REPUBLIC OF BULGARIA
Executive agency
Bulgarian accreditation service

Signatory to the EA Multilateral Agreement in this field

ORDER

No. A 212

Sofia, 26.06.2025

On the basis of Art. 10, para. 1, item 2a of the Law on the National Accreditation of Conformity Assessment Bodies and item 5.3.1 in connection with item 4.3.8 f) of the Accreditation Procedure BAS QR 2, report with entry No. 443/134 OKC /8/B/ 26.06.2025, and order of EA BAS A No. A 211/26.06.2025

I AMEND ORDER OF EA BAS Executive Agency No. A 196/16.06.2025

Of

INSPECTION BODY of TYPE C

"LOT INS" EOOD, Pleven

Management Address:
5800, Pleven, 37 Boris Shivachev St., floor 3, ap. 6
Office address:
5800, Pleven, 65 Doyran St., floor 2, office 201

To perform inspection of:

Scope Type: *Flexible**

No.	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.	Microclimate in working and domestic environments	On new and/or operational sites and facilities	- Air temperature; - Relative air humidity; - Speed of air movement.	Ordinance RD-07-3 (SG 63/2014) БДС 16686 ПК 01	Ordinance RD-07-3 (SG 63/2014) Ordinance 2 (SG 15/2007) Ordinance 3 (SG 15/2007) Ordinance 26 (SG 103/2008) Ordinance 9 (SG 46/1994) Ordinance 24 (SG 95/2003) БДС 14776 ТС
2.	Hot ambient based on WBGT index	On new and/or operational sites and facilities	- Heat load index through WBGT index; black sphere temperature; temperature at natural humidity; air temperature.	БДС EN ISO 7243 ПК 02	БДС EN ISO 7243 ТС

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

1	2	3	4	5	6
3.	Noise in the work environment	On new and/or operational sites and facilities	- Daily noise exposure level; - Average weekly noise exposure level; - Peak sound pressure level.	БДС EN ISO 9612 (БДС ISO 1999) ПК 03	Ordinance 6 (SG 70/2005) ТС
4.	Noise in the premises of residential and public buildings	On new and/or operational sites and facilities	- noise level; - Equivalent noise level.	БДС 15471 ПК 03	Ordinance No. 6, App. No. 2. Table 1 (SG 58/2006) Ordinance 9 (SG 46/1994) Ordinance 24 (SG 95/2003) Ordinance 2 (SG 15/2007) Ordinance 26 (SG 103/2008) Ordinance 7, Art. 136 (SG 88/1999) ТС
5.	Ambient noise in various territories and development zones in and outside urbanized areas	On new and/or operational sites and facilities	Equivalent noise level	БДС 15471 ПК 03	Ordinance 6, App. 2, Tab. 2 (SG 58/2006) ТС
6.	Artificial lighting in working and domestic environments	On new and/or operational sites and facilities	Illumination	БДС EN 12193 Methodological guidelines 40-85 ПК 04	БДС EN 12193 БДС EN 12464-1 БДС EN 12464-2 Ordinance 49 (SG 7/1976) 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 9 (SG 72/2004) ТС
7.	Street lighting	On new and/or operational sites and facilities	- Brightness; - Illumination; - Brightness uniformity; - Uniformity of illumination.	БДС EN 13201-3 БДС EN 13201-4 ПК 19	CD CEN/TR 13201-1 БДС EN 13201-2 ТС

1	2	3	4	5	6
8.	Electromagnetic fields in work and environment	On new and/or operational sites and facilities	-Electric field intensity, - (5 Hz ≤ f ≤ 6 GHz); - Magnetic induction (Magnetic flux density) (5 Hz ≤ f ≤ 400KHz); - Magnetic field intensity (5 Hz ≤ f ≤ 400KHz); - Power density - (Energy flow density) (100 KHz ≤ f ≤ 6GHz).	Methodology for the study of EMF in physiotherapy offices, Col. methods, vol. I, NCHMEN, 1999 Methodology for the study of EMF in open switchgear, closed switchgear and substations, Col. methods, vol. I, NCHMEN, 1999 Methodology for study of EMF from a video display, Col. methods, volume I, NCHMEN, 1999 Methodology for measurement and assessment of EMF in the populated vicinity of transmitting antennas to mobile connection systems, Collected methods for hygiene studies, NCHMEN, 2002, volume IV, Residential Environment Section, Non-ionizing radiations, page 3 -5 ПК 16	Ordinance RD-07-5 (SG 95/2016); Recommendation 1999/519/ EU of the Council of 12.07.1999; Assessment and control of personnel exposure to radio frequency fields 3 kHz - 300 GHz) STANAG 2345 (NATO, 26.11.2015) Ordinance 9 (SG 35/1991) Ordinance 9 (SG 46/1994) Ordinance 2 (SG 15/2007) TC
9.	Vibrations transmitted to the whole body	On new and/or operational sites and facilities	Daily value of exposure to vibrations transmitted to the whole body	БДС ISO 2631-1 ПК 17-01	Ordinance 3 (SG 40/2005) TC
10.	Vibrations transmitted to the arm-shoulder system	On new and/or operational sites and facilities	Daily value of exposure to vibrations transmitted to the arm-shoulder system	БДС EN ISO 5349-1 БДС EN ISO 5349-2 ПК 17-02	Ordinance 3 (SG 40/2005) TC
11.	Dust in the air of the working environment	On new and/or operational sites and facilities	Concentration of dust in the air of the working environment: - inhalable fraction; - respirable fraction.	БДС 2200 БДС EN 482 БДС EN 689+AS Methodology for control of dust in the air of the working environment, Compendium of the NCHMEN - vol. I/ 1999; ПК 06	Ordinance 13 (SG 8/2004) Ordinance 10 (SG 94/2003) TC

12.	Chemical agents in the air of the working environment	On new and/or operational sites and facilities	Concentration of chemical agents in the air of the working environment	Methodological guidelines for determining toxic gases and vapors in the air of the working environment by inear-colorimetric methods, book 2, edition MA, RICH, - ligitest Association, 1987 БДС EN 482 БДС EN 689+AC ПК 06	Ordinance 13 (SG 8/2004) Ordinance 10 (SG 94/2003) TC
13.	Physical load	Individual	Pulse rate	Methods for determining the physical load at work, Compendium of methods for hygiene research, NCHMEN volume II/ 2000. ПК 15	Methods for determining the physical load at work, Collection of methods for hygiene research, NCHMEN volume II/ 2000.
14.	Electrical systems and equipment up to 1000 V	On new and/or operational sites and facilities	Impedance of the "phase - protective conductor" loop	ПК 11	Ordinance 16-116 (SG 26/2008) Ordinance 3 (SG 90 and 91/2004) TC
			Circuit breakers: -Trigger current; -Shutdown time; -Touch voltage; -Resistance of protective grounding	ПК 12	Ordinance 16-116 (SG 26/2008) Ordinance 3 (SG 90 and 91/2004) TC
15.	Electrical systems and equipment up to and over 1000 V	On new and/or operational sites and facilities	Insulation resistance	БДС 16654 БДС 1986, item 3.3 a), b), e), f) ПК 07	Ordinance 16-116 (SG 26/2008) Ordinance 3 (SG 90 and 91/2004) TC
16.	Electrical systems and equipment up to and over 1000 V	On new and/or operational sites and facilities	Resistance of protective grounding systems	ПК 08	Ordinance 16-116 (SG 26/2008) Ordinance 3 (SG 90 and 91/2004) TC
			Resistance of lightning protection and grounding systems	ПК 09	Ordinance 16-116 (SG 26/2008) Ordinance 3 (SG 90 and 91/2004) Ordinance 4 (SG. 6/2011) TC
			Active resistance	БДС 15320 ПК 10	Ordinance 16-116 (SG 26/2008) Ordinance 3 (SG 90 and 91/2004) TC

17.	Electrical protective equipment: dielectric boots, overshoes and gloves	Of products in operation	-Electrical strength of the insulation, through increased alternating voltage; -Leakage current	Ordinance 22 (SG 45/2006) ПК 18	Ordinance 22 (SG 45/2006) ТС
	Electrical protection means: insulating bars of all types, insulating and electrical measuring clamps, dielectric mats, paths and nsulating stands, nsulating coatings	Of products in operation	Electrical strength of the insulation, through increased alternating voltage	Ordinance 22 (SG 45/2006) ПК 18	Ordinance 22 (SG 45/2006) ТС
18.	Ventilation installations	On new and/or operational sites and facilities	- Air flow speed; - Airflow rate.	БДС 12.3.018 ПК 13	Ordinance 15 (SG 68/2005) Ordinance 24 (SG 95/2003) Ordinance Ih-1971 (SG 96/2009) ТС
19.	Air conditioning installations	On new and/or operational sites and facilities	- Air temperature; - Relative air humidity.	БДС 16686 Ordinance RD-07-3 (SG 63/2014) ПК 14	Ordinance 15 (SG 68/2005) Ordinance 24 (SG 95/2003) Ordinance RD-07-3 (SG 63/2014) БДС 14776 ТС

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

Ordinance 16-116 on technical operation of electrical equipment (SG No. 26/2008);
Ordinance 3 on the arrangement of electrical systems and power lines (State Gazette 90 and 91/2004);
Ordinance 4 on lightning protection of buildings, outdoor facilities and open spaces (SG 6/2011);
Ordinance 22 on testing electrical protective devices in operation (SG 45/2006);
Ordinance 9 - on the technical operation of electrical power plants and networks (SG 72/2004);
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 24 - on sanitary and hygienic requirements for discotheques (SG 95/2003);
Ordinance 2 - on health requirements for computers and Internet rooms for public use (SG 15/2007);
Ordinance 3 - on health requirements for kindergartens (SG 15/2007);
Ordinance RD-07-3 - on the minimum requirements for the microclimate of workplaces (SG 63/2014);
Ordinance 6 - on the minimum requirements for ensuring the health and safety of workers at risks related to noise exposure (SG 70/2005);
Ordinance 6 - on the noise indicators in the environment, taking into account the degree of discomfort during different parts of the day, the limit values of the noise indicators in the environment, the methods for evaluating the values of the noise indicators and the harmful effects on the health of the population (SG 58/2006);

Ordinance 7 - on the minimum requirements for health and safety working conditions at workplaces and when using work equipment (SG 88/1999);
Ordinance 26 - on the organization and operation of nurseries and children's kitchens, and the health requirements for them (SG 103/2008);
Ordinance 49 - on the artificial lighting of buildings (SG 7/1976);
Methodological guidelines 40-85 - Methodical guidelines for measurement and evaluation of artificial lighting in buildings 40-85, Compendium of methods NCHMEN, volume IV, Standardization Publ., 1985;
Methodological guidelines for determining toxic gases and vapors in the air of the working environment by linear - colorimetric methods, vol. 2, Medical Academy Publ., Scientific Institute of Hygiene and Occupational Diseases, Higitest Association, 1987; Methodology for the control of dust in the air of the working environment, Collection of methods, volume I, NCHMEN, 1999;
Ordinance Ih-1971 - on building and technical rules and norms for ensuring safety in case of fire (SG 96/2009);
Ordinance 3 - on the minimum requirements for ensuring the health and safety of workers at risks related to vibration exposure (SG 40/2005);
Ordinance 13 - on the protection of workers from risks related to exposure to chemical agents at work (SG 8/2004);
Ordinance 10 - on the protection of workers from risks related to exposure to carcinogens and mutagens at work (SG 94/2003);
Ordinance 15 - on technical rules and regulations for the design, construction and operation of the sites and facilities for the production, transmission and distribution of thermal energy (SG 68/2005);
Council Recommendation 1999/519/EC of 12 July 1999 on the limitation of population exposure to electromagnetic fields (from 0 Hz to 300 GHz);
Ordinance 9 - on maximum permissible levels of electromagnetic fields in populated areas and determination of hygienic protection zones around emitting objects (SG 35/1991);
Methods for determining the physical load at work, Collection of methods for hygiene research, National Institute of Health, Volume II, 2000.
Methodology for the study of EMF in physiotherapy offices, Collection of methods, volume I, NCHMEN, 1999;
Methodology for the study of EMF in open switchgear, closed switchgear and substations, Sb. methods, volume I, NCHMEN, 1999;
Methodology for the study of EMF from video displays, Collection of methods, volume I, NCHMEN, 1999;
Ordinance RD-07-5 - on the minimum requirements for ensuring the health and safety of workers at risks related to exposure to electromagnetic fields (SG 95/2016);
Methodology for measurement and assessment of EMF in the populated surroundings of transmitting antennas to mobile connection systems, Collection of methods for hygiene studies, National Institute of Health and Welfare, 2002, volume IV, section: Residential environment, Non-ionizing radiations;
TC - Technical Specification of the client.

I ORDER

To issue a Certificate of Accreditation with reg. No. 134 OKC of 26.06.2025 valid until 16.06.2029 with the attachment of this order, an integral part thereof.
The Certificate of Accreditation with the application should be obtained from the Manager of LOT INS EOOD, Pleven, the head of Control Authority type C at LOT INS EOOD, Pleven or another authorized person in the EA BAS building.
Upon receipt of the issued certificate and application, the accredited person is obliged to return to EA BAS the originals of the Certificate of Accreditation reg. No. 134 OKC/ 16.06.2025, and Appendix - Order of the EA BAS No. A 196/ 16.06.2025.
This order to be communicated to LOT INS EOOD, Pleven within 3 (three) days of its issuance.

Eng. Irena Borislavova
Executive Director of EA BAS