**ORDER**

**No A 258**

**Sofia, 28.06.2023**

**Inspection body of Type C**

**ELECTROTEST OOD, Sofia**

**Management address**:

1164 Sofia, Lozenets, 5 Dobri Voynikov Str, floor 4, ap. 10

**Office address:**

1784 Sofia, Mladost 1, block 50 A, entrance 2, ap. 35

**To perform inspection of:**

|  |  |  |  |  |  |  |  |  |  |  |  |
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| **Type of scope:** *flexible\** | | | | | | | | | | | |
| **No** | | **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 installations and equipment up to and above 1000 V | | New and/or commissioned sites / facilities | | Insulation resistance | | Standards for testing electrical machinery and equipment of 1995  БДС 16654  БДС 1986, p. 3.3 a, b, d, e  ПК 7.2-1 | | Ordinance No 16-116, (SG No 26/2008);  Ordinance No 3, (SG No 90 and 91/2004);  Standards for testing electrical machinery and equipment of 1995  TS | |
| 2 | | Electrical installations and equipment up to and above 1000 V | | New and/or commissioned sites / facilities | | Resistance of protective earthing system | | ПК 7.2-2 | | Ordinance No 16-116  (SG No 26/2008);  Ordinance No 3  (SG No 90 and 91/2004);  TS | |
| 3 | | Electrical installations and equipment up to and above 1000 V | | New and/or commissioned sites / facilities | | Resistance of lightning protection earthing system | | ПК 7.2-3 | | Ordinance No 3  (SG No 90 and 91/2004);  Ordinance No 16-116  (SG No 26/2008);  Ordinance No 4  (SG No 6/2011);  TS | |
| 4 | | Electrical installations and equipment up to and above 1000 V | | New and/or commissioned sites / facilities | | Active resistance | | ПК 7.2-4  БДС 15320 | | Ordinance No 16-116  (SG No 26/2008);  Ordinance No 3  (SG No 90 and 91/2004);  TS | |
| 5 | Electrical installations and equipment up to 10 kV; | | New and/or commissioned sites / facilities | | - Control with increased AC voltage 50Hz;  - Control with increased DC voltage. | | ПК 7.2-5  Standards for testing electrical machinery and equipment of 1995  БДС 16249 | | Ordinance No 16-116  (SG No 26/2008);  Standards for testing electrical machinery and equipment of 1995  TS | |
| 6 | Electrical installations and equipment up to and above 1000 V | | New and/or commissioned sites / facilities | | Transient resistance in contact systems | | ПК 7.2-6  Standards for testing electrical machinery and equipment of 1995 | | Ordinance No 3  (SG No 90 and 91/2004);  Ordinance No 16-116  (SG No 26/2008);  Standards for testing electrical machinery and equipment of 1995  TS | |
| 7 | Electrical installations and equipment up to 1000 V; | | New and/or commissioned sites / facilities | | Impedance of the circuit "phase - protective conductor" | | ПК 7.2-7 | | Ordinance No 16-116  (SG No 26/2008);  Ordinance No 3  (SG No 90 and 91/2004);  TS | |
| 8 | Electrical installations and equipment up to 1000 V; | | New and/or commissioned sites / facilities | | Safety circuit breakers:  - contact voltage;  - resistance of the earthing element;  - actuation current;  - shutdown time | | ПК 7.2-8 | | Ordinance No 16-116  (SG No 26/2008);  Ordinance No 3  (SG No 90 and 91/2004);  TS | |
| 9 | Physical factors of the working environment - Artificial lighting | | New and/or commissioned sites / facilities | | Illumination | | Methodical instructions for measurement and evaluation of artificial lighting in buildings 40 – 85, ed.  Standardization from 1985  ПК 7.2-9 | | Ordinance No 24  (SG No 95/2003);  Ordinance No 9  (SG No 46/1994);  Ordinance No 2  (SG No 15/2007);  Ordinance No 3  (SG No 15/2007);  Ordinance No 49  (SG No 7/1976);  БДС EN 12464-1  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.*

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

Ordinance No 3 on arrangement of electrical appliances and power lines, (SG, No 90 and No 91/2004);

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

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

Ordinance No 2 for computer and Internet halls for public use (SG No 15/2007)

Ordinance No 24 on sanitary and hygiene requirements for disc dance clubs (SG, No 95/2003);

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

Standards for testing electrical machinery and equipment of 1995

Methodical instructions for measurement and evaluation of artificial lighting in buildings 40-85, Collection of methods NCHMEH, volume, publishing house "Standardization, 1985;

TS - Technical specification.