**SCOPE 42 ОКС**

**Inspection Body of type C at DIMANA CONSULTING 2015 EOOD, Sofia**

**Management address:** 1111 Sofia, Darvenitsa,6 Kanarche Str., entr. A, floor 2, ap.5

**Office address**: 5800 Pleven, 73 Tsar Boris III Str., floor 3

**To perform inspection of:**

| **Type of the Scope:** *fixed* | | | | | |
| --- | --- | --- | --- | --- | --- |
| **№** | **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. | Microclimate of  work and living environment | New facilities and equipment and/or facilities and equipment in exploitation | Air temperature, Relative humidity of air %, Velocity of the air, m/s | Ordinance № RD-07- 3/18.07.2014 (SG № 63/2014); БДС 16686:1987; Procedure PK 01 | Ordinance № RD-07- 3/18.07.2014  (SG № 63/2014); Ordinance № 2  SG № 15/2007  Ordinance № 3  SG № 15/2007  Ordinance № 9  SG № 46/1994  Ordinance № 24  SG № 95/2003  Ordinance № 26  SG № 103/2008  БДС 14776:11987;  TS |
| 2. | Artificial lighting of work and living environment | New facilities and equipment and/or facilities and equipment in exploitation | Illuminance, lx | Methodological guidelines for  Measuring and  assessment of  artificial lighting in buildings 40-85, published by Standardization, 1985 Procedure PK 02 | Ordinance № 49  SG № 7/1976  Ordinance № 3  SG № 15/2007  Ordinance № 2  SG № 15/2007  Ordinance № 9  SG № 46/1994  Ordinance № 24  SG № 95/2003  Ordinance № 26  SG № 103/2008  БДС EN 12464-1:2011 TS |
| 3. | Noise in work environment | New facilities and equipment and/or facilities and equipment in exploitation | Daily level of exposure to noise, dBA;  Average monthly level of exposure to noise, dBA;  Equivalent noise  level, dBA;  Peak level of sound pressure, dBA;  Equivalent noise  level, dBA;  Noise level, dBA | БДС 15471:1982  БДС ISO 9612:2009  БДС ISO 1999:2004  Procedure PK 03-1 | Ordinance № 6  SG № 70/2005  Ordinance № 7  SG № 88/1999, amended 48/2000, art. 138;  Ordinance № 9  SG № 46/1994;  Ordinance № 26  SG № 103/2008 TS |
| 4. | Noise in surrounding environment | New facilities and equipment and/or facilities and equipment in exploitation | Equivalent noise  level, dBA; | БДС 15471:1982  Procedure PK 03-2 | Ordinance № 6  SG № 58/2006 - Annex 2, Table 2;  TS |
| 5. | Noise in premises of residential and public buildings | New facilities and equipment and/or facilities and Equipment in exploitation | Noise level, dBA; Equivalent noise level, dBA | БДС 15471:1982  Procedure PK 03-3 | Ordinance № 6  SG № 58/2006 - Annex 2, Table 1;  Ordinance № 9  SG № 46/1994  Ordinance № 24  SG № 95/2003  Ordinance № 2  SG № 15/2007  Ordinance № 26  SG № 103/2008;  TS |
| 6. | Electrical systems and equipment up to 1000 V | New facilities and equipment and/or facilities and equipment in exploitation | Loop impedance “Phase – protective wire” | Procedure 04, Version 2/ revision 2 of 04.02.2019 | Ordinance № 16-116, SG № 26/2008;  Ordinance № 3,  SG № 90, 91/2004 TS |
| 7. | Electrical systems and equipment up to and above  1000 V | New facilities and equipment and/or facilities and equipment in exploitation | Circuit breakers:  - actuating current,  - switch-off time, Tangent voltage  -resistance of safety grounding, | Procedure PK 05  Version 2/revision  2/04.02.2019 | Ordinance № 16-116, SG № 26/2008;  Ordinance № 3,  SG № 90, 91/2004 TS |
| 8. | Electrical systems and equipment up to and above  1000 V | New facilities and equipment and/or facilities and equipment in exploitation | Resistance of safety grounding systems | Procedure PK 06  Version 2/revision  2/04.02.2019 | Ordinance № 16-116, SG № 26/2008;  Ordinance № 3,  SG № 90, 91/2004 TS |
| 9. | Electrical systems and equipment up to and above  1000 V | New facilities and equipment and/or facilities and equipment in exploitation | Resistance of  lightning protection grounding systems | Procedure PK 07  Version 2/revision  2/04.02.2019 | Ordinance № 4,  SG № 6/2011; |

**References:**

Ordinance № RD-07-3 - On minimum requirements to the microclimate of work spaces

(SG № 63/2014)

Ordinance № 2 - On health requirements to computers and internet clubs for public use

(SG № 15/2007)

Ordinance № 3 - On health requirements to kindergartens (SG № 15/2007);

Ordinance № 9 - On health and hygiene requirements to using personal computers in extramural training of students (SG № 46/1994);

Ordinance № 24 - On sanitary and hygiene requirement to discotheques (SG № 95/2003);

Ordinance № 26 - On structure and operation of kindergartens and facilities producing meals for infants, and applicable health requirements (SG № 103/2008)

Methodological guidelines for measuring and assessment of artificial lighting in buildings

40-85, published by Standardization, 1985

Ordinance № 49 - On artificial lighting of buildings (SG № 7/1979)

Ordinance № 6 - On minimum requirements to ensuring health and safety of employees working under the risk of exposure to noise (SG № 70/2005)

Ordinance № 6 - Indicator of noise in the environment measuring the discomfort levels during various parts of the twenty-four-hour period, limit values of noise indicators and adverse effects of noise on the health of the population (SG № 58/2006), amended SG № 26/2019

Ordinance № 3 — On construction of electrical systems and power line (SG № 90/2004, 91/2004), amended SG № 42/2015;

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

Ordinance № 16-116 - On technical exploitation of energy equipment (SG № 26/2008), amended and supplemented in SG № 42/2015;

Ordinance № 7 - On minimum requirements to healthy and safe working conditions on work places when using work equipment (SG № 88/1999);

TS – Technical Specification