**ORDER**

**№ A 284**

**Sofia, 17.07.2023**

**Inspection body of type A at**

**„DIORA CONTROL“ Ltd., town of Pazardzhik**

**Address of management and office:**

4400 Pazardzhik, 7 “Kom” Str.

**To perform inspection of:**

|  |
| --- |
|  |
|

|  |  |
| --- | --- |
| **Scope type:** *Flexible\** |  |
| **№**  | **Scope of inspection** | **Type of inspection** | **Inspection Parameter/****characteristic**  | **Testing/measure-ing methods applied during inspection** | **Regulations, standards, specifications,****diagrams** |
| **1** | **2** | **3** | **4** | **5** | **6** |
| 1. | Electrical systems and equipment up to 1000 V | New and/or in exploitation facilities/equipment | Impedance Zs of the loop "phase - protective conductor" | РПК 01 – Procedure for inspection of the impedance of the loop "phase - protective conductor" in electrical systems up to 1000V | Ordinance № 16-116/SG 26/2008; Ordinance № 3- 2004/ State Gazette 90 and 91/2004;ТС |
| 2. | Electrical installation and equipment for voltage up to 1000 V | New and/or in exploitation facilities/equipment | Residual current circuit breakers:action current,contact voltage | РПК 02 – Procedure for inspection of the residual current circuit breakers in electrical systems up to 1000V | Ordinance № 3- 2004/ State Gazette 90 and 91/2004;Ordinance № 16-116/SG 26/2008; ТС |
| 3.  | Electrical systems and equipment up to 1000 V | New and/or in exploitation facilities/equipment | Insulation resistance | БДС 1986 - 3.3 a), b), d) and e);РПК03 | Ordinance № 16-116/ SG 26/2008; Ordinance № 3- 2004, /State Gazette 90 and 91/2004;ТС |
| 4. | Electrical systems and equipment up to 1000 V | New and/or in exploitation facilities/equipment | Resistance of earthing protection systems  | РПК 04– Procedure for inspection of resistance of earthing protection systems in electrical systems up to 1000V | Ordinance № 16-116/ SG 26/2008; Ordinance № 3- 2004, /State Gazette 90 and 91/2004;ТС |
| 5. | Electrical systems and equipment up to 1000 V | New and/or in exploitation facilities/equipment | Impulse Grounding Resistance of Lightning protection systems | РПК 05– Procedure for inspection of resistance of grounding electrode Subsystem of lightning protection systems | Ordinance № 4/ State Gazette 6/2011;ТС |
| 6. | Microclimate  | New and/or in exploitation facilities/equipment | Air temperature;Relative humidity of air; Air velocity | БДС 16686;Ordinance № РД-07-3 /SG 63/2014;РПК06 | БДС 14776;Ordinance № РД-07-3/ SG 63/2014;ТС |
| 7. | Occupational noise | New and/or in exploitation facilities/equipment | Daily noise exposure level, dBA;Average weekly noise exposure level, dBA; C-weighted peak sound pressure level, dBC  | БДС EN ISO 9612РПК 07 | Ordinance № 6/SG 70/2005 ;ТС |
| 8. | Environmental noise | New and/or in exploitation facilities/equipment | Noise level, dBA;Equivalent noise level, dBA | БДС 15471РПК 08 | Ordinance № 6/SG 58 of 18.07.2006 – Annex No2, Table 2;ТС |
| 9.  | Noise in the premises of residential and public buildings | New and/or in exploitation facilities/equipment | Noise level, dBA;Equivalent noise level, dBA | БДС 15471РПК 09 | Ordinance № 6/SG 58 of 18.07.2006 – Annex No2, Table 1;Ordinance № 24/SG 95 of 28.10.2003;ТС |
| 10. | Artificial lighting of work and living environment | New and/or in exploitation facilities/equipment | Illuminance | Methodological guidelines for measuring and assessing artificial lighting in buildings, 40-85;РПК10 | БДС EN 12464-1;Ordinance № 49/SG 7 of 23.01.1976;Ordinance № Iz - 1971/SG 96 of 04.12.2009;ТС |
| 11 | Ventilation systems | New and/or in exploitation facilities/equipment | Air duct velocity;Ventilation rate | БДС 12.3.018РПК11 | Ordinance № 15/SG 68 of 19.08.2005;Ordinance № 24/SG 95 of 28.10.2003;ТС |
| 12 | Indoor and outdoor playgrounds | New and/or in exploitation facilities/equipment  | Playgrounds safety through due diligence of document-based verification, visual inspection and mesuring/testing | Ordinance №1, SG 10/2009 БДС EN 1176-1Document-based – 4.1, 4.2, 4.2.2, 4.2.14, 4.2.15, 6.Visual inspection and measurement 4.2.3, 4.2.4, 4.2.5, 4.2.6, 4.2.7, 4.2.8, 4.2.9, 4.2.10, 4.2.11, 4.2.12, 4.2.13, 4.2.16, 7.БДС EN 1176-2Document-based –4.6, 4.7, 4.8, 5.1, 5.2; 5.3;Visual inspection and measurement – 4.2, 4.3, 4.4, 4.5, 4.9, 4.10, 6, 7БДС EN 1176-3Document-based - 4.3.1, 4.4.1Visual inspection and measurement – 4.2, 4.3, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 6.БДС EN 1176-4Document-based - 4.2, 4.3, 4.4, 4.9, 4.10, 6Visual inspection and measurement – 4.5, 4.6, 4.7, 4.8, 4.11, 4.12, 4.13, 4.14, 7БДС EN 1176-5Document-based - 4.6, 5.1, 5.3.2Visual inspection and measurement – 4.2, 4.3, 4.4, 4.5, 5.1, 5.2, 5.3.1, 5.4, 5.5, 5.6, 5.7, 7БДС EN 1176-6Document-based – 4.3, 5.1, 5.2,Visual inspection and measurement ТС – 4.2, 4.4, 4.5, 4.6, 4.7, 4.8, 4.9, 4.10, 5.3, 5.4, 7БДС EN 1176-7Document-based – 4.2, 5, 6, 7, 8БДС EN 1176-10Document-based – 4.2.1, 4.2.2.7, 4.3.1, 4.4.4.1, 5 /1-5/Visual inspection and measurement ТС – 4.2.2.1, 4.2.2.2, 4.2.2.3, 4.2.2.4, 4.2.2.5, 4.2.2.6, 4.3.2.1, 4.3.2.2, 4.3.3, 4.3.4, 4.3.5, 4.3.6, 4.3.7, 4.3.8, 4.3.9, 4.4.1, 4.4.2, 4.4.3, 4.4.4.2.БДС EN 1176-11Visual inspection and measurement ТС – 4.1, 4.2, 4.3, 4.4, 6. | Ordinance №1, SG 10/2009  |

 |
|  |

*\* Introduction of new versions of standards/documents or superseding standards/documents is allowed. An updated list of standards/documents with their dated versions is maintained by the Conformity Assessment Body.*

Ordinance № 16-116 – On technical exploitation of energy equipment (State Gazette 26/2008);

Ordinance № 3 – On construction of electrical systems and power line (State Gazette 90/2004, 91/2004);

Ordinance № 4 – On lightning protection of buildings, external equipment and open spaces (State Gazette 6/2011);

Ordinance № РД-07-3 – On minimum requiremenТС to microclimate in working spaces (State Gazette 63/2014);

Ordinance № 6 – On minimum requiremenТС to ensuring health and safety of employees working under the risk of exposure to noise (State Gazette 70/2005);

Ordinance № 6 – On the indicators for environmental noise measuring the extent of discomfort in the course of twenty-four hour period, the limit values of the environmental noise indicators, in the premises of residential and public buildings, in areas and territories intended for housing, recreational zones and territories and areas with mixed purposes the method for evaluation of noise indicators and of measuring the harmful effect ТС on the health of population (State Gazette 58/2006);

Ordinance № 24 on the health and hygiene requirement ТС for nightclubs – (State Gazette 95/2003);

Ordinance № 49 – On artificial lighting of buildings (State Gazette 7/1976);

Ordinance № Iz- 1971 – on construction and technical rules and standards for ensuring fire safety (State Gazette 96 of 04.12.2009);

Ordinance № 15 – On the engineering standards and rules for designingq building and operating sites and equipment intended for the production, transmission and distribution of heat energy (State Gazette 68/2005);

Ordinance № 1 – on the conditions and procedures for the structure and safety of playgrounds (State Gazette 10/2009);

МУ 40-85 - Methodical instructions for measurement and evaluation of artificial lighting in buildings 40-85, Collection of methods NCHMEN, volume IV, published by “Standardization”, 1985;

ТС - Technical specification.