REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ A 414

Sofia, 01.11.2024

Pursuant of Art. 10, para. 1, item 2a and Art. 20, para. 6 of the Law on National Accreditation of Conformity Assessment Bodies, item 5.3.1 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, an open procedure reg. № 20/6 ЛИК/ПА/27.09.2022, declaration reg. № 20/6 ЛИК/5/Е/10.07.2024, assessment report reg. № 20/6 ЛИК/6/В/11.07.2024, annex G2 Section reg. № 20/6 ЛИК/12/В/02.09.2024 and EA BAS order reg. № A 413/01.11.2024, I hereby

AMEND

EA BAS order reg. № A 445/13.10.2023

BUSINESS INNOVATION CENTER – IZOT AD
CENTER FOR TESTING OF ELECTRONIC AND OFFICE EQUIPMENT

Management address: 1784 Sofia, 133 Tsarigradsko Shosse Blvd
Laboratory address: 1784 Sofia, 133 Tsarigradsko Shosse Blvd, Floor 4

To perform testing of:

Type of the scope: *flexible*

№	Tested products	Type of test/ characteristic	Testing methods (standard/ validated method)
1	2	3	4
1.	Audio/video, information and communication technology equipment	Protection from hazards (protection from electric shock and energy hazards)	БДС EN IEC 62368-1, cl. 5.3.2.1, cl. 5.3.2.2
		Voltage to accessible parts SELV circuits	БДС EN IEC 62368-1, cl. 5.2.2.2, cl. 5.2.2.4, cl. 5.2.2.5
		Protective eathing, transient resistance	БДС EN IEC 62368-1, cl. 5.6
		Thermal requirements	БДС EN IEC 62368-1, cl. 5.4.1.4 (5.4.1.4.2)
		Touch current and protective conductor current	БДС EN IEC 62368-1, cl. 5.2.2.2, cl. 5.7.3, cl. 5.7.4, cl. 5.7.5
		Electric strength	БДС EN IEC 62368-1, cl. 5.4.1.3, cl. 5.4.5, cl. 5.4.5.2, cl. 5.4.8, cl. 5.4.9.2
		Protection from electric shock hazard under normal operating condition	БДС EN IEC 62368-1, cl. 5.3.2.2
		Heating under normal operating conditions (temperature rise ΔT)	БДС EN IEC 62368-1, cl. 5.4.1.4, cl. 5.4.1.10

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Type of the scope: *flexible*			
№	**Tested products**	**Type of test/ characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		Leakage current	БДС EN IEC 62368-1, cl. 5.3.2.2, cl. 5.7.2.1
		Moisture resistance of the insulation	БДС EN IEC 62368-1, cl. 5.4.1.3, cl. 5.4.5, cl. 5.4.5.2, cl. 5.4.8
		Insulation resistance	БДС EN IEC 62368-1, cl. 5.4.1.3, cl. 5.4.5, cl. 5.4.5.2, cl. 5.4.8
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 and 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*
		Leakage current when using a protective impedance (accessible parts) Leakage current	БДС EN 60335-1 and the relevant part 2, cl. 8.1.4 (БДС EN 60990) cl. 13*
		Electric strength	БДС EN 60335-1 and the relevant part 2, cl. 16.3 (БДС EN 61180)*
		Protective eathing, transient resistance	БДС EN 60335-1 and the relevant part 2, cl. 27*
3.	Luminaries	Protection against indirect contact (earthing means)	БДС EN IEC 60598-1, cl. 7.2.3
		Insulation resistance	БДС EN IEC 60598-1, cl. 10.2.1
		Thermal test (normal operation)	БДС EN IEC 60598-1, cl. 12.4; 12.5; 12.6
4.	Medical electrical equipment	Protective earthing, transient resistance	БДС EN 60601-1, cl. 8.6
		Leakage current	БДС EN 60601-1, cl. 8.7
		Electric strength	БДС EN 60601-1, cl. 8.8
5.	Electrical equipment for measurement, control and laboratory use	Determination of accessible parts (Protection against electric shock)	БДС EN 61010-1, cl. 6.2.1, 6.2.2, 6.2.3
		Limit values for accessible parts - voltage	БДС EN 61010-1, cl. 6.3.1 a)
		- current levels (current per accessible part)	БДС EN 61010-1, cl. 6.3.1 b) (IEC 60990)
		Protective bonding (earting), impedance of protective bonding	БДС EN 61010-1, cl. 6.5.3.1
		Electric strength	БДС EN 61010-1, cl. 6.8 (6.8.2 to 6.8.4)
6.	Transformers, adaptors, power supply units and combinations thereof	Protection against electric shock - touch voltage	БДС EN IEC 61558-1, cl. 9.1 a)
		- touch current	БДС EN IEC 61558-1, cl. 9.1 b)

Type of the scope: *flexible*			
№	**Tested products**	**Type of test/ characteristic**	**Testing methods (standard/ validated method)**
1	2	3	4
		Insulation resistance	БДС EN IEC 61558-1, cl. 18.2
		Electric strength	БДС EN IEC 61558-1, cl. 18.3
		Protective eathing, transient resistance	БДС EN IEC 61558-1, cl. 24.4
7.	Circuit-breakers for overcurrent protection for household and similar installations	Electric shock hazard	БДС EN 60898, cl. 8.6
		Insulation resistance	БДС EN 60898, cl. 8.7
		Electric strength	БДС EN 60898, cl. 8.7
8.	Electrical equipment of machines	Insulation resistance	БДС EN 60204-1, cl. 18.3
		Electric strength	БДС EN 60204-1, cl. 18.4
9.	Toys	Determination of emission sound pressure levels	БДС EN 71-1, cl. 8.28
10.	Electric toys	Moisture resistance	БДС EN IEC 62115, cl. 11
		Electric strength	БДС EN IEC 62115, cl. 12
11.	Electrical equipments	Degrees of protections provided by enclosures (IP code) - To hazardous parts - against solid foreign objects - against ingress of water	БДС EN 60529, cl. 12.2, Table I cl. 13.2, Table II cl. 14.2.1 to cl. 14.2.6, Table III
11.	Electrical products, components and equipment (including taxis)	Testing Cab: Damp heat, steady state	БДС EN 60068-2-78
		Testing Db: Damp heat, cyclic	БДС EN 60068-2-30
		Testing B: Dry heat	БДС EN 60068-2-2
		Testing A: Cold type	БДС EN 60068-2-1

Notes: * the relevant part 2 of the standards from БДС EN 60335-2-2 to БДС 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 laboratory.*

To perform calibration of:

Type of the scope: *fixed*					
№	**Type of measuring instrument**	**Measured quantuty, measurement unit**	**Measurement range**	**Measurement uncertainty**	**Calibration method**
1	2	3	4	5	6
1.	Thermometers (liquid, digital)	Temperature °C	From -40°C to 0°C	0,07°C to 0,08°C	МК 504-01-01 (2012)
			From 0°C to 100°C	0,08°C to 0,10°C	
			From 100°C to 150°C	0,10°C to 0,25°C	
			From 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	МК 504-03-01 (2020) МК 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 hygrostat.
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/01.11.2024, valid until 13.10.2027 and this order as an integral part of it.

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

Upon receipt of the certificate issued and enclosure, the accredited person is obliged to return to EA BAS the originals of the certificate of accreditation with reg. № 6 ЛИК/13.10.2023, valid until 13.10.2024, its enclosure EA BAS order reg. № A 445/13.10.2023.

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

Eng. Irena Borislavova

Executive Director of EA BAS