



Signatory to the EA Multilateral Agreement in this field

ORDER

N A 122

Sofia, 09.04.2025

Pursuant of Art. 10, para. 1, item 2a of the Law on National Accreditation of Conformity Assessment bodies and item 5.3.1 in relation of item 4.3.8 c of the BAS QR 2 Accreditation Procedure BAS QR 2, letter with our ref. № 60/1 OKC/E/05.03.2025, report BAS QF 2.9.5.5 with ref. № 60/1 OKC/5/B/24.03.2025 and order of EA BAS № A 121/09.04.2025, I hereby

AMEND ORDER of EA BAS № A 500/27.12.2024

Of THE INSPECTION BODY of C-TYPE

at EL KONTROL EOOD, Stara Zagora

Management and office address:

6000, Stara Zagora, 17A, Patriarh Evtimiy Str.

To perform inspection of:

Type of scope: <i>flexible</i> *					
Item No	Scope of inspection	Type of inspection	Inspected parameter/ characteristics	Testing/ measuring methods used during inspection	Regulatory Acts, Standards, Specifications, Inspection schemes
1	2	3	4	5	6
1	Electrical switchgears and equipment up to and over 1000 V	New and existing operational sites and facilities	Resistance of protective earthing systems	ПКОН 02	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No. 3 (SG issues No. 90 and 91/2004); TC
			Resistance of lightning arresting earthing systems		Ordinance No. 4 (SG issue No. 6/2011); Ordinance No. 16-116 (SG issue No. 26/2008); TC
2	Electrical switchgears and equipment for voltage up to 30 kV	New and existing operational sites and facilities	Insulation resistance	ПКОН 04 БДС 13910 (revoked without replacement)	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No. 3 (SG issues No. 90 and 91/2004); Standards for Testing of Electrical Machinery and Equipment ННЕМС – 1995; TC
3	Electrical machines and equipment up to 35 kV	New and existing operational sites and facilities	Insulation at increased voltage and industrial frequency	ПКОН 05 БДС 9089 БДС 13910 (revoked without replacement)	ННЕМС -1995; Ordinance No. 3 (SG issues No. 90 and 91/2004); TC
4	Electrical switchgears and equipment for voltage up to 1000 V	New and existing operational sites	Impedance of the "phase-protective conductor" circuit	ПКОН 01	Ordinance No. 16-116 (SG issue No. 26 /2008) Ordinance No. 3 (SG issues No.

		and facilities			90 and 91/2004); TC
			Protective circuit breakers (PCB): - actuating current, - switch-off time, - contact (touch) voltage, - resistance of earthing rod	ПКОН 14	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No. 3 (SG issues No. 90 and 91/2004); TC
5	Electrical protective equipment: isolating rods – for handling (operating), for measuring; for portable earthing rods, isolating pliers, electric measuring pliers, dielectric carpets, strips	Products under operational use	Electric strength of insulation tested via increased voltage at industrial frequency	ПКОН 03 Ordinance No. 22 (SG issue No. 45/2006)	Ordinance No. 22 (SG issue No. 45/2006); TC
6	Electrical protective equipment: Voltage indicators	Products under operational use	Electric strength of insulation tested via increased voltage at industrial frequency, and voltage threshold	ПКОН 03 Ordinance No. 22 (SG issue No. 45/2006)	Ordinance No. 22 (SG issue No. 45/2006); TC
7	Electrical protective equipment: Insulating (dielectric) gloves, ankle-boots, boots and overshoes	Products under operational use	Electric strength of insulation tested via increased voltage at industrial frequency, and leakage current	ПКОН 03 Ordinance No. 22 (SG issue No. 45/2006)	Ordinance No. 22 (SG issue No. 45/2006); TC
8	Cables and cable lines up to 35 kV	New and existing operational sites	Insulation resistance	ПКОН 04 БДС 1986, item 3.3 a), b), d), and e)	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No.3 (SG issues No. 90 and 91/2004); НИЕМС -1995; TC
			Electric strength of insulation tested at increased DC voltage	ПКОН 11 БДС 2406	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No.3 (SG issues No. 90 and 91/2004); НИЕМС -1995; TC
9	Power transformers up to 400 kV	New and existing operational sites and facilities	Active resistance of coils	ПКОН 09 БДС 15320	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No.3 (SG issues No. 90 and 91/2004); НИЕМС -1995; TC
			Insulation resistance	ПКОН 09 БДС 16654	Ordinance No. 16-116 (SG issue No. 26/2008); НИЕМС -1995; TC
			Transformation factor	ПКОН 09 БДС 15320	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No.3 (SG issues No. 90 and 91/2004); НИЕМС -1995;

					TC
			Connection group	ПКОН 09 БДС 15320	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No.3 (SG issues No. 90 and 91/2004); НИЕМС -1995; TC
10	Electrical insulating oil for up to 220 kV	New and existing operational products	Breakdown voltage	ПКОН 10 БДС EN 60156	Ordinance No. 16-116 (SG issue No. 26/2008); TC
11	Direct and alternating current electric motors up to 6 kV	New and existing operational sites and facilities	Active resistance of coils	ПКОН 08 НИЕМС -1995	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No.3 (SG issues No. 90 and 91/2004); НИЕМС -1995; TC
12	Power circuit-breakers and disconnectors for up to 400 kV	New and existing operational sites and facilities	Transitional resistance in the contact system	ПКОН 12 НИЕМС -1995	Ordinance No.3 (SG issues No. 90 and 91/2004); НИЕМС -1995; TC
13	Relay protection, electric automation controls, telemechanics and secondary circuits in electrical switchgears for up to and over 1000 V	New and existing operational facilities	Thresholds for activation and/or reset based on current, voltage, impedance, frequency, power, operating time, harmonic components, and the phase angle between two quantities (voltage/current)	ПКОН 13 БДС 7862	Ordinance No. 16-116 (SG issue No. 26/2008); Ordinance No.3 (SG issues No. 90 and 91/2004); TC
14	Current measuring transformers for up to 400 kV	New and existing operational facilities	Active resistance of coils	ПКОН 06 БДС 15320	НИЕМС -1995; TC
			Insulation resistance	ПКОН 06 БДС 16654	НИЕМС -1995; TC
			Transformation factor	ПКОН 06 БДС 15320	НИЕМС -1995; TC
			Current-voltage characteristics	ПКОН 06 БДС 15320	Ordinance No.3 (SG issues No. 90 and 91/ 2004); НИЕМС -1995; TC
			Coil polarity	ПКОН 06 БДС 15320	Ordinance No.3 (SG issues No. 90 and 91/ 2004); НИЕМС -1995; TC
15	Voltage measuring transformers for up to 400 kV	New and existing operational facilities	Active resistance of coils	ПКОН 07 БДС 15320	Ordinance No.3 (SG issues No. 90 and 91/ 2004); НИЕМС -1995; TC
			Insulation resistance	ПКОН 07 БДС 16654	НИЕМС -1995; TC
			Transformation	ПКОН 07	НИЕМС-1995;

			factor	БДС 15320	TC
			Coil polarity	ПКОН 07 БДС 15320	Ordinance No.3 (SG issues No. 90 and 91/ 2004); ННЕМС -1995; TC
16	Fiber optic cable lines	New and existing operational facilities	Total attenuation, losses from inverse reverberation in fiber optic cable lines, inserted attenuation resulted from non-uniformities and connections	ПКОН 18 БДС EN 61280-4-1 БДС EN 61280-4-2	Instruction for Construction of Optical Cable Lines (ICOCL) at Bulgarian Telecommunication Company - Scientific Institute for Research in Communications - 2004; TC

***Flexible scope:** Introduction of a new version of standards/documents, or replacing standards/documents, is permitted. An up-to-date list of standards/documents with their dated versions shall be provided by the Conformity Assessment Body.

Ordinance No. 16-116 on the Technical Operation of Energy Equipment (SG Issue 26/2008);
Ordinance No. 3 on the Design of Electrical Installations and Power Transmission Lines (SG issue 90/2004, issue 91/2004);
Ordinance No. 4 on the Lightning Protection of Buildings, Outdoor Facilities and Open Spaces (SG issue 6/2011);
Ordinance No. 22 on the Testing of Electrical Protective Equipment in Operation (SG issue 45/2006);
ННЕМС -1995 - Standards for Testing of Electrical Machinery and Equipment;
ICOCL at BTC - SIRC-2004 - Instruction for Construction of Optical Cable Lines at the Bulgarian Telecommunication Company - Scientific Institute for Research in Communications -2004;
TC - Technical Specification

I ORDER

To issue the Certificate of Accreditation reg. No 1 OKC of 09.04.2025, valid until 27.12.2028, and this order enclosed as an integral part thereof.

The certificate of accreditation with the enclosure should be obtained from the Manager of **EL KONTROL EOOD, Stara Zagora** of the Type C Control at **EL KONTROL EOOD, Stara Zagora** or other authorized person in the building of EA BAS.

Upon receipt of the issued certificate of accreditation and application, the accredited person is obliged to return to BAS EA the originals of the certificate of accreditation Reg. No. 1 OKC/ 27.12.2024, valid until 27.12.2028 and annex-order No. A 500 of 27.12.2024.

This Order shall be notified to legal entity within 3 (three) days from its issuance.

Eng. Irena Borislovova

Executive Director of EA BAS

