



ORDER

№ A 219
Sofia, 24.03.2022

Pursuant of Art. 10, para. 1, item 2 of the Law on National Accreditation of Conformity Assessment bodies, assessment report reg. № 20/6 ЛИК/27/В/11.10.2021, annex reg. № 20/6 ЛИК/33/В/10.12.2021, and EA BAS order reg. № A 218/24.03.2022, I hereby

AMEND

EA BAS order № 3/05.01.2021,

of Business Innovation Center – IZOT Jsc.
Testing Center of Electronic and Office Equipment

Management address: 1784 Sofia, 133 Tsarigradsko Shosse Blvd

Laboratory address: 1784 Sofia, 133 Tsarigradsko Shosse Blvd

To perform testing of:

Type of the scope: <i>flexible</i> **			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
1	Information technology equipment	Protection from hazards (protections from electric shock and energy hazards)	БДС EN 62368-1, cl. 5.3.2.1, cl. 5.3.2.2
		Voltage to accessible parts SELV circuits	БДС EN 62368-1 cl. 5.2.2.2, cl. 5.2.2.4, cl. 5.2.2.5
		Protective earthing, transient resistance	БДС EN 62368-1, cl. 5.6
		Thermal requirements	БДС EN 62368-1, cl. 5.4.1.4 (5.4.1.4.2)
		Touch current and protective conductor current	БДС EN 62368-1, cl. 5.2.2.2, cl. 5.7.3, cl. 5.7.4, cl. 5.7.5
		Electric strength	БДС EN 62368-1, cl. 5.4.9.2
2.	Household and similar electrical appliances	Protection against access to live parts	БДС EN 60335-1, and the relevant part 2, cl. 8 (cl. 8.1.1, 8.1.2 и 8.1.3)*
		Voltage of accessible parts - ELV	БДС EN 60335-1, and the relevant part 2 cl. 8.1.4*
		Rated current	БДС EN 60335-1, and the relevant part 2, cl. 10.2*

Type of the scope: <i>flexible</i> **			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		Leakage current when using a protective impedance (accessible parts) Leakage current	БДC EN 60335-1, and the relevant part 2, cl. 8.1.4 (IEC 60990) cl. 13*
		Electric strength	БДC EN 60335-1 and the relevant part 2, cl. 16.3(БДC EN 61180-1)*
		Protective earthing, transient resistance	БДC EN 60335-1 and the relevant part 2, cl. 27*
3.	Luminaries	Provision for earthing	БДC EN60598-1, cl. 7.2.3
		Insulation resistance	БДC EN60598-1, cl. 10.2.1
		Thermal test (normal operation)	БДC EN60598-1, cl. 12.4; 12.5; 12.6
4.	Medical electrical equipment	Protective earthing, transient resistance	БДC EN 60601-1, cl. 8.6
		Leakage current	БДC EN 60601-1, cl. 8.7
		Electric strength	БДC EN 60601-1, cl. 8.8
5.	Audio, video and similar electronic apparatus	Electric shock hazard under normal operating conditions	БДC EN 62368-1, cl. 5.3.2.2
		Heating under normal operating conditions (temperature rise ΔT)	БДC EN 62368-1, cl. 5.4.1.4, cl. 5.4.1.10
		Leakage current	БДC EN 62368-1, cl. 5.3.2.2, cl. 5.7.2.1
		Moisture resistance of the insulation	БДC EN 62368-1, cl. 5.4.1.3, cl. 5.4.5, cl. 5.4.5.2, cl. 5.4.8
		Insulation resistance	БДC EN 62368-1, cl. 5.4.1.3, cl. 5.4.5, cl. 5.4.5.2, cl. 5.4.8
		Electric strength	БДC EN 62368-1, cl. 5.4.1.3, cl. 5.4.5, cl. 5.4.5.2, cl. 5.4.8
6.	Electrical equipment for measurement, control and laboratory use	Determination of accessible parts (Protection against electric shock)	БДC EN 61010-1, cl. 6.2.1, 6.2.2, 6.2.3
		Limit values for accessible parts -voltage	БДC EN 61010-1, cl. 6.3.1 a)
		-current levels	БДC EN 61010-1, cl. 6.3.1 b) (IEC 60990)
		Protective bonding (earthing), impedance of protective bonding	БДC EN 61010-1, cl. 6.5.3.1
		Electric strength	БДC EN 61010-1, cl. 6.8 (6.8.2 to 6.8.4)
7.	Transformers, adaptors, power supply units and combinations thereof	Protection against electric shock -touch voltage	БДC EN 61558-1 cl. 9.1 a)
		- touch current	БДC EN 61558-1, cl. 9.1 b)
		Insulation resistance	БДC EN 61558-1, cl. 18.2

Type of the scope: flexible**			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
		Electric strength	БДC EN 61558-1, cl. 18.3
		Protective earthing, transient resistance	БДC EN 61558-1, cl. 24.4
8.	Circuit-breakers for overcurrent protection for household and similar installations	Electric shock hazard	БДC EN 60898, cl. 8.6
		Insulation resistance	БДC EN 60898, cl. 8.7
		Electric strength	БДC EN 60898, cl. 8.7
9.	Electrical equipment of machines	Insulation resistance	БДC EN 60204-1, cl. 18.3
		Electric strength	БДC EN 60204-1, cl. 18.4
10.	Toys	Determination of emission sound pressure levels	БДC EN 71-1, cl. 8.28
11.	Electric toys	Moisture resistance	БДC EN 62115, cl. 11
		Electric strength	БДC EN 62115, cl. 12
12.	Electrical equipment	Degrees of protections provided by enclosures (IP code) -To hazardous parts -against solid foreign objects -against ingress of water	БДC EN 60529, cl. 12.2, Table I cl. 13.2, Table II cl. 14.2.1 to cl. 14.2.6, Table III
13.	Electrical products, components and equipment (including taxis)	Testing Cab: Damp heat, steady state	БДC EN 60068-2-78
		Testing Db: Damp heat, cyclic	БДC EN 60068-2-30
		Testing B: Dry heat	БДC EN 60068-2-2
		Testing A: Cold type	БДC EN 60068-2-1

* the relevant part 2 of the standards from БДC EN 60335-2-2 to БДC EN 60335-2-109

****Flexible scope:** Implementing a new version of standards/documents or standards/documents replacing them is allowed. An updated list of standards/documents and their dated versions is provided by CAB.

To perform calibration of:

Type of the scope: fixed					
№	Type of measuring instrument	Measured quantity, measurement unit	Measurement range	Measurement uncertainty	Calibration method
1	2	3	4	5	6
1.	Thermometers (liquid, digital)	Temperature °C	- 40 °C to 0 °C	0,07 °C to 0,08 °C	MK 504-01-01 (2012)
			0 °C to 100 °C	0,08 °C to 0,10 °C	
			100 °C to 150 °C	0,10 °C to 0,25 °C	
			150 °C to 200 °C	0,25 °C to 0,40 °C	
2.	Higrometers for relative humidity	Relative humidity, % RH	From 20 % to 90 % RH	From 1,9 % to 2,6 % RH	MK 504-03-01 (2020) MK 504-04-01 (2020)

Calibration of the specified measuring instruments is performed in the laboratory.

References:

MK 504-1-01:2012 Calibration procedure to measurement instruments for measuring temperature

MK 504-3-01:2020 Calibration procedure to measurement instruments for measuring Relative humidity in the salt hygostat

MK 504-4-01:2020 Calibration procedure to measurement instruments for measuring Relative humidity in the climatic chamber.

I ORDER

To issue the Certificate of accreditation reg. № 6 ЛИК/24.03.2022, valid until 30.04.2023 and this order as an integral part of it.

The Certificate of accreditation with the enclosure should be obtained from the manager / representative of the Business Innovation Center – IZOT Jsc, head of the Testing Center of Electronic and Office Equipment at Business Innovation Center – IZOT Jsc, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and enclosure, the accredited CAB is obliged to return to EA BAS the originals of the certificate of accreditation with reg. № 6 ЛИК/05.01.2021, valid until 30.04.2023 and its enclosure, EA BAS order № A 3/05.01.2021.

This order shall be notified to the Testing Center of Electronic and Office Equipment at Business Innovation Center – IZOT Jsc, within 3(three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

