**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. | Electricalsystems andequipment upto 1000 V | new or/andin operationsites/facilities | earth fault loopimpedance | РПК No 7.1.1 | Regulation No 3 StateGazette (SG) No 90and 91/2004);Regulation No 16-116(SG No 26/2008);ТS |
| new or/andin operationsites/facilities | residual-currentcircuit breaker:-trip current;-earthingprotectionresistance;-contact/touchvoltage | РПК No 7.1.2 | Regulation No 3 (SGNo 90 and 91/2004);Ordinance No 16-116(SG No 26/2008);ТS |
| new or/andin operationsites/facilities | insulationresistance |  БДС 1986,item. 3.3 a),b), d), e);РПК No 7.1.3 | Regulation No 3 (SGNo 90 and 91/2004);Ordinance No 16-116(SG No 26/2008);ТS |
| 2. | Electricalsystems andequipment upto and above1000 V  | new or/andin operationsites/facilities | - earthingprotectionsystemsresistance;-neutral toearth resistance | РПК №7.1.4  | Regulation No 3 (SGNo 90 and 91/2004);Ordinance No 16-116(SG No 26/2008);ТS |
| Lightningprotectionsystemsresistance | 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 | Operatingrods;Insulatedmatting.  | products inoperation | electricalinsulationstrength byhigh voltagetesting | Regulation No22 (SG No45/200б);РПК №7.1.5 | Regulation No 22(SG No 45/200б);ТS |
| 3.2 | Voltageindicators  | products inoperation  | electricalinsulationstrength byhigh voltagetesting,thresholdvoltage | Regulation No22 (SG No45/200б);РПК №7.1.5 | Regulation No 22(SG No 45/200б);ТS |
| 3.3 | Dielectricgloves, shoesand boots | products inoperation | electricalinsulationstrength byhigh voltagetesting, leakagecurrent | Regulation No22 (SG No45/200б);РПК №7.1.5 | Regulation No 22(SG No 45/200б);ТS |
| 4. |  Microclimate inwork andresidentialenvironment | new or/andin operationsites/facilities | -airtemperature;-relative airhumidity;-airflow speed | БДС 16686;Regulation NoRD-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 3SG No15/2007);Regulation No RD-07-3 (SG NoбЗ/2014);БДС 14776;ТS |
| 5. | Artificiallighting in workplaces andresidentialenvironment  | new or/andin operationsites/facilities | lighting | Methodicalinstructions formeasurementand evaluationof artificiallighting inbuildings 40-85, is."Standartization"/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 workplaces  | new or/andin operationsites/facilities |  | РПК 7.1.8.1 |  ТS |
| -daily noiseexposure level;-averageweekly noiseexposure level;-peak soundpressure level | БДС EN ISO 9612 (БДС ISO 1999) | Regulation No 6(SG No 70/2005)  |
| equivalentcontinuoussound pressurelevel  | БДС 15471 | Regulation No 7, art.138 (SG No88/1999);Regulation No 9(SG No 46/1994) |
| 6.2 | Noise interritories anddevelopmentzones in urbanareas andoutside them | new or/andin operationsites/facilities | equivalentcontinuoussound pressurelevel | БДС 15471РПК 7.1.8.2 | Regulation No 6,Appendix No 2,Table No 2(SG No 58/2006);TS |
| 6.3 | Noise inresidential andpublic buildings  | new or/andin operationsites/facilities | - sound pressurelevel;-equivalentcontinuoussound pressurelevel | БДС 15471РПК 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. | Ventilationsystems | new or/andin operationsites/facilities | -air flow speed;-air flow rate  | БДС 12.3.018РПК 7.1.9 | Regulation No 24(SG No 95/2003);Regulation No 15(SG No б8/2005);ТS |
| 8. | Electrochemical(cathodic)corrosionprotection | new or/andin operationsites/facilities | - stationarypotential;- galvanicanode potential;- polarizationpotential;-earthing anoderesistance | БДС 15705РПК 7.1.10 | БДС 15704БДС 15705ТS |

***\*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.