**ORDER**

**№ A 310**

**Sofia,** **13.08.2024**

**"VEVICTIS" LTD, town of Varna**

**INSPECTION BODY of TYPE A**

**Management address:** 9020 Varna City, Vazrazhdane, bl. 10, ent. 3, ap. 66

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1 Ivan Troyanski Str., office 3

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

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Type of scope**: flexible\* | | | | | | |
| **№** | **Field of inspection** | **Type of inspection** | **Inspected parameter/ characteristics:** | **Methods of testing/ measuring used for inspection** | **Regulations, standards, specifications, inspection schemes** |
| **1** | **2** | **3** | **4** | **5** | **6** |
| 1. | Electrical systems and equipment for voltage up to and above 1000V | Initial and/ or periodical inspection of sites/ equipment that are new and/ or in use/ operation | Isolation resistance | PK1 | Ordinance № 3 (SG № 90 and № 91/2004)  Ordinance № 16-116 (SG № 26/ 2008) MSEME/ 1995  TS |
| Resistance of grounding protection systems | PK2 | Ordinance № 3 (SG № 90 and № 91/2004)  Ordinance № 16-116 (SG № 26/ 2008)  TS |
| Resistance of lightning protection grounding systems | PK2 | Ordinance № 4 (SG № 6/ 2011)  TS |
| Isolation of power cable lines for voltage up to 20 kV through inspection with increased constant voltage | БДС 2406  БДС 2581  MSEME  PK9 | Ordinance № 16-116 (SG № 26/ 2008)  MSEME/ 1995  TS |
|  |  | Isolation of electrical machinery and equipment up to 20 kV through inspection with increased voltage with industrial frequency | БДС 9089  MSEME  PK8 | Ordinance № 3 (SG № 90 and № 91/2004)  Ordinance № 16-116 (SG № 26/ 2008)  MSEME/ 1995  TS |
| 2. | Electrical systems and equipment for voltage up to 1000V | Initial and/ or periodical inspection of sites/ equipment that are new and/ or in use/ ope  ration | Impedance of the contour “phase-protective wire” | PK 3 | Ordinance № 3 (SG № 90 and № 91/2004)  Ordinance № 16-116 (SG № 26/ 2008)  TS |
| Protection circuit-breakers; touch voltage and actuating current | PK 4 | Ordinance № 3 (SG № 90 and № 91/2004)  Ordinance № 16-116 (SG № 26/ 2008)  TS |
| 3. | Electrical protection systems: | | | | | |
| 3.1. | Dielectric gloves, dielectric shoes, boots, and overshoes | Periodical control of products in use/ operation | -Electrical strength of isolation by inspection with increased variable voltage;  -Leak current | Ordinance № 22 (SG 45/2006)  PK 5 | Ordinance № 22 (SG № 45/2006) |
| 3.2 | Insulating rods, measuring rods, isolation rods for portable grounding, isolating pliers, isolating stands, current metering pliers, tools with insulating handles, rubber dielectric rags, and mats | -Electrical strength of isolation by inspection with increased variable voltage; | Ordinance № 22 (SG 45/2006)  PK 5 | Ordinance № 22 (SG № 45/2006) |
| 3.3 | Voltage indicators | -Electrical strength of isolation by inspection with increased variable voltage;  Voltage indication threshold | Ordinance № 22 (SG 45/2006)  PK 5 | Ordinance № 22 (SG № 45/2006) |
| 4 | Artificial lighting in the work environment | Initial and/ or periodical inspection of sites/ equipment that are new and/ or in use/ operation | Illumination intensity | Methodical guidance for measuring and assessment of artificial lighting in buildings 40-85, Publ. Standardization | 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 № 49 (SG № 7/1976)  БДС EN 12464-1  TS |
| 5 | Microclimate in the work environment, residential and public buildings | Initial and/ or periodical inspection of sites/ equipment that are new and/ or in use/ operation | -Ambient temperature  - Relative humidity  -Air velocity | БДС 16686  Ordinance № РД-07-3 (SG № 63/2014) | БДС 14776  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)  Ordinance № РД-07-3 (SG № 63/2014)  TS |

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

***Legend:***

Ordinance № 16-116 (SG № 26/2008) on the technical operation SG 42/2015;

Ordinance № 3 on the structure of the electrical systems and powerlines (SG № 90 and № 91/ 2004), amended SG № 42/2015;

Ordinance № 4 on lighting protection of buildings, external equipment, and open spaces (SG № 6/2011);

Ordinance № 22 on testing electrical protection systems in operation (SG № 45/2006);

MSEME – 1995 – Measuring standards for electrical machinery and equipment;

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

Ordinance № 9 on health and hygienic requirements when using personal computers in the educational and extracurricular activities of students (SG № 46/1994);

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

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

Ordinance № 2 on the health and hygienic requirements for computer and Internet spaces for public use (SG № 15/ 2007);

Ordinance № 26 on the structure and activity of nurseries and kindergartens and the health requirements to them (SG № 103/ 2008);

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

Methodical guidance on measuring and assessment of artificial lighting in buildings 40-85, Collection of methods NCHMEH, volume IV, publ. Standardization, 1985;

TS – Technical specification.