



**REPUBLIC OF BULGARIA**  
Executive agency  
Bulgarian accreditation service



*Signatory to the EA Multilateral Agreement in this field*

**ORDER**

**№ A 96**

**Sofia, 19.03.2025**

Pursuant of Art. 10, para 1, item 2 and Art. 20 item 6 of the Law on National Accreditation of Conformity Assessment Bodies and Item 4.3.7 of the Accreditation BAS QR 2, related to opened procedure reg. No. 500-OK/30.09.2024, assessment report ref. No. 500-OK/4/B/27.11.2024, annex G-2 Ref. No. 500-OK/2/B/06.01.2025 and statement by the Accreditation Commission No. 500-OK/4/B/13.03.2025, I hereby

**ACCREDIT**

**„AvesG“ EOOD, SOFIA**

**INSPECTION BODY OF TYPE C**

**Management address:** 1113 Sofia, Slatina District, 5A Prelom Str.

**Office address:** Sofia, Lozenets District, 20 Dr. Boris Valchev Str.

**To perform inspection according to the following scope:**

Type of the Scope:: <i>Flexible*</i>					
№	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 and equipment up to and above 1000 V	Of new sites and equipment and/or sites and equipment In operation	Insulation resistance	БДС 10370 БДС 15089 БДС 16654 БДС 1986, 3.3 a), 6), a) and e) БДС EN 61439-1, item 11.9 НИЕМС/1995; Ordinance No. RD-02-20-1, SG, 53 /2018  ПР 7.1.2	БДС 10370 НИЕМС 1995 НТЕЕ Ordinance No. 16-116 SG No. 26/2008; НУЕУЕЛ Ordinance No. 3, SG No. 90 and 91/2004 Ordinance No. RD-02-20-1, SG No. 53/26.06.2018  TS

2	Electrical Installations and equipment below and over 1000 V	Of new sites and equipment and/or sites and equipment In operation	Protective grounding equipment resistance	Ordinance № RD- 02-20-1, SG, 53/2018 ПР 7.1.3	HTEE Ordinance No. 16-116, SG, 26/2008 НУЕУЕЛ Ordinance No. 3, SG No. 90 and 91/2004 БДС 414 TS
3	Electrical Installations and equipment below and over 1000 V	Of new sites and equipment and/or sites and equipment In operation	Lightning protection grounding equipment Impulse resistance	Ordinance № RD- 02-20-1, SG 4 53/2018 ПР 7.1.4	HTEE Ordinance No. 16-116, SG, 26/2008 , НУЕУЕЛ Ordinance no. 3, SG, 90/91/2004 НМСВСОП Ordinance No. 4, SG, 6/2011; Ordinance No. RD- 02-20-1, SG, 11/31.01.2017 TS
4.	Electrical Installations and equipment below and over 1000 V	Of new sites and equipment and/or sites and equipment In operation	Insulation of machinery and equipment of up to 20 kV by means of power frequency high voltage	НИЕМС/1995, БДС 15235 БДС 9089 БДС 16249 БДС 15701 ПР 7.1.5	HTEE Ordinance № 16-116, SG, 26/2008, НИЕМС/1995 TS
5	Electrical installations and equipment below and over 1000 V	Of new sites and equipment and/or sites and equipment in operation	High constant voltage control Insulation of power cables of up to 20 KV	НИЕМС/1995 ПР 7.1.5	HTEE Ordinance No. 16-116, SG, 26/2008 , НИЕМС /1995; TS
6	Electrical Installations and equipment below and over 1000 V	Of new sites and equipment and/or sites and equipment In operation,,	Uniform distribution of power cables load by means of current control	HTEE Ordinance No. 16-116/2008, SG/ 26/2008 Version 5, Revision 1/27.06.2022 ПР 7.1.7	HTEE Ordinance No. 16-116, SG, 26/2008, TS
7.	Electrical installations and equipment up to and above 1000 V	Of new sites and equipment and/or sites and equipment In operation,,	Ohmic resistance of machinery and equipment (power, instrument transformers and rotating machinery, switch power contact	БДС 15320 БДС 2374 ПР 7.1.8	НИЕМС/1995 HTEE Ordinance No. 16-116, SG, 26/2008, БДС 15320 БДС 2374 TS

			systems, power line connections, etc.)		
8.	Electrical installations and equipment up to and above 1000 V	Of new sites and equipment and/or sites and equipment In operation,,	Transformer transformation ratio	БДС 15320 ПР 7.1.9	HTEE Ordinance No. 16-116, SG, 26/2008, TS
9.	Electrical installations and equipment up to and above 1000 V	Of new sites and equipment and/or sites and equipment In operation,,	Volt-ampere characteristic of instrument transformers	НИЕМС/1995 ПР 7.1.10	НИЕМС/1995 TS
10.	Electrical installations and equipment up to and above 1000 V	Of new sites and equipment and/or sites and equipment in operation,,	Transformer winding connection group	БДС 15320 ПР 7.1.11	HTEE Ordinance No. 16-116, SG, 26/2008, TS
11.	Electrical installations and equipment up to and above 1000 V	Of new sites and equipment and/or sites and equipment in operation,,	Industrial frequency breakdown voltage of insulating fluids	БДС EN 60156 ПР 7.1.12	HTEE Ordinance №16-116, ДВ бр. 26 от 2008 г.; НУЕУЕЛ Ordinance № 3, SG, 90/91/2004 TS
12.	Electrical installations and equipment up to and above 1000 V	Of new sites and equipment and/or sites and equipment In operation,,	Transient resistance	Ordinance No. RD-02-20-1/12.06.2018  ПР 7.1.15	Ordinance No. RD-02-20-1/12.06.2018 НИЕМС/1995 Arques Publishing House TS
13.	Electrical installations and equipment up to 1000 V	Of new sites and equipment and/or sites and equipment In operation	Impedance Zs of the "Phase - protective conductor" loop	Ordinance No. RD-02-20-1, SG, 53/2018  ПР 7.1.13	HTEE Ordinance No. 16-116, SG, 26/2008, НУЕУЕЛ Ordinance № 3, SG, 90/91/2004 TS

14.	Electrical installations and equipment up to 1000 V	Of new sites and equipment and/or sites and equipment In operation,,	RCD circuit breakers: tripping current, tripping time, protective earthing resistance and touch voltage	Ordinance No. RD-02-20-1, SG, 53/2018,  ПР 7.1.14	HTEE Ordinance №16-116, ДВ бр. 26 от 2008 г.; НУЕУЕЛ Ordinance № 3, SG, 90/91/2004, Ordinance No. RD-02-20-1, SG, 53/2018, TS
15.	Microclimate of work and living environment	Of new sites and equipment and/or sites and equipment In operation,,	Air temperature  Relative air humidity, %  Air movement speed, m/s	БДС 16686 Ordinance № РД-07-3 (SG № 63/2014)  ПР 7.1.16	Ordinance № 2, SG, 15/2007, Ordinance № 3, SG, 15/2007, Ordinance № 9, (SG № 46 / 1994) Ordinance № 24 (SG № 95/2003); Ordinance № 26, (SG № 103/2008) Instruction № 34 (SG № 82/1975); Ordinance № РД-07-3 (SG № 63/2014) БДС 14776 TS
16.	Noise in the working environment	Of new sites and equipment and/or sites and equipment In operation,,	Daily level of noise exposition;  Weekly average level of noise exposition;  Level of peak sound pressure;	БДС EN ISO 9612 (БДС ISO 1999)  ПР 7.1.17	Ordinance № 6 (SG № 70/2005)  TS
17	Noise in various territories and development areas in urban areas and outside them	New and/or commissioned facilities	Noise equivalence level	БДС 15471 ПР 7.1.18	Ordinance № 6 (SG № 58/2006 annex 2, table 2)
18.	Noise in residential and public buildings;	New and/or commissioned facilities	Noise level;  Noise equivalence level;	БДС 15471 ПР 7.1.18	Ordinance № 7, SG № 88/1999; Ordinance № 2 (SG № 15/2007; Ordinance № 6 (SG № 16/1977, Ordinance № 6 (SG № 58/2006 annex 2, table 1)

					Ordinance № 9, SG № 46/ 1994; Ordinance № 24 (SG № 95/2003); Ordinance № 26, (SG № 103/2008)  TS
19.	Artificial lighting in work and household environment	Of new sites and equipment and/or sites and equipment In operation,,	Lighting	Methodical instruction for measuring artificial lighting in buildings 40-85,  ПП № 7.1.19	Ordinance №2 SG № 15/2007; Ordinance № 3, SG, 15/2007, Ordinance № 9, SG № 46/1994; Ordinance № 24 SG № 95/2003; Ordinance № 26, SG № 103/2008; Ordinance № 49 SG № 7/1976; БДС EN 12464-1; Instruction № 34 (SG № 82/1975); TS
20	Ventilation systems	Of new sites and equipment and/or sites and equipment In operation,,	Air flow speed;  Air debit.	БДС 12.3.018  ПП 7.1.20	Ordinance № 15 (SG № 68/2005); Ordinance № 15 (SG № 77/1987); Ordinance № 24 (SG № 95/2003); Ordinance № 34, SG № 82/1975, TS

*\*Implementing a new version of standards replacing them is allowed. An updated list of standards/documents and their dated versions is provided by CAB.*

ННЕМС - 1995. Standards for testing electrical machines and equipment - 1995 of the Energy Committee;  
HTEE Ordinance № 16-116 on the technical operation of energy equipment (SG № 26/ 2008);  
Ordinance № 3 on the design of electrical installations and power lines (SG № 90 and № 91/2004);  
Ordinance No. 4 regarding the lightning protection of buildings, outdoor facilities and open-air spaces (SG, No.6/2011);  
Ordinance No. RD-02-20-1 - on technical rules and regulations for control and acceptance of electrical installation works (SG No. 53/2018);  
Ordinance № 2 on the health requirements for computer and Internet halls for public use (SG № 15/2007);  
Ordinance No. 3 on the health requirements to the kindergartens (SG, No. 15/2007);  
Ordinance № 6 on the minimum requirements to ensure the health and safety of workers at risks related to exposure to noise (SG № 70/2005);  
Ordinance No. 6 on ambient noise indicators taking into account the degree of discomfort during different parts of the day and night, the limit values of ambient noise indicators in the premises of residential and public buildings, in areas and territories intended for residential construction, recreational areas and territories and mixed-use areas, the methods for assessing the values of noise indicators and the harmful effects of noise on the health of the population (SG No 58/2006);  
Ordinance № 6 to ensure a normal acoustic environment in residential and public buildings and places (SG № 16/1977);

Ordinance No. 7 regarding the minimal requirements for occupational health and safety at the workplaces and when using working tools and equipment (SG, No. 88/1999);  
Ordinance № 9 on the health and hygiene requirements for the use of personal computers in the education and extracurricular activities of students (SG № 46 1994);  
Ordinance № 15 on the technical rules and norms for the design, construction and operation of sites and facilities for production, transmission and distribution of heat energy (SG № 68/ 2005);  
Ordinance № 15 on the hygiene requirements for barbershops, hairdressing and beauty salons (SG, issue 77/1987);  
Ordinance № 24 regarding the sanitary and hygienic requirements to the disco clubs (SG, No. 95/2003);  
Ordinance № 26 on the structure and activity of the nurseries and children kitchens (SG № 103/2008);  
Ordinance № 49 on artificial lighting of buildings (SG № 7/1976);  
Instruction № 34 on the hygiene of sports facilities and equipment (SG iss. 82/1975);  
Ordinance № RD-07-03 on the minimum requirements for the microclimate of the workplaces (SG № 63/2014);  
Ordinance № RD-02-20-1/19.1.2017 on planning and design of construction sites intended for the production, storage and trade of weapons, ammunition, explosives and pyrotechnic articles.

### **I ORDER**

To issue the Certificate of accreditation reg. № 136 OKC/19.03.2025, valid until 19.03.2029 and this order as an integral part of it.

This Certificate of Accreditation together with the Order to be received by the Managing Director of „AvesG“ EOOD, SOFIA , the head of the Inspection Body Type C or other authorized person in the building 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 with reg. № 136 OKC/20.08.2024 and its enclosure EA BAS order № A 319/20.08.2024 as an integral part of it.

This Order shall be notified to „AvesG“ EOOD, SOFIA within 3 (three) days from its issuance.

**Eng. Irena Borislavova**

*Executive Director of EA BAS*

