**ORDER**

**No. A 665**

**Sofia, 25.10.2021**

**INSPECTION BODY OF TYRE C**

**SD „ELECTROSTATIC – TUMBALEV CО", PLOVDIV**

**Management and office address:** 4210, Stamboliyski, 38 Nayden Gerov str.

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| **Type of range:** *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 up  to 1000 V | new or/and  in operation  sites/  facilities | earth fault loop  impedance | РПК No 7.1.1 | Regulation No 3 State  Gazette (SG) No 90  and 91/2004);  Regulation No 16-116  (SG No 26/2008);  ТS |
| new or/and  in operation  sites/  facilities | residual-current  circuit breaker:  -trip current;  -earthing  protection  resistance;  -contact/touch  voltage | РПК No 7.1.2 | Regulation No 3 (SG  No 90 and 91/2004);  Ordinance No 16-116  (SG No 26/2008);  ТS |
| new or/and  in operation  sites/  facilities | insulation  resistance | БДС 1986,  item. 3.3 a),  b), d), e);  РПК No 7.1.3 | Regulation No 3 (SG  No 90 and 91/2004);  Ordinance No 16-116  (SG No 26/2008);  ТS |
| 2. | Electrical  systems and  equipment up  to and above  1000 V | new or/and  in operation  sites/  facilities | - earthing  protection  systems  resistance;  -neutral to  earth resistance | РПК №7.1.4 | Regulation No 3 (SG  No 90 and 91/2004);  Ordinance No 16-116  (SG No 26/2008);  ТS |
| Lightning  protection  systems  resistance | РПК №7.1.4 | Regulation No 4  (SG No 6/2011);  Regulation No 16-116  (SG No 26/2008);  ТS |
| 3 | ELECTRICAL SAFETY EQUIPMENT | | | | |
| 3.1 | Operating  rods;  Insulated  matting. | products in  operation | electrical  insulation  strength by  high voltage  testing | Regulation No  22 (SG No  45/200б);  РПК №7.1.5 | Regulation No 22  (SG No 45/200б);  ТS |
| 3.2 | Voltage  indicators | products in  operation | electrical  insulation  strength by  high voltage  testing,  threshold  voltage | Regulation No  22 (SG No  45/200б);  РПК №7.1.5 | Regulation No 22  (SG No 45/200б);  ТS |
| 3.3 | Dielectric  gloves, shoes  and boots | products in  operation | electrical  insulation  strength by  high voltage  testing, leakage  current | Regulation No  22 (SG No  45/200б);  РПК №7.1.5 | Regulation No 22  (SG No 45/200б);  ТS |
| 4. | Microclimate in  work and  residential  environment | new or/and  in operation  sites/  facilities | -air  temperature;  -relative air  humidity;  -airflow speed | БДС 16686;  Regulation No  RD-07-3 (SG № бЗ/2014);  РПК № 7.1.7 | Regulation No 9  (SG No 46/94);  Regulation No 24  (SG No 95/2003);  Regulation No 2  (SG No 15/2007);  Regulation No 3  SG No15/2007);  Regulation No RD-  07-3 (SG No  бЗ/2014);  БДС 14776;  ТS |
| 5. | Artificial  lighting in work  places and  residential  environment | new or/and  in operation  sites/  facilities | lighting | Methodical  instructions for  measurement  and evaluation  of artificial  lighting in  buildings 40-  85, is.  "Standartizatio  n"/85;  РПК №7.1.6 | Regulation No 49  (SG No 7/1976);  Regulation No 9  (SG No 46/1994);  Regulation No 24  (SG No 95/2003);  Regulation No 2  (SG No 15/2007);  Regulation No 3  (SG No 15/2007);  BDS EN 12464-1;  ТS |
| 6. | NOISE | | | | |
| 6.1 | Noise in work  places | new or/and  in operation  sites/  facilities |  | РПК 7.1.8.1 | ТS |
| -daily noise  exposure level;  -average  weekly noise  exposure level;  -peak sound  pressure level | БДС EN ISO 9612  (БДС ISO 1999) | Regulation No 6  (SG No 70/2005) |
| equivalent  continuous  sound pressure  level | БДС 15471 | Regulation No 7, art.  138 (SG No  88/1999);  Regulation No 9  (SG No 46/1994) |
| 6.2 | Noise in  territories and  development  zones in urban  areas and  outside them | new or/and  in operation  sites/  facilities | equivalent  continuous  sound pressure  level | БДС 15471  РПК 7.1.8.2 | Regulation No 6,  Appendix No 2,  Table No 2  (SG No 58/2006);  TS |
| 6.3 | Noise in  residential and  public buildings | new or/and  in operation  sites/  facilities | - sound pressure  level;  -equivalent  continuous  sound pressure  level | БДС 15471  РПК 7.1.8.2 | Regulation No 6,  Appendix No 2,  Table No 1  (SG No 58/2006);  Regulation No 24  (SG No 95/2003);  Regulation No 2  (SG No 15/2007);  Regulation No 9  (SG No 46/1994);  Regulation No 6  (SG No 1б/1977);  ТS |
| 7. | Ventilation  systems | new or/and  in operation  sites/  facilities | -air flow speed;  -air flow rate | БДС 12.3.018  РПК 7.1.9 | Regulation No 24  (SG No 95/2003);  Regulation No 15  (SG No б8/2005);  ТS |
| 8. | Electrochemical  (cathodic)  corrosion  protection | new or/and  in operation  sites/  facilities | - stationary  potential;  - galvanic  anode potential;  - polarization  potential;  -earthing anode  resistance | БДС 15705  РПК 7.1.10 | БДС 15704  БДС 15705  ТS |

***\*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.*

**References:**

Ordinance № 3 on the installation of electrical equipment and power lines - (Updated, SG nr. 90 of 13.10.2004 and nr. 91 of 14.10.2004)

Ordinance № 16-116 on technical operation of energy equipment - (promulgated SG nr. 26 2008 of 07.03.2008);

Ordinance № 4 on the lighting protection of buildings, outdoor facilities and open spaces - (SG nr. 6/2011);

Regulation № 22 on the testing of electrical safety equipment in exploitation (SG № 45/2006);

Regulation № 6 on ensuring a normal acoustic environment in residential and public buildings and places (SG № 16/2077);

Ordinance № 2, SG nr. 15/2007 on the health requirements for computer and Internet rooms for public use;

Ordinance № 3, SG, nr. 15/2007 on the health requirements for kindergartens;

Ordinance № 9, SG nr.. 46/1994 on the health and hygiene requirements for the use of personal computers in the education and extracurricular activities of students;

Ordinance № 24, SG nr.. 95/2003 on sanitary and hygienic requirements for discotheques;

Ordinance № RD-07-3, SG nr. 63/2014 on the minimum requirements for the microclimate of workplaces;

Ordinance № 49, SG nr. 7/1976 on the made lighting of buildings;

Methodological guidelines for the measurement and evaluation of artificial lighting in buildings 40-85; Proceedings of the National Centre for Hygiene, Medical Ecology and Nutrition Methods, Volume IV, Edition Standardization, 1985;

Ordinance № 6, SG nr. 70/2005 on the minimum requirements for ensuring the health and safety of workers at risks related to noise exposure;

Ordinance № 6 SG, nr, 58/2006 on the indicators of noise in the environment taking into degree of discomfort during the different parts of the day, the limit values of the indicators of noise in the environment in the premises of residential and public buildings in zones and territories intended for residential construction, reaction zones and territories and zones mixed use the methods for assessing the value of noise indicators and the harmful effects of noise on the heath of the population;

Ordinance № 7, SG, nr. 88/1999 on the minimum requirements for healthy and safe working conditions at workplaces and when using work equipment;

Regulation № 15 on technical rules and regulations for the design, construction and operation of objects and facilities for the production, transmission, and distribution of thermal energy (SG 68/2005);

TS - Technical Specification.