**ORDER**

**№ A 569**

**Sofia, 28.09.2022**

**RE-ACCREDIT**

**VAK-AG-90 Inspection Body of type C**

**At VAK EOOD, Burgas**

**Management address:** 8000 Burgas, Izgrev Residential area, Bld. 64, entr. 1, floor 10, apt. 46

**Office address:** 8000 Burgas, Izgrev Residential area, Bld. 194, floor 1, office 1

**To perform inspection of:**

| **Scope type:** *Flexible \** |
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| **№** | **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 systems and equipment of up to 1000V and above | New and/or used units / facilities  | Resistance of protective earthing systems | РПК 1 | Ordinance № 3 (SG 90, 91/2004)Ordinance № 16-116 (SG 26/2008) TS |
| 2.  | Electrical systems and equipment of up to 1000V | New and/or used units / facilities  | Resistance of protective earthing systems | РПК 2 | Ordinance № 4 (SG 6/2011) TS |
| 3. | Cables and cable lines of up to 1000V and above | New and/or used units / facilities  | Insulation resistance | БДС 1986 item 3.3 a), b), d), e) РПК 3 | Ordinance № 3 (SG 90, 91/2004)Ordinance № 16-116 (SG 26/2008) TS |
| 4.  | Cables and cable lines of up to 1000V | New and/or used units / facilities  | Impedance of the circuit "phase - protective conductor" | РПК 4 | Ordinance № 3 (SG 90, 91/2004)Ordinance № 16-116 (SG 26/2008) TS |
|  |  |  | Zero sequence circuit breakers: - Manual operation;- Actuation current;- Shutdown time;- Contact voltage; - Earthing resistance. | РПК 5 | Ordinance № 3 (SG 90, 91/2004)Ordinance № 16-116 (SG 26/2008) TS |
| 5.  | Electrical Protective Equipment |
| 5.1 | Insulating rods, measuring rods, insulating pliers  | Used products  | Electrical strength of the insulation by control with increased alternating voltage  | Ordinance № 22 (SG 5/2006)РПК 7 | Ordinance № 22 (SG 45/2006) TS |
| 5.2 | Dielectric gloves, dielectric boots and galoshes | Electrical strength of the insulation by control with increased alternating voltage and leakage current |
| 6.  | Noise in the workplace | New and/or used units / facilities  | - Daily noise exposure level; - Average weekly level of noise exposure; - Peak sound pressure level. | БДС EN ISO 9612 (БДС ISO 1999)РПК 8 | Ordinance № 6 (SG 70/2005) |
| 7.  | Noise in territories and development zones in the urbanized territories and outside them | New and/or used units / facilities | Equivalent noise level | БДС 15471РПК 8 | Ordinance № 6, Appendix № 2, Table № 2 (SG 58/2006,  TS |
| 8. | Noise in the premises of residential and public buildings | New and/or used units / facilities | Equivalent noise level, noise level | БДС 15471РПК 8 | Ordinance № 6, Appendix № 2, Table № 2 (SG 58/2006, amended, SG 100/2021), Ordinance № 9 (SG 46/1994) Ordinance № 24 (SG 95/2003) TS |
| 9. | Artificial lighting in work and living environment | New and/or used units / facilities | Illumination  | MI 40-85 (Methodical instructions for measurement and evaluation of artificial lighting in buildings) РПК 9 | Ordinance № 49 (SG 7/1976)Ordinance № 24 (SG 95/2003)Ordinance № 9 (SG 46/1994)Ordinance № 2 (SG 15/2007)Ordinance № 3 (SG 15/2007)Ordinance № 26 (SG 103/2008)БДС EN 12464-1 TS |
| 10. | Microclimate in the work and living environment | New and/or used units / facilities | Air temperature, Relative humidity, Air velocity,  | БДС 16 686 Ordinance № RD-07-3 (SG 3/2014)РПК 10 | Ordinance № 9 (SG 46/1994)Ordinance № 24 (SG 95/2003)Ordinance № 2 (SG 15/2007)Ordinance № 3 (SG 15/2007)Ordinance № 26 (SG 103/2008)Ordinance № RD-07-3 (SG 63/2014)БДС 14776TS |
| 11.  | Ventilation installations | New and/or used units / facilities | Air flow velocity; Air flow rate | БДС 12.3.018РПК 11 | Ordinance № 15 (SG 68/2005)Ordinance № 24 (SG 95/2003) TS |

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

**References:**

Ordinance № 16-116 (SG № 26/2008) on the technical operation of energy equipment;

Ordinance № 3 (SG № 90 and № 91/2004) on the design of electrical installations and power lines;

Ordinance № 4 (SG № 6/18.01.2011) on the lightning protection of buildings, external facilities and open spaces;

Ordinance № 22 (SG № 45/2006) on testing of electrical protective equipment in operation;

Ordinance № 2 (SG № 15/2007) on the health requirements for computer and internet halls for public use;

Ordinance № 3 (SG № 15/2007) on the health requirements for kindergartens;

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 indicators for environmental noise, taking into account the degree of discomfort during the different parts of the day, the limit values ​​of the indicators for environmental noise, in the premises of residential and public buildings, in zones and territories intended for residential construction, recreational zones and territories and mixed-use zones, methods for estimating the values ​​of noise indicators and the harmful effects of noise on the health of the population. (SG № 6/58/2006, amended and supplemented;

Ordinance N 9 (SG № 46/1994) on the health and hygiene requirements for the use of personal computers in the education and extracurricular activities of students;

Ordinance № 24 on the sanitary and hygienic requirements for discos (SG № 95/2003);

Ordinance № 49 on artificial lighting of buildings (SG № 7/1976);

Ordinance № RD-07-3 (SG № 63/2014) on the minimum requirements for the microclimate of workplaces;

MI 40-85 - Methodical instructions for measurement and evaluation of artificial lighting in buildings 40-85, publication Standardization, 1985;

Ordinance № 15 (SG № 68/2005) on technical rules and norms for design, construction and operation of sites and facilities for production, transmission and distribution of heat energy;

Ordinance № 26 on the structure and activity of nurseries and children's kitchens and the health requirements to them (promulgated, SG № 103/2008);

TS - Technical Specification