REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

№ А 204

Sofia, 29.05.2024

Pursuant to Art. 10, para.1, item 4 and Art. 28, para 1 of the Law on the National Accreditation of Conformity Assessment Bodies and item 4.3.7 of the Accreditation Procedure BAS QR 2, in connection with an open reaccreditation procedure with reg. № 466/197 ОКС/ПА/18.10.2023, On-site Assessment Report with incoming reference № 466/197 ОКС/ПА/4/В/14.02.2023, Annex to the Report (Section G-2) with incoming reference № 466/197 ОКС/ПА/3/В/22.02.2024, and Statement of the Accreditation Committee with incoming reference № 466/197 ОКС/ПА/4/В/29.04.2024,

I RE-ACCREDIT

Inspection Body of Type C
at Electrolux Tabakov and Sons Ltd., Plovdiv

Headquarters address: 36 Tsar Boris III Obedinitel Blvd., 5th floor, region Tsentralen, 4000 Plovdiv
Office Address: 9 Sedyanka St., Karshiyaka residential area, 4003 Plovdiv

To perform inspection:

Type of scope: *Flexible**					
№	**Field of Inspection**	**Type of inspection**	**Parameter/ characteristic of inspection**	**Testing/ measurement methods used for inspection**	**Regulations, standards, specifications, schemes**
1	**2**	**3**	**4**	**5**	**6**
1	Cable line up to 20 kV inclusive	For new objects and/or for objects in use /operation	Increased constant voltage control	БДС 2406 БДС 2581 ОКС 7.1 REV 01/1	Regulation № 16-116 (SG, issue № 26/2008), TS
2	Power transformer up to 110 kV	For new objects and/or for objects in use /operation	Insulation resistance of the windings	БДС 16654 ОКС 7.1 REV 01/2	Regulation № 16-116 (SG, issue № 26/2008), Regulation № 3 (SG, issue № 90,91/2004), TS
			Absorption coefficient R60/R15	БДС 16654 ОКС 7.1 REV 01/2	Regulation № 16-116 (SG, issue № 26/2008), Regulation № 3 (SG, issue № 90,91/2004), TS
			Active resistance of the windings	БДС 15320 ОКС 7.1 REV 01/2	Regulation № 16-116 (SG, issue № 26/2008), Regulation No. 3 (SG, issue No. 90,91/2004), TS
			Voltage conversion ratio	БДС 15320 Standards for Testing of Electrical Machinery and Equipment – 1995 ОКС 7.1 REV 01/2	Regulation № 16-116 (SG, issue No. 26/2008), Regulation № 3 (SG, issue № 90,91/2004), TS

52 A "Dr. G. M. Dimitrov" Blvd. 1797 Sofia Bulgaria
phone: +359 2 9766 401; fax: +359 2 873 53 02
e-mail: office@nab-bas.bg; web: www.nab-bas.bg

Type of scope: *Flexible**

№	Field of Inspection	Type of inspection	Parameter/ characteristic of inspection	Testing/ measurement methods used for inspection	Regulations, standards, specifications, schemes
1	2	3	4	5	6
3	Transformer oil	For new products and/or for products in use/operation	Disruptive voltage	БДС EN 60156 ОКС 7.1 REV 01/3	Regulation № 16-116 (SG, issue № 26/2008), Regulation № 3 (SG, issue № 90,91/2004), TS
4	Electrical protective equipment: Dielectric gloves, ankle boots, boots, galoshes	Products in operation	Electric strength of insulating material by increased alternating voltage; Leakage current	Regulation No. 22 (State Gazette, issue № 45/2006) ОКС 7.1 REV 01/4	Regulation № 22 (SG, issue № 45/2006) TS
	Electrical protective equipment: insulating rods of all types, insulating rods for portable earthing devices; insulating pliers; current measuring pliers; dielectric carpets and rugs; portable earthing devices		Electric strength of insulating material by increased alternating voltage	Regulation No. 22 (State Gazette, issue № 45/2006) ОКС 7.1 REV 01/4	Regulation № 22 (SG, issue № 45/2006) TS
	Electrical protective equipment: voltage indicators		Electric strength of insulating material by increased alternating voltage; Voltage indication threshold (voltage threshold)	Regulation No. 22 (SG, issue № 45/2006) ОКС 7.1 REV 01/4	Regulation № 22 (SG, issue № 45/2006) TS
5	Electrical installations and equipment up to and over 1000 V	New objects/ equipment and/or objects/equipment in use /operation	Resistance of protective earthing devices	ОКС 7.1 REV 01/5	Regulation № 16-116 (SG, issue No. 26/2008), Regulation № 3 (SG, issue № 90,91/2004), TS
6	Electrical installations and equipment up to and over 1000 V	New objects/ equipment and/or objects/equipment in use /operation	Resistance of lightning protection earthing devices	ОКС 7.1 REV 01/6	Regulation № 16-116 (SG, issue No. 26/2008), Regulation № 3 (SG, issue № 90,91/2004), Regulation № 4 (SG, issue № 6/2011), TS
7	Electrical installations and equipment up to 1000 V	New objects/ equipment and/or objects/equipment in use /operation	Loop impedance phase "protective conductor"	ОКС 7.1 REV 01/7	Regulation №16-116 (SG, issue №26/2008), Regulation № 3 (SG, issue № 90,91/2004), TS

Type of scope: *Flexible**					
№	**Field of Inspection**	**Type of inspection**	**Parameter/ characteristic of inspection**	**Testing/ measurement methods used for inspection**	**Regulations, standards, specifications, schemes**
1	**2**	**3**	**4**	**5**	**6**
8	Electrical installations and equipment up to 1000 V	New objects/ equipment and/or objects/equipment in operation	Protective circuit breakers: triggering current and resistance of protective earthing device	ОКС 7.1 REV 01/8	Regulation № 16-116 (SG, issue № 26/2008), Regulation № 3 (SG, issue № 90,91/2004)
9	Cable line up to 1000 V	New objects/ equipment and/or objects/equipment in operation	Insulation resistance	БДС 1986, item 3.3 a), b), d), e) ОКС 7.1 REV 01/9	Regulation №16-116 (SG, issue №: 26/2008), Regulation № 3 (SG, issue № 90,91/2004) TS
10	Current measuring transformers up to 400 kV	New equipment and equipment in operation	Active resistance of the windings	Standards for Testing of Electrical Machinery and Equipment -1995 БДС 15320 ОКС 7.1 REV 01/10	Standards for Testing of Electrical Machinery and Equipment -1995 TS
			Insulation resistance	Standards for Testing of Electrical Machinery and Equipment -1995 БДС 15320 Inspection Body of Type C 7.1 REV 01/10	Standards for Testing of Electrical Machinery and Equipment -1995 TS
			Conversion ratio	Standards for Testing of Electrical Machinery and Equipment -1995 ОКС 7.1 REV 01/10	Standards for Testing of Electrical Machinery and Equipment -1995 TS
			Current–voltage characteristic	Standards for Testing of Electrical Machinery and Equipment -1995 ОКС 7.1 REV 01/10	Regulation № 3 (SG, issue № 90,91/2004) Standards for Testing of Electrical Machinery and Equipment -1995 TS
			Polarity of the windings	Standards for Testing of Electrical Machinery and Equipment -1995 ОКС 7.1 REV 01/10	Regulation № 3 (SG, issue № 90,91/2004) Standards for Testing of Electrical Machinery and Equipment -1995 TS
11	Voltage measuring transformers up to 400 kV	New equipment and equipment in operation	Active resistance of the windings	БДС 15320 Standards for Testing of Electrical Machinery and Equipment -1995 ОКС 7.1 REV 01/11	Regulation № 3 (SG, issue № 90,91/2004) Standards for Testing of Electrical Machinery and Equipment -1995 TS
			Insulation resistance	Standards for Testing of Electrical Machinery and Equipment -1995 ОКС 7.1 REV 01/11	Standards for Testing of Electrical Machinery and Equipment -1995 TS
			Conversion ratio	Standards for Testing of Electrical Machinery and Equipment -1995 ОКС 7.1 REV 01/11	Standards for Testing of Electrical Machinery and Equipment -1995 TS
12	Electrical systems and voltage equipment up to 35 kV	New objects and equipment and objects and equipment in operation	Insulation resistance	БДС 13910 (Cancelled, no replacement) Standards for Testing of Electrical Machinery and Equipment -1995 ОКС 7.1 REV 01/13	Regulation № 16-116 (SG, issue № 26/2008), Regulation № 3 (SG, issue № 90,91/2004) Standards for Testing of Electrical Machinery and Equipment -1995 TS

Type of scope: *Flexible**					
№	**Field of Inspection**	**Type of inspection**	**Parameter/ characteristic of inspection**	**Testing/ measurement methods used for inspection**	**Regulations, standards, specifications, schemes**
1	**2**	**3**	**4**	**5**	**6**
13	Protection relay, electric automation, telemechanics and secondary circuits in voltage systems up to and over 1000 V	New equipment and equipment in operation	Testing the operation of the device by current and voltage control	Reference Book of Protection Relay 1977) Handbook of Protection Relay 1981) OKC 7.1 REV 01/14	Regulation № 16-116 (SG, issue № 26/2008), Handbook of Protection Relay 1981) TS
			Testing the settings of protection relays according to a scale by current and voltage control	Reference Book of Protection Relay 1977) Handbook of Protection Relay 1981) OKC 7.1 REV 01/14	Regulation № 16-116 (SG, issue № 26/2008), Handbook of Protection Relay 1981) TS
14	Electrical machinery and equipment up to 10 kV	New equipment and equipment in operation	Insulating material with increased voltage	Standards for Testing of Electrical Machinery a БДС 9089, БДС 13910 (Cancelled, no replacement) O	Regulation № 3 (SG, issue № 90,91/2004) Standards for Testing of Electrical Machinery and Equipment -1995 TS

** Introduction of new versions 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.*

Regulations:

Regulation № 16-116 on the Technical Operation of Energy Equipment (State Gazette, issue № 26/2008);

Regulation № 3 on the Design of Electrical Installations and Power Transmission Lines (State Gazette, issue № 90 and 91/2004);

Regulation № 22 on the Testing of Electrical Protective Equipment in Operation (State Gazette, issue № 45/2006);
Regulation № 4 on the Lightning Protection of Buildings, Outdoor Facilities and Open Spaces (State Gazette, issue № 6/18.01.2011);

STEME -1995 - Standards for Testing of Electrical Machinery and Equipment -1995 of the Energy Committee;

HPR (Handbook of Protection Relay 1981) – Sofia, Technica Publishing House 1981;

RBPR (Reference Book of Protection Relay 1977) – Sofia, Technica Publishing House 1977;

TS - Technical Specification

I ORDER:

To issue the Certificate of Accreditation reg. № 197 OKC of 29.05.2024 valid until 29.05.2028, and this order, enclosed as an integral part thereof.

The Certificate of Accreditation with the enclosure to be received by the manager of Electrolux Tabakov and Sons Ltd., Plovdiv, the head of the Inspection Body of Type C at Electrolux Tabakov and Sons Ltd., Plovdiv, or other authorized person in the office of EA BAS.

Upon receipt of the certificate issued and the enclosure, the accredited CAB is obliged to return to EA BAS the originals of Certificate of accreditation reg. № 197 OKC of 04.04.2023, valid until 29.05.2024 and its enclosure, Order for Accreditation reg. № A 150/04.04.2023 of EA BAS.

This Order shall be notified to Electrolux Tabakov and Sons Ltd, within 3 (three) days from its issuance.

Eng. IRENA BORISLAVOVA

Executive Director of EA BAS