



РЕПУБЛИКА БЪЛГАРИЯ
Изпълнителна агенция
Българска служба за акредитация



**Страна по Многостранното споразумение
за взаимно признаване на ЕА в тази област**

ORDER

№ А 249

Sofia, 01.07.2024

Pursuant of Art. 10, para. 1, item 4, Art. 28, para 1, of the Law on National Accreditation of Conformity Assessment bodies and item 4.3.7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure reg. № 323/271 ОКС/ПА/08.01.2024, assessment report reg. № 323/271 ОКС/ПА/5/В/28.03.2024, annex G-2 Section reg.№ 323/271 ОКС/ПА/7/В/16.04.2024, statement of the Accreditation Commission № 323/271 ОКС/ПА/8/В/28.06.2023, I hereby

RE-ACCREDIT

„EMU“ AD, TARGOVISHTTE

EMU CONTROL, INSPECTION BODY OF TYPE C

Management address: 7700, Targovishte, Razboyna District, p.o. box 174
Office address: 7700, Targovishte, 12 Pirin Str.

To perform inspection of:

Type of scope: Flexible*					
№	Field of Inspection	Type of Inspection	Parameter of Inspection / Characteristic	Test and Measurement Methods Used During Inspection, Inspection Procedure	Regulations, Standards, Specifications, Schemes
1	2	3	4	5	6
1.	Electrical installations up to and including 750 kV	New and/or currently operated installations and facilities	Resistance of protective earthing systems	Technical policy – Electric substations and power lines – Electric Rower System Operator ПК 1	Ordinance № 16-116 (SG № 26/2008) Ordinance № 3 (SG № 90 and 91/2004); TS
			Resistance of lightning protection earthing systems	ПК 2	Ordinance № 16-116 (SG № 26/2008) Ordinance № 4 (SG № 6/2011); TS
			Earthed equipent's connection to the earthing facility	Technical policy – Electric substations and power lines – Electric Rower System Operator ПК3	Technical policy – Electric substations and power lines – Electric Rower System Operator/ 12.04.2022;TS

			Tangential and foot voltage	Technical policy – Electric substations and power lines – Electric Rower System Operator ПК 4	БДС EN 50522 Technical policy – Electric substations and power lines – Electric Rower System Operator/ 12.04.2022; TS
2.	Electrical installations up to and including 1000 V	New and/or currently operated installations and facilities	Impedance of the "phase-protective conductor" circuit	ПК 5	Ordinance № 16-116 (SG № 26/2008) Ordinance № 3 (SG № 90 and 91/2004); TS
			Zero sequence circuit breakers: - tangential voltage; - trigger current; - shutdown time; - resistance of protective earthing	ПК 6	Ordinance № 16-116 (SG № 26/2008) Ordinance № 3 (SG № 90 and 91/2004); TS
3.	Cables and cable lines up to 35 kV	New and/or currently operated installations and facilities	Insulation resistance	БДС 1986, items 3.3.a,b,e, f; НИЕМС; ПК 7	Ordinance № 16-116 (SG № 26/2008) Ordinance № 3 (SG № 90 and 91/2004); НИЕМС-1995; TS
4.	Cables and cable lines up to 20 kV	New and/or currently operated installations and facilities	Electrical strength with increased DC voltage	БДС 2406, ПК 8	Ordinance № 16-116 (SG № 26/2008); НИЕМС-1995; TS
5.	Overhead power lines, open and closed distribution systems up to and including 750 Kv	New and/or currently operated installations and facilities	Transient resistance in tension terminals, screw and bolt joints	НИЕМС; ПК 9	Ordinance № 16-116 (SG № 26/2008); НИЕМС -1995; TS
6.	Electrical insulating oil	New and/or currently operated installations and facilities	Breakthrough voltage	БДС EN 60156; ПК 10	Ordinance № 16-116 (SG № 26/2008); НИЕМС -1995; TS
7.	Optical cables, optical cable lines	New and/or currently operated installations and facilities	Imported attenuation from inhomogeneity; total attenuation;	БДС EN 60793-1-22; БДС EN 60793-140; БДС EN 61280-4-2; ПК 11	Bulgarian Telecommunication Company's instruction for the construction of

			loss of reverse reflection		optical cable lines – 2004; TS
8.	Artificial lighting in work and living environment	New and/or currently operated installations and facilities	Illumination	Methodical guidelines on the measurement and evaluation of artificial lighting-85, publishing house "Standardization" - 1985; ПК 12	Ordinance № 49 (SG № 7/1976); БДС EN 12464-1; TS

*The introduction of a new version of standards/documents or standards/documents that replace them is allowed. An up-to-date list of standards/documents with their dated versions is provided by the CAB.

References:

Ordinance № 16-116 on energy equipment's technical operation (as published in SG № 26/2008;
Ordinance № 3 on the structure of electrical installations and power lines (published in SG № 90/2004, and SG № 91/2004;
Ordinance № 4 on the lightning protection of buildings, external facilities and open spaces (SG № 45/2006);
Ordinance № 49 on buildings' artificial lighting (SG № 7/1976, amended in SG № 64/1976);
NIEMS-1995 - Standards for electrical machinery and equipment testing – 1995 issued by the Energy Commission;
 Methodological guidelines for measurement and assessment of artificial lighting in buildings 40-85,
 Compendium of methods NCHMEH, volume IV, ed. Standardization, 1985;
 Technical policy - electrical substations and power lines - ESO/12.04.2022;
 Instruction for construction of optical cable lines - БТК ЕАД „БТК - НИИС" - 2004.

I ORDER

To issue the Certificate of accreditation reg. № 271 OKC/01.07.2024, valid until 01.07.2028 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 EMU AD, Targovishte, head of the EMU Control Inspection body of type C at EMU AD, Targovishte, 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 reg. № 271 OKC/11.04.2023 and its enclosure EA BAS order reg. № A 160/11.04.2023.

This order shall be notified to the EMU AD, Targovishte within 3(three) days from its issuance.

Eng. Irena Borislavova

Executive Director of EA BAS

