



ORDER

No. A 584

Sofia, 30.09.2020

Pursuant of Art. 10, para. 1, item 3 and item 4, Art. 28, para. 1 and Art. 30 para.1 of the Law on National Accreditation of Conformity Assessment bodies and item 6 and item 7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure of accreditation with reg. № 324/51 OKC/ПА/PO 15.11.2019, evaluation report № 324/51 OKC/ПА/PO/B/29.06.2020, Declaration of Refusal ref. № 324/ 51 OKC/6/P/29.06.2020; Section G-2 ref. № 324/51 OKC/ПА/PO/11/B/14.08.2020 and opinion of the Accreditation Commission № 324/51 OKC/ПА/PO/12/B/29.09.2020, I hereby

RE-ACCREDIT AND EXTEND THE SCOPE OF ACCREDITATION OF

INSPECTION BODY OF TYPE C

at "ETRA-EL" Ltd., Sofia

Management and office address: 5000, Veliko Tarnovo 3, Magistralna Str.

To perform inspection of:

Scope type: Flexible*					
№	Field of Inspection	Type of Inspection	Parameter of Inspection / Characteristic	Test and Measurement Methods Used During Inspection	Regulations, Standards, Specifications, Schemes
1	2	3	4	5	6
1.	Electrical facilities and equipment up to and above 1000 V	New and operational sites and facilities	Insulation resistance	Norms for testing electrical machines and equipment (NIEMS)-1995 ПК-1	Ordinance No. 16-116, (SG iss. 26/2008); Ordinance No. 3, (SG iss. 90, 91/2004); TS
Resistance of lightning protection grounding systems			ПК-2	Ordinance No. 16-116, (SG iss. 26/2008); Ordinance No. 3, (SG iss. 90, 91/2004); TS	
Impulse resistance of lightning protection grounding systems			ПК-2	Ordinance No. 4, (SG iss. 6/2011); TS	
2.	Electrical facilities and equipment above 1000 V- Cable lines of up to 20kV	New and/or operational sites/ facilities	Elevated DC voltage test	NIEMS- 1995 ПК-5	Ordinance No. 16-116, (SG iss. 26/2008); Ordinance No. 3, (SG iss. 90, 91/2004); NIEMS-1995 CP TS
3.	Electrical facilities and equipment above 1000 V- Power transformers of up to 35 kV	New and/or operational sites and facilities	Insulation resistance	NIEMS-1995 ПК-6	NIEMS-1995 Ordinance No. 16-116, SG iss. 26/2008;
			Resistance of the coils	БДС 15320 ПК-6	Ordinance No. 3, (SG iss. 90, 91/2004) Ordinance No. 16-116, (SG iss. 26/2008); TS

			Transformation factor	БДС 15320 ПК-6	Ordinance No. 3, (SG iss. 90, 91/2004), Ordinance No. 16-116, (SG iss. 26/2008); TS
4.	Electrical facilities and equipment up above 1000 V- Current measuring transformers up to 35 kV	New and/or operational sites/ facilities	Insulation resistance	NIEMS-1995 ПК-6	Ordinance No. 3, (SG iss. 90, 91/2004); NIEMS-1995 TS
			Resistance of the coils	БДС 15320	Ordinance No. 3, (SG iss. 90, 91/2004), NIEMS-1995 TS
			Transformation factor	БДС 15320 ПК-6	NIEMS-1995 TS
			Volt-ampere characteristic	NIEMS-1995 ПК-6	Ordinance No. 3, (SG iss. 90, 91/2004), TS
5.	Electrical devices and equipment over 1000 V- Voltage measuring transformers up to 35kV	New and/or operational sites/ facilities	Insulation resistance	NIEMS-1995 ПК-6	Ordinance No. 3, (SG iss. 90, 91/2004); NIEMS-1995 TS
			Resistance of the coils	БДС 15320 ПК-6	Ordinance No. 3, (SG iss. 90, 91/2004); NIEMS-1995 TS
			Transformation factor	БДС 15320 ПК-6	NIEMS-1995 TS
6.	Electrical installations and equipment of up to 1000V	New and/or operational sites/facilities	Impedance of the loop "phase-protective conductor"	ПК-3	Ordinance No. 16-116, (SG iss. 26/2008); Ordinance No. 3, (SG iss. 90, 91/2004), TS
			Circuit breakers: Contact voltage; Shutdown time	ПК-4	Ordinance No. 16-116, (SG iss. 26/2008); Ordinance No. 3, (SG iss. 90, 91/2004), TS
7.	Electrical installations and equipment of up to 400kV	New and/or operational sites/facilities	Transient resistance of a contact system	NIEMS-1995 ПК-7	NIEMS-1995 TS
			Transient resistance of connections	NIEMS-1995 ПК-7	Ordinance No. 16-116, (SG iss. 26/2008); Ordinance No. 3, (SG iss. 90, 91/2004), TS

8.	Artificial lighting in working and domestic environments	New and/or operational sites/facilities	Illuminance	Methodological guidelines for the measurement and assessment of artificial lighting in buildings 40-85, Standardizatsia Publishing House, 1985. ПК-8 version 1 of 11.09.2019	Ordinance No.49, SG iss. 7/1976 Ordinance No. 9, SG iss. 46/1994; Ordinance No. 24, SG iss. 95/2003; Ordinance No. 2, SG iss. 15/2007; Ordinance No. 3, SG iss. 15/2007 Ordinance No. 26, SG iss. 103/2008 Bulgarian State Standard EN 12464-1 TS
9.	Microclimate in working and living environments	New and/or operational sites/facilities	Air temperature, Air velocity, Relative air humidity	Ordinance No. RD-07-3, SG iss. 63/2014 БДС 16686 ПК-9	Ordinance No. 9, SG iss. 46/1994; Ordinance No. 24, SG iss. 95/2003; Ordinance No. 2, SG iss. 15/2007; Ordinance No. 3, SG iss. 15/2007 Ordinance No. 26, SG iss. 103/2008 Ordinance No. RD-07-3, SG iss. 63/2014 БДС 14776 TS

** Introduction of a new version of standards/documents or standards/documents replacing them is allowed. An up-to-date list of standards/documents with their dated versions shall be provided by the CAB.*

Ordinance No. 16-116 on the technical operation of energy equipment (SG iss. 26/2008)
Ordinance No. 3 on the structure of electrical installations and current-carrying lines (SG iss. 90 and 91/2004)
Ordinance No. 4 on the lightning protection of buildings, outdoor facilities and open spaces (SG iss. 6/2011)
NIEMS-1995. Measurement standards for electrical machines and equipment
Ordinance No. RD-07-3 on the minimum requirements for the microclimate of workplaces (SG iss. 63/10.08.2014)
Ordinance No. 3 on the health requirements for kindergartens (SG No. 15/2007)
Ordinance No. 2 on health requirements for computer and internet rooms for public use (SG iss. 15/2007)
Ordinance No. 24 on sanitary and hygienic requirements for discotheques (SG No. 95/2003);
Ordinance No. 9 on the health and hygiene requirements for the use of personal computers in the education and extracurricular activities of pupils (SG iss. 46/1994)
Ordinance No. 49 on artificial lighting of buildings (SG iss. 7/1976)
Ordinance No. 26 on the structure and operation of nurseries and children's kitchens and the health requirements for them (SG iss. 103/2008)
Methodological guidelines for measurement and assessment of artificial lighting in buildings 40-85, ed. Standardizatsia Publishing House, 1985
TS-Technical Specification.

I ORDER

To issue the Certificate of Accreditation reg. No 51 OKC of 30.09.2020, valid until 30.09.2024, and this order enclosed as an integral part thereof.

The certificate of accreditation with the enclosure should be obtained from the Manager of ETRA-EL Ltd., Veliko Tarnovo Head of the Type C Control Authority at ETRA-EL Ltd., Veliko Tarnovo 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. 51 OKC/30.09.2016 and annex-order No. A 481 of 30.09.2016.

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

Eng. Irena Bonislavova

Executive Director of EA BAS

