



ORDER

№ A 528

Sofia, 22.12.2023

Pursuant of Art. 10, para. 1, item 2, Art. 20, para. 6 of the Law on National Accreditation of Conformity Assessment bodies, item 4 of the BAS QR 2 Accreditation Procedure in connection with an open procedure reg. № 520-ЛИ/30.05.2023, assessment report reg. № 520-ЛИ/5/В/04.10.2023 and statement of the Accreditation Commission reg. № 520-ЛИ/10/В/15.12.2023, I hereby

ACCREDIT

**CERB HIGH VOLTAGE LABORATORY LTD
HIGH VOLTAGE LABORATORY**

Management and laboratory address:
1220 Sofia, Voenna Rampa, 1 Lokomotiv Str.

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.	Power transformers	1.1. DC Resistance of windings by VA method	БДС 15320
		1.2. Transformation factor	БДС 15320
		1.3. Coil connection group	БДС 15320
		1.4. Insulation resistance	БДС 16654
		1.5. Absorption coefficient	БДС 16654
		1.6. Capacity	БДС 16654
		1.7. Dielectric loss angle tangent	БДС 16654
		1.8. Internal insulation test with variable test voltage (Withstand AC voltage applied from an external source)	БДС EN 60076-3 БДС 16249 БДС 9089 БДС EN 60060-1 БДС EN 60060-3
		1.9. Frequency response	БДС EN 6007 6-18
2.	Current instrument transformers	2.1. Insulation resistance	БДС 16654
		2.2. Internal insulation test with variable test voltage (Withstand AC voltage applied from an external source)	БДС 9089 БДС EN 60060-1 БДС EN 60060-3
		3.1. Insulation resistance	БДС 16654
3.	Voltage instrument transformers	3.2. Internal insulation test with variable test voltage (Withstand AC voltage applied from an external source)	БДС 9089 БДС EN 60060-1 БДС EN 60060-3

Type of the scope: <i>flexible</i>			
№	Tested products	Type of test / characteristic	Testing methods (standard / validated method)
1	2	3	4
4.	Generators and motors	4.1. DC Resistance of windings by VA method	БДС EN 60034-4 БДС 6949
		4.2. Insulation resistance	БДС 6949
		4.3. Withstand voltage	БДС EN 60034-4 БДС EN 60060-1 БДС EN 60060-3

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 the laboratory.*

I ORDER

To issue the certificate of accreditation reg. № 195 ЛИ/22.12.2023, valid until 22.12.2027 and this order as an integral part of it.

The certificate of accreditation with the enclosure to be received by the manager / representative of the CERB High Voltage Laboratory Ltd, head of the High Voltage Laboratory, or other authorized person in the office of EA BAS.

This order shall be notified to the CERB High Voltage Laboratory Ltd, within 3(three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

