**SCOPE 21 ОКС**

**of**

**Formula Inspection Body of type C at Formula-999 LTD Blagoevgrad**

**Management address:** 2700 Blagoevgrad, 4 Stara planina Str.

**Office address:** 2700 Blagoevgrad, 90 Peyo Yavorov Blvd.

**To perform inspection of:**

|  **Type of the Scope:: *Flexible\**** |
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| **№** | **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 1000V | New and/or commissioned facilities  | Insulation resistance  | БДС 1986 cl. 3.3 а), б), д), е)ПИК 1-01 | Ordinance № 3 (SG № 90/2004 and 91/2004)Ordinance № 16-116 / 08.02.2008 (SG № 26/2008)Technical specifications |
| 2 | Electrical installations and equipment up to and above 1000 V | New and/or commissioned facilities  | Insulation resistance of protective grounding installations  | ПИК 1-02 | Ordinance № 3 (SG № 90/2004 and 91/2004)Ordinance № 16-116 / 08.02.2008 (SG № 26/2008)Technical specifications |
| 3 | Electrical installations and equipment up to and above 1000 V | New and/or commissioned facilities  | Resistance of lightning protection grounding systems | ПИК 1-03 | Ordinance № 16-116 / 08.02.2008 (SG № 26/2008)Ordinance № 4 (SG № 6/2011) Technical specifications |
| 4 | Electrical installations and equipment up to 1000 V | New and/or commissioned facilities  | Circuit impedance "Phase-protective conductor" | ПИК 1-04 | Ordinance № 3 (SG № 90/2004 and 91/2004)Ordinance № 16-116 / 08.02.2008 (SG № 26/2008)Technical specifications  |
| 5 | Electrical installations and equipment up to 1000 V - Circuit breakers | New and/or commissioned facilities  | Trigger current; Tangential voltage; | ПИК 1-05 | Ordinance № 3 (SG № 90/2004 and 91/2004)Ordinance № 16-116 / 08.02.2008 (SG № 26/2008)Technical specifications  |
| 6 | Electrical protection devices over 1000 VInsulating rods; insulating pliers, Voltage contact indicators; dielectric matsDielectric gloves, boots, boots and galoshes | Commissioned products | The electrical strength of the insulation by increased control alternating voltage with a frequency of 50 Hz The electrical strength of the insulation by control with increased alternating voltage with a frequency of 50 Hz and leakage current | Ordinance № 22 /2006(SG № 45/2006) ПИК 1-07 | Ordinance № 22/2006 (SG № 45/2006) Technical specifications  |
| 7 | Transformer oil | New and/or commissioned facilities  | Breakdown voltage | ПИК 1—06 БДС EN 60156 | Ordinance № 16-116 / 08.02.2008 (SG № 26/2008) |
| 8 | Artificial lighting in work and household environment  | New and/ or commission sites  | Lighting  | Methodical instruction for measuring artificial lighting in buildings 40-85, Standardization / 1985ПИК 2-01 | Ordinance № 49 (SG № 7 / 1976)Ordinance № 2 (SG № 15/2007)Ordinance № 9 (SG № 46/1994)Ordinance № 24 (SG № 95/2003)БДС EN 12464-1Technical specifications  |
| 9  | Emergency evacuation lighting  | New and/or commissioned facilities  | Lighting  | БДС 1838Ordinance № Iз-1971, art. 55, (SG № 96/2009)ПИК 2-05 | БДС 1838Ordinance № Iз-1971, art. 55,(SG № 96/2009)ПИК 2-05 |
| 10 | Occupational noise  | New and/or commissioned facilities  | Daily level of noise exposition; Weekly average level of noise exposition;Level of peak sound pressure; Noise level;Equivalent noise level;  | БДС EN ISO 9612(БДС ISO 1999)БДС 15471ПИК 2-02 | Ordinance № 6 (SG № 70/2005)Ordinance № 7 (SG № 88 / 1999)Ordinance № 9 (SG № 46/1994)Ordinance № 26 (SG № 103 / 2008)Technical specifications  |
| 11 | Noise in residential and public buildings; | New and/or commissioned facilities  | Noise level;Noise equivalence level; | БДС 15471ПИК 2-02 | Ordinance № 6 (SG № 58/2006 annex 2, table 1)Ordinance № 9, (SG № 46 / 1994)Ordinance № 26, (SG № 103/2008)Ordinance № 24 (SG № 95/2003);Ordinance №2 (SG № 15/2007)Technical specifications  |
| 12 | Environmental noise  | New and/or commissioned facilities  | Noise equivalence level | БДС 15471ПИК 2-02 | Ordinance № 6 (SG № 58/2006 annex 2, table 2) Technical specifications  |
| 13 | Microclimate of work and living environment | New and/or commissioned facilities  | Air temperature Relative air humidityAir movement speed  | БДС 16686Ordinance № РД-07-3 (SG № 63/2014)ПИК 2-03 | Ordinance № 2 (SG № 15/2007)Ordinance № 9, (SG № 46 / 1994)Ordinance № 24 (SG № 95/2003);Ordinance № 26, (SG № 103/2008)Ordinance № РД-07-3 (SG № 63/2014)БДС 14776Technical specifications  |
| 14 | Ventilation installations  | New and/or commissioned facilities  | Air flow speed;Air debit. | БДС 12.3.018ПИК 2-03 | Ordinance № 15 (SG № 68/2005)Technical specifications |
| 15 | Air of working environment-Chemical agents of working environment | New and/or commissioned facilities  | Concentration of chemical agents by express linear colorimetric method /indicator tubes / | БДС EN 689+ACБДС EN 482Methodic instructions for determining toxic gases and vapor in work environment air, Medical University - Scientific Institute of Hygiene and Occupational Diseases, Sofia ПИК 3-01 | Ordinance № 13 (SG № 8/2004)Technical specifications |
| 16 | Air of working environmentDust  | New and/or commissioned facilities  | Dust concentrationInhalable fraction  | БДС 22000БДС EN 689+ACБДС EN 482ПИК 3-02 | Ordinance № 13 (SG № 8/2004)Technical specifications  |

***\*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 design of electrical installations and power lines (SG № 90 and № 91/2004).

Ordinance № 16-116 for the technical operation of the energy equipment (SG № 26 of 2008).

Ordinance № 4 on lightning protection of buildings, external facilities and open spaces (SG № 6/2011).

Ordinance № 22 for testing of electrical protective equipment in operation (SG № 45/2006).

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

Ordinance № 13 on protection of workers from risks related to exposure of chemical agents during the operation (SG № 8/2004).

Ordinance № 24 on the sanitary and hygienic requirements for discos (SG № 95/2003);

Ordinance № 15 on technical rules and norms for design, construction and operation of sites and facilities for production, transmission and distribution of heat energy (SG № 68/2005).

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

Ordinance № 2 on the health requirements for computers and Internet halls for public use (SG № 15/2007);

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

Ordinance № 6 - on the minimum requirements for ensuring the health and safety of workers in case of risks related to noise exposure (SG № 70/2005) .

Ordinance № 26 on the structure and operation of nurseries and children's kitchens (SG № 103/2008).

Ordinance № 6 on the indicators of noise in the environment, taking into account the degree of discomfort during the different parts of the day, limit values ​​of the indicators of noise in the environment, the methods for assessment of the values ​​of the noise indicators and harmful effects of noise on the health of the population (SG № 58/2006).

Ordinance № РД-07-3 on the minimum requirements for the microclimate of the workplaces (SG № 63/2014);

Ordinance № Iз -1971, art. 55 on the construction and technical rules and norms for assuring safety in case of fire (SG № 96/2009);

Methodical instruction for measuring artificial lighting in buildings 40-85, Standardization / 1985;

Methodical instructions for determining toxic gases and fumes in air of work environment, MANIHPZ, 1987, Sofia

TS - Customer’s technical specifications.