**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, eПК 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 1995TS |
| 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 7.2-5Standards for testing electrical machinery and equipment of 1995БДС 16249 | Ordinance No 16-116(SG No 26/2008);Standards for testing electrical machinery and equipment of 1995TS |
| 6 | Electrical installations and equipment up to and above 1000 V | New and/or commissioned sites / facilities | Transient resistance in contact systems | ПК 7.2-6Standards 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 1995TS |
| 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 1985ПК 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 12464-1TS |

*\*****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.