of values with DCU DCI and R input, DCU and DCI output *	DCU, <i>DCI</i> and R input	<i>DCU</i> :		RPK 702 E04	
			from 0 mV to 19.9999 mV	from 0,00023 mV to 0,0012 mV		
			from 20 mV to 199,999 mV	from 0,00023 mV to 0,0012 mV		
			<i>DCI</i> :			

			from 0 mA to 20 mA	from 0,079 µA to 0,004 mA		
			<i>RΩ:</i>			
	DCU, DCI output	from 0,01 Ω to 10 kΩ	from 0,000039 Ω to 0,0032 kΩ			
			<i>DCU:</i>			
		from 0 V to 0,2 V	from 0,0000059 V from 0,000027 V			
		from 0,2 V to 2 V	or 0,000027 V to 0,00021 V			
		from 2 V to 20 V	from 0,00021 V to 0,0021 V			
		<i>DCI:</i>				
		from 0,2 mA to 2 A	from 0,0018 mA to 0,093 mA			
<b>13. PHYSICOCHEMICAL AND OPTICAL QUANTITIES</b>						
13.1	Conductometers *	Specific electric conductivity of electrolytes, µS/cm; mS/cm	from 0,8 µS/cm to 15 µS/cm	from 0,6 µS/cm to 0,3 µS/cm	RPK 702 EH02 (with the use of CRM)	
			from 0,015 mS/cm to 100 mS/cm	from 0,0003 mS/cm to 1,25 mS/cm		
			from 100 mS/cm to 111,3 mS/cm	from 1,25 mS/cm to 2,1 mS/cm		
13.2	pH Meters *	Hydrogen index pH	from 1 to 10	from 0,02 to 0,03	RPK 702 PH01	
			from 11 to 12	from 0,03 to 0,04		
13.3	Spectrophotometers, photometers for the ultraviolet and visible ranges UV/VIS *	Wavelength, $\lambda$ of emissions from spectral sources, (Hg and D <sub>e</sub> ), nm	Hg (built into the device) 365,0 nm, 546,1 nm; De (built into the device) 486,0 nm; 656,1 nm	0,6 nm	RPK 702 OH03	
13.4	Spectrophotometers, photometers for the ultraviolet and visible ranges UV/VIS *	Spectral transmittance $\tau(\lambda)$ , % geometry 0/0, relative to the air for $\lambda$ from 250 nm to 700 nm (spectrally neutral materials)	from 4 % to 94 %	from 0,12 % to 1,0 %	RPK 702 OH03	
		Spectral optical density $D(\lambda)$ for $\lambda$ from 250 nm to 700 nm (calculated on the basis of the measured values of $\tau(\lambda)$ , geometry 0/0, relative to the air for spectrally neutral materials)	from 1,398 to 0,027	from 0,011 to 0,005		
<b>14. TIME INTERVAL</b>						
14.1	Stopwatches *	Time interval, s	from 1 s to 10 h	0,1 s	RPK 702 BP01	

\* The indicated measuring devices are calibrated in the laboratory or at the customer's site.

\*\* The indicated measuring devices are calibrated at the customer's site.

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**III. II. To perform calibration of:  
Office 2**

Nº in order	Type of the measuring means	Measured quantity, measuring unit	Scope of measurement	Measurement uncertainty	Calibration method
1	2 <sup>2</sup>	3 <sup>3</sup>	4 <sup>4</sup>	5 <sup>5</sup>	6 <sup>6</sup>
<b>1. LENGTH</b>					
1.1	Micrometric devices for external dimensions *	Length, m	up to 200 mm	(1,3+2,5.L) µm	RPK 702 D01
1.2	Calipers for external dimensions, altimeters and depth gauges *	Length, m	up to 200 mm	0,03 mm	RPK 702 D02
1.3	Thickness gauges (mechanical, electromagnetic and ultrasound) *	Length, m	up to 10 mm	1,3 µm	RPK 702 D09
<b>2. WEIGHT</b>					
2.1	Scales with non-automatic action *	Weight, kg	Accuracy class I up to 200 g	from 0,01 mg to 0,4 mg	RPK 702 M01
			Accuracy class II up to 1 kg	0,001 g	
			Accuracy class III up to 100 kg	5 g	
2.2	Weights accuracy class F <sub>2</sub> , M and custom weights	Weight, kg	from 1 mg to 500 mg	from 0,025 mg to 0,08 mg	RPK 702 M03
			from 1 g to 200 g	from 0,1 mg to 1,0 mg	
<b>3. VOLUME</b>					
3.1	Volumetric flasks Pycnometers Atypical measuring flasks	Volume, l	from 1 ml to 10 ml	0,01 ml	RPK 702 001
			from 10 ml to 50 ml	0,03 ml	
			from 50 ml to 250 ml	0,05 ml	
			from 250 ml to 1000 ml	0,10 ml	
			from 1000ml to 2000ml	0,20 ml	
			from 2000ml to 5000 ml	0,30 ml	
3.2	Graduated pipettes Not graduated pipettes	Volume, l	from 0,1 ml to 1 ml	0,005 ml	RPK 702 001
			from 1 ml to 5 ml	0,008 ml	
			from 5 ml to 25 ml	0,01 ml	
			from 25 ml to 100 ml	0,02 ml	
3.3	Micropipettes	Volume, l	from 1 µl to 10 µl	0,05 µl	RPK 702 001
			from 10 µl to 200 µl	0,2 µl	
			from 200 µl to 500 µl	0,5 µl	
			from 500 µl to 1000 µl	1,5 µl	
			from 1000µl to 5000µl	5,0 µl	
3.4	Burettes	Volume, l	from 10 ml to 20 ml	0,015 ml	RPK 702 001
			from 20 ml to 50 ml	0,02 ml	
			from 50 ml to 100 ml	0,03 ml	
3.5	Measuring cylinders	Volume, l	from 5 ml to 20 ml	0,05 ml	RPK 702 001
			from 20 ml to 100 ml	0,2 ml	
			from 100 ml to 250 ml	0,3 ml	
			from 250 to 500 ml	0,6 ml	
			from 500 ml to 1000 ml	2,0 ml	
			from 1000 ml to 2000 ml	3,0 ml	
			from 2000 ml to 5000 ml	7,5 ml	
3.6	Butyrometers	Volume, l	from 0,1 ml to 5 ml	0,015 ml	

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3.7	Measuring containers	Volume, l	from 250 ml to 500 ml	2 ml	
			from 500 ml to 1000 ml	3 ml	
			from 1000 ml to 2000 ml	5 ml	
			from 2000 ml to 5000 ml	10 ml	
<b>4. PRESSURE</b>					
4.1	Pressure measuring devices of accuracy class 0,05: - mechanical with elastic measuring element (pressure gauges, vacuum manometers, vacuum gauges) - electromechanical (transducers, transmitters, pressure gauges with digital indication) - piston pressure gauges and pressure calibrators	Pressure, bar	from -0,95 bar to 2 bar with air	0,02% FS	RPK 702 P01
			up to 25 bar with air	0,04% FS	
			up to 120 bar with air	0,02% FS	
			up to 600 bar with oil	0,05% FS	
4.2	Absolute pressure measuring devices * (differential pressure gauges and barometers of 0,05 accuracy class)	Pressure, Pa	from 500 mbar to 1100 mbar	0,05% FS	RPK 702 P01
Used indication FS – pressure value range in bar					
5.1	Shore Durometers *	Shore hardness	from 10 Shore to 100 Shore	0,3 Shore	RPK 702 TB01
5.2	IRHD Durometers *	IRHD hardness	from 30 IRHD to 100 IRHD	0,3 IRHD	
<b>6. TEMPERATURE</b>					
6.1	Thermometers * (digital, analog, liquid)	Temperature °C	from -40 °C to -20 °C	0,13 °C	RPK 702 T01
			over -20 °C to 100 °C	0,06 °C	
			over 100 °C up to 200 °C	0,08 °C	
			over 200 °C up to 400 °C	0,12 °C	
			over 400 °C up to 650 °C	0,25 °C	
			over 650 °C up to 1200 °C	2,0 °C	
6.2	Resistive temperature transducers *	Temperature °C	from -40 °C to -20 °C	0,13 °C	RPK 702 T02
			over -20 °C up to 100 °C	0,06 °C	
			over 100 °C up to 200 °C	0,08 °C	
			over 200 °C up to 400 °C	0,12 °C	
			over 400 °C up to 650 °C	0,25 °C	

6.3	Thermoelectric temperature converters (thermocouples) *	Temperature °C	from -40 °C to 200 °C	0,3 °C	RPK 702 T02
			over 200 °C up to 650 °C	from 0,4 °C to 1,0 °C	
			over 650 °C up to 1200 °C	2,0 °C	

  

<b>7. RELATIVE AIR HUMIDITY</b>					
7.1	Hygrometers and transducers for relative air humidity *	Relative air humidity, % RH	from 10 %RH to 95 %RH	1,8 %RH	RPK 702 OB01

  

<b>8. PHYSICOCHEMICAL QUANTITIES</b>					
8.1	Conductometers *	Specific conductivity of electrolytes, mS/cm	Comparative method with reference conductometer		RPK 702 EH02 (comparative method with reference conductometer)
			0,1 mS/cm to 100 mS/cm	0,015 mS/cm to 1 mS/cm	

\* The indicated measuring devices are calibrated in the laboratory or at the customer's site.

\*\* The indicated measuring devices are calibrated at the customer's site.

#### **IV. To perform testing of:**

##### **Office 2**

No. order	Measured value	Measuring unit	Measuring range	Measurement uncertainty	Measurin g method
1	2 <sup>2</sup>	3 <sup>3</sup>	4 <sup>4</sup>	5 <sup>5</sup>	6 <sup>6</sup>
1.	Temperature	°C	-40 °C to 200 °C	0,2 °C	RPK 702 T01
			200 °C to 400 °C	0,3 °C	
			400 °C to 650 °C	1,0 °C	
			650 °C to 1200 °C	2,3 °C	
2.	Relative air humidity	% RH	10 %RH to 95 %RH	2,3 %RH	RPK 702 OB01
3.	Pressure	Pa	from -95 kPa to 60000 kPa	1 %	RPK 702 P01

The measurement is performed on the spot at the customer's office.

##### References:

1. RPK 702 D-01 Calibration of micrometric devices.
2. RPK 702 D-02 Calibration of calipers.
3. RPK 702 D-03 Calibration of line scales and measuring tapes.
4. RPK 702 D-04 Calibration of measuring microscopes and profile projectors.
5. RPK 702 D-05 Calibration of dial gauge for measurement and set length.
6. RPK 702 D-06 Calibration of gauges blocks and measurement standards. (based on ISO 3650, EURAMET.L-S16)
7. RPK 702 D-07 Calibration of calibration blocks BK1 and BK2, control blocks and standard length measures.
8. RPK 702 D-08 Calibration of test sieves. (based on ISO 3310-1,2,3)
9. RPK 702 D-09 Calibration of thickness gauges.
10. RPK 702 D-10 Calibration of stands to check the system of road vehicle taximeters
11. RPK 702 A-01 Calibration of bevel protractors and beveled edges.
12. RPK 702 A-02 Calibration of spirit levels.
13. RPK 702 M-01 Calibration of scales. (based on EN 45501, EURAMET cg-18)
14. RPK 702 M-02 Calibration of automatic scales for batching.
15. RPK 702 M-03 Calibration of weights.
16. RPK 702 O-01 Calibration of volume measures. (based on EURAMET cg-19)
17. RPK 702 AM-01 Calibration of areometers (density meters). (based on ISO 649-1, SIM MWG7/cg-03/v.00)
18. RPK 702 BM-01 Calibration of torque measuring instruments, torque wrenches and screwdrivers. (based on ISO 6789, EURAMET cg-14)

19. RPK 702 C-01 Calibration of stands, testing machines and force measuring equipment. (based on ISO 7500-1, EURAMET cg-4)
20. RPK 702 C-02 Calibration of dynamometers and force transducers. (based on ISO 376, EURAMET cg-4)
21. RPK 702 C-03 Procedure for the testing of stands for the measurement of the braking forces of road vehicles.
22. RPK 702 P-01 Measuring of pressure. Calibration of pressure measuring devices. (based on EURAMET cg-3, EURAMET cg-17)
23. RPK 702 TB-01 Calibration of hardness meters for non-metals. (based on ISO 18898, ASTM D2240-00)
24. RPK 702 T01 Measuring of temperature. Calibration of thermometers.
25. RPK 702 T02 Calibration of temperature transducers. (based on EURAMET cg-8)
26. RPK 702 T03 Calibration of secondary devices, temperature indicators and simulators. (based on EURAMET cg-11)
27. RPK 702 OB01 Measuring of relative humidity. Calibration of hygrometers for the measurement of relative humidity.
28. RPK 702 E-01 Calibration of voltmeters and calibrators of constant and alternating voltage. (based on EURAMET cg-15)
29. RPK 702 E-02 Calibration of ammeters and calibrators of direct and alternating current. (based on EURAMET cg-15)
30. RPK 702 E-03 Calibration of ohmmeters. (based on EURAMET cg-15)
31. RPK 702 E-04 Calibration of converters of values with input and output DCU, DCI or R.
32. RPK 702 PH-01 Calibration of pH Meters.
33. RPK 702 EH-01 Calibration of conductometers.
34. RPK 702 OH-01 Calibration of spectrophotometers.
35. RPK 702 BP-01 Calibration of stopwatches.

## **I ORDER**

To issue Certificate of accreditation with Reg. № 7 ЛИК/23.12.2019 valid until 23.12.2023 with the attached Order as an integral part of it.

The Certificate of accreditation with the application shall be received by the Manager of "Metrologia Holding", the head of the "Metrologia Laboratory" or by another authorized person from the building of EA BAS.

Upon receipt of the certificate and the application the accredited body must return to EA BAS the originals of Certificate of accreditation Reg. № 7 ЛК/16.10.2018, valid until 24.11.2019 and the attached Order of EA BAS № A 125/29.03.2019..

Manager of "Metrologia Holding", should be informed about this Order within 3 days of its issue.

**Eng. Irena Borislavova**  
Executive Director of Executive Agency "Bulgarian Accreditation Service"

