**ORDER**

**№ A 39**

**Sofia, 23.01.2024**

**Inspection Body of type C**

**at ANTIVA CONSULT LTD**

**Management Address:** 5250 Svishtov, 52 Third of March str.

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**To perform inspection of:**

| **Type of the scope:** *flexible\** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **№** | **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. | Ventilation installations | New and/or in use/ operation sites/ facilities | Air flow rate,  Air flow speed | БДС 12.3.018;  PC7.I-2 | Order № 15 (State Gazette issue 68/2005);  Technical specification |
| 2. | Working and household environment microclimate | New and/or in use/ operation sites/ facilities | Air temperature;  Air flow speed; Relative humidity | Ordinance № РД-07-3  (SG № 63/2014);  БДС 16686;  PC 7.1-3 | Ordinance РД-07-3 (SG № 63/2014);  Ordinance № 24 (SG 95/2003);  Ordinance № 2  (SG № 15/2007);  Ordinance № 3/SG № 15/2007;  БДС 14776;  Technical specification |
| 3. | Noise in working environment | New and/or in use/ operation sites/ facilities | Daily level of exposure to noise; Average level of exposure to noise per week;  Maximum level of sound pressure; Equivalent noise level; Noise level | БДС EN ISO 9612 (БДС ISO 1999);  БДС 15471;  PC 7.1-4 | Ordinance № 6 (SG 70/2005);  Ordinance № 9 (SG № 46/1994);  Ordinance № 7 (SG № 88/1999);  Ordinance № 26 (SG № 103/2008);  Technical specification |
| 4. | Noise in living and public spaces | New and/or in use/ operation sites/ facilities | Equivalent noise level;  Noise level | БДС 15471;  PC 7.1-5 | Ordinance № 6 (SG, № 58/2006) (Annex 2, Table 1);  Ordinance № 9 (SG № 46/1994);  Ordinance № 24 (SG № 95/2003);  Ordinance № 2 (SG, № 15/2007);  Ordinance № 26 (SG 103/2008);  Technical specification |
| 5. | Noise of the environment – territories in urban and rural spaces | New and/or in use/ operation sites/ facilities | Equivalent noise level | БДС 15471;  PC 7.1-6 | Ordinance № 6 (SG 58/2006); (Annex 2, Table 2);  Technical specification |
| 6. | Artificial light at the work and household environment | New and/or in use operation sites/ facilities | Lightning conditions | Methodical guidelines 40-85 - artificial lighting measurement methods, Standardisation issue;  PC 7.1-7 | Ordinance № 49 (SG, № 7/1976);  Ordinance № 24 (SG № 95/2003);  БДС EN 12464-1;  Technical specification |
| 7. | Electrical installations and facilities up to 1000 V | New and/or in use/ operation sites/ facilities | Insulation resistance | БДС 1986 i. 3.3, a), b), d), e);  PC 7.1-8 | Regulation № 3 (SG № 90 and 91/2004);  Ordinance № 16-116, (SG, № 26/2008);  Technical specification |
| 8. | Electrical installations and facilities up to 1000 V | New and/or in use/ operation sites/ facilities | Resistance of protective grounding systems | PC 7.1-9 | Regulation № 3 (SG № 90 and 91/2004);  Ordinance № 16-116 (SG, № 26/2008);  Technical specification |
| 9. | Electrical installations and facilities up to 1000 V | New and/or in use/ operation sites/ facilities | Resistance of lightning protection grounding systems | PC 7.1-10 | Ordinance № 4  (SG № 6 / 18.01.2011.);  Technical specification |
| 10. | Electrical installations and facilities up to 1000 V | New and/or in use/ operation sites/ facilities | Impedance of the "phase-protective conductor” | PC 7.1-11 | Ordinance № 3 (SG № 90 and 91/2004);  Ordinance № 16-116, (SG, № 26/2008);  Technical specification |
| 11. | Electrical installations and facilities up to 1000 V  Protection against zero sequence currents (ZS) | New and/or in use/ operation sites/ facilities | Аctuating current; Tactile voltage; Resistance of the protective earthing device;  Shutdown time | PC 7.1-12 | Ordinance № 3 (SG № 90 and 91/2004);  Ordinance № 16-116  (SG № 26/2008)  Technical specification |

**\*** *The introduction of**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.*

Order № 3 - related to the arrangement of electrical devices and power lines, SG, i. 90 and i. 91/2004;

Order № 16-116 – related to technical operation of energy equipment, SG, i. 26/2008;

Order № 4 – related to lightning protection of buildings, outdoor facilities and open spaces, SG i. 45/2006;

Order № РД-07-3 – related to the minimum requirements for the microclimate at the work place, SG, I. 63/10.08.2014;

Order № 2 – related to the health requirements for computer and internet rooms for public use, SG, i. 15/2007;

Order № 3 – related to the health requirements for kindergartens, SG, i. 15/2007;

Order № 6 - related to minimum requirements for health insurance and the safety of the employees at risks of noise exposure, SG i. 70/2005;

Order № 6 from 2006 (SG, i. 58/2006) related to the environmental noise indicators, indicating the level of discomfort during different times of the day, the limit values of noise indicators in the environment, in living and public buildings, in areas and territories intended for housing construction, recreational places and territories and mixed use areas, methods for evaluating the values of noise indicators and the harmful effects of noise on the health of the population (amended title – SG, i. 100 from 2021);

Order № 7 – related to the minimal requirements for healthy and safe work conditions at the work place and when using work equipment, SG i. 88/1999;

Order № 9 – related to the health and hygiene requirements for the use of personal computers in the education and extracurricular activities of students, SG. 46/1994;

Order № 15 – related to the technical rules and regulations for the design, construction and operation of the objects and facilities for the production, transmission and distribution of thermal energy, SG i. 68/2005;

Order № 24 – related to the sanitary and hygienic requirements for clubs, SG i. 95/2003;

Order № 26 – related to the organisation and operation of nurseries and children's kitchens and the health requirements for them, SG i. 103/2008;

Order № 49 – related to artificial lighting in buildings (SG, i. 7/1976);

Methodological guidelines for measurement and evaluation of artificial lighting in buildings 40-85, publishing house “Standartisation” – 1985.