**ORDER**

**No. A 205**

**Sofia, 29.05.2024**

Pursuant of Art. 10, para. 1, item 4, Art. 28, para. 1 of the Law on National Accreditation of Conformity Assessment bodies and the relevant clause 4.3.7 of the BAS QR 2 Accreditation Procedure, in connection with an open procedure Reg. № 3/131 OKС/ПА/20.09.2023, report № 3/131 OKС/ПА/3/В/19.01.2024; Section G-2 № 3/131 ОКС/ПА/5/В/14.02.2024 and opinion of the Accreditation Commission № 3/131 OKС/ПА/6/B/22.05.2024, I hereby

**To perform inspection of:**

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| --- | --- | --- | --- | --- | --- |
| **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 systems and equipment of up to 1000 V and above** | | | | |
| 1.1 | Electrical systems and equipment of up to 1000 V and above | Control of new and existing devices / equipment | Protective earthing systems resistance | РПР 7-1-01, | Ordinance No. 3 SG (Issue 90 and 91/ 2004)  Ordinance No. 16-116 (SG Issue 26/2008)  БДС 414  БДС 3820  TS |
| 1.2 | Electrical systems and equipment of up to 1000 V and above | Control of new and existing devices / equipment | Lightning protection and earthing systems resistance | РПР 7-1-01, | Ordinance No. 16-116 (SG Issue 26/2008)  Ordinance No. 4  (SG Issue 6/2011)  TS |
| 2. | **Electrical systems and equipment of up to 1000 V** | | | | |
| 2.1 | Electrical systems and equipment of up to 1000 V | Control of new and existing devices / equipment | Insulation resistance | БДС 1986, point 3.3 а), б), д), and е)  РПР 7-1-02 | Ordinance No. 3  (SG Issue 90 and 91/ 2004)  Ordinance No. 16-116 (SG Issue 26/2008)  TS |
| 2.2 | Electrical systems and equipment of up to 1000 V | Control of new and existing devices / equipment | Phase earth loop impedance | РПР 7-1-03 | Ordinance No. 3 SG (Issue 90 and 91/ 2004)  Ordinance No. 16-116 (SG Issue 26/2008)  TS |
| 2.3 | Electrical systems and equipment of up to 1000 V | Control of new and existing devices / equipment | -Protective circuit breakers:  -Actuation current;  -Contact voltage | РПР 7-1-04 | Ordinance No. 3 (SG Issue 90 and Issue 91/2004)  Ordinance No. 16-116 (SG Issue 26/2008)  TS |
| 3. | **Physical factors of the working and living environment, and the immediate surroundings** | | | | |
| 3.1 | Artificial lighting in the working and living environment | Control of new and existing devices / equipment | Illumination | Methodological instructions for measuring and assessing artificial lighting in buildings, 40-85, Standardization 1985,  РПР 7-1-05 | Ordinance No. 49  (SG Issue 7/1976)  Ordinance No. 24  (SG Issue 95/2003)  БДС EN 12464-1;  TS |
| 3.2 | Microclimates of the working and living environment | Control of new and existing devices / equipment | -Air temperature; -Air humidity;  -Airflow speed | БДС 16686; Ordinance No. РД-07-3 (SG Issue 63/2014)  РПР 7-1-06 | Ordinance No. РД-07-3, SG Issue 63/2014  Ordinance No. 7 (SG Issue 88/1999) Ordinance No. 2 (SG Issue 15/2007)  Ordinance No. 24 (SG Issue 95/2003) Ordinance No. 26 (SG Issue 103/2008) Ordinance No. 3 (SG Issue 15/2007)  БДС 14776  TS |
| 3.3 | Occupational noise | Control of new and existing devices / equipment | -Daily noise exposure levels;  -Average weekly noise exposure levels; | РПР 7-1-07-2  БДС EN ISO 9612 (БДС ISO 1999) | TS  Ordinance No. 6,  (SG Issue 70/2005) |
| -Noise levels;  -Equivalent noise levels; | БДС 15471 | Ordinance No. 7, Section 138  (SG Issue 88/1999)  Ordinance No. 9  (SG Issue 46/1994)  Ordinance No. 26  (SG Issue 103/2008) |
| 3.4 | Environmental noise | Control of new and existing devices / equipment  Control of new and existing devices / equipment | Equivalent noise levels | БДС 15471  РПР 7-1-07-3 | Ordinance  No. 6, Annex 2  Table 2  (SG Issue 58/ 2006)  TS |
| 3.5 | Noise levels in residential and public buildings | Control of new and existing devices / equipment | Equivalent noise levels | БДС 15471  РПР 7-1-07-1 | Ordinance No. 6,  Annex 2,  Table 1  (SG Issue 58/ 2006)  Ordinance No. 9  (SG Issue 46/1994) Ordinance No. 2  (SG Issue 15/2007)  Ordinance No. 6  (SG Issue 16/1977) Ordinance No. 24  (SG Issue 95/2003) Ordinance No. 26  (SG Issue 103/2008)  TS |
| 4. | Ventilation systems | | | | |
| 4.1 | Ventilation systems | Control of new and existing devices / equipment | -Airflow speed;  -Air debit | БДС 12.3.018  РПР 7-1-08 | Ordinance No.15  (SG Issue 68/2005)  TS |

\* *The introduction of a new version of standards/documents or standards/documents that replace them is permitted. Up-to-date list of standards/documents with their dated versions shall be provided by the CAB.*

Ordinance No. 16-116 on the technical exploitation of power equipment (SG Issue 26/2008);

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

Ordinance No. 4 on the lightning protection of buildings, outdoor equipment and open spaces (SG Issue 6/2011);

Ordinance No. 49 on the artificial lighting in buildings (SG Issue 7/1976);

Ordinance No. 24 on the sanitary and hygiene-related requirements in night clubs (SG Issue 95/2003);

Ordinance No. РД-07-03 on the minimum requirements for the microclimate of the workplace (SG Issue 63/2014);

Ordinance No. 7 on the minimum requirements for occupational health and safety and the safe use of work equipment (SG Issue 88/1999);

Ordinance No. 2 on the health requirements for computer and Internet cafes (SG Issue 15/2007);

Ordinance No. 3 on the health requirements for nursery schools (SG Issue 15/2007);

Ordinance No. 6 on the environmental noise parameters reflecting the level of discomfort during the different times of the day and night, the ranges of environmental noise parameters, the methods of assessment of the values of noise parameters and the harmful effects of noise on public health (SG Issue 58 /2006);

Ordinance No. 6 on the minimum requirements for securing the health and safety of the people working in high-risk noise exposure environments (SG Issue 70/2005);

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

Methodological instructions for measuring artificial lighting in buildings, 40-85, Collection of methods НЦХМЕХ, Volume IV, published by Standardization, 1985;

Ordinance No. 26 on the organization and operation of nursery schools and food services (SG Issue 103/2008);

Ordinance No. 15 on the technical rules and norms for the design, development, and operation of sites and facilities for production, transfer, and distribution of heat energy (SG Issue 68/2005);

TS – Technical Specification of the customer.