**ORDER**

**№ A 179**

**Sofia, 19.04.2023**

**INSPECTION BODY OF TYPE С „EXACT"**

**„NATIONAL CENTER FOR PUBLIC HEALTH AND ANALYSES" (NCPHA), SOFIA**

**Management and office address:** 1431 Sofia, 15 „Acad. Ivan Evstatiev Geshov“ Blvd

**To perform inspection of:**

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| --- | --- | --- | --- | --- | --- |
| **Type of the scope:** *Flexible\** | | | | | |
| **№** | **Inspection** | **Type of inspection** | **Inspected parameter / characteristic** | **Methods of testing / measurement used inspection** | **Regulations, standards, specifications, inspection schemes** |
| **1** | **2** | **3** | **4** | **5** | **6** |
| **1.** | Electromagnetic fields | On new and/or operational sites and facilities | 1. Electric field strength, V/m |(20 Hz <= f <= 4.0 GHz)  2. Magnetic flux density, T;G;  (0 Hz <= f <= 400 kHz)  3. Power density, µW/cm2; (100 kHz<= f <=4.0 GHz) | ПРФФ – 1  Method for study of EMF values in physiotherapy units, Collection of Methods for hygiene investigation, volume I, National Centre of Hygiene, Medical Ecology and Nutrition (NCHMEN), Sofia 1999  Method for study of electromagnetic radiation in high voltage substations power stations and transformer stations. Collection of Methods for hygiene investigation, volume I, NCHMEN, 1999;  Method for measurement of static magnetic field, Collection of Methods, volume I, NCHMEN, 1999;  Method for the study of EMFs from video display units, Collection of Methods, volume I, NCHMEH, 1999;  Non-binding guide to good practice for implementing Directive 2013/35/EU, Electromagnetic fields, Volume 1: Practical guide.  Non-binding guide to good practice for implementing Directive 2013/35/EU, Electromagnetic fields, Volume 2: Case studies.  Non-binding guide to good practice for implementing Directive 2013/35/EU, Electromagnetic fields, Guide for SMEs (small and medium enterprises) | Ordinance RD-07-5, SG No. 95/2016  Ordinance No. 2, SG no. 15/2007  Ordinance No. 9, SG No. 46/1994  Council Recommendation 1999 /519/EU  TS |
| **2.** | Lasers | On new and/or operational sites and facilities | Class by degree of risk (of lasers with presented technical characteristics) | ПРФФ – 2  БДС EN 60825-1  БДС EN 60825-1/A11  Method for investigation and evaluation of laser sources for occupational risk classification, Collection of Methods for hygiene investigation, volume I NCHMEN, 1999 | Ordinance No. 5,  SG No. 49/2010  Ordinance No. 24,  SG No. 95/2003  БДС EN 60825-1  БДС EN 60825-1/A11  Customer  TS |
| **3.** | Vibrations in the premises of residential buildings | On new and/or operational sites and facilities | Vibration acceleration, m/s2 | Ordinance No. 9,  SG 17/2010 | Ordinance No. 9,  SG 17/2010  TS |
| **4.** | Noise in residential and public buildings | On new and/or operational sites and facilities | 1. Equivalent noise level, dBA;  2. Noise level, dBA | ПРФФ – 7  БДС 15471 | Ordinance No. 6, SG No. 58/2006 (Appendix 2, Table 1)  Ordinance No. 24, SG No. 95/2003  Ordinance No. 9, SG No. 46/1994  Ordinance No. 2, SG No. 15/2007  Ordinance No. 26, SG No. 103/2008  TS |
| **5.** | Ultrasound in the working environment from production sources | On new and/or operational sites and facilities | Sound pressure level in the ultrasonic range in terz-octave frequency bands, dB | ПРФФ – 8  БДС 12.4.077 | БДС 12.1.001  TS |

**Reference:**

**\*Flexible scope:** *The introduction of a new version of standards/documents or standards/documents that supersede them is allowed. An up-to-date list of standards/documents with their dated versions is provided by the CA*.

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

Ordinance No. 24 - on sanitary and hygienic requirements for discotheques (SG No. 95/2003); Ordinance No. 9 - on the health and hygiene requirements for the use of personal computers in the education and extracurricular activities of students (SG No. 46/1994);

Ordinance No. 26 - on the organization and operation of nurseries and children's kitchens, and the health requirements for them (SG No. 103/2008);

Ordinance No.6 - on environmental noise indicators reporting the degree of discomfort during different parts of the day, the limit values of noise indicators in the environment, in the premises of residential and public buildings, in areas and territories intended for residential construction, recreational areas and territories and areas with mixed use, assessment methods of the values of the noise indicators and the harmful effects of noise on the health of the population (SG No. 58/2006; title amendment - SG No. 100 of 2021)

Ordinance No. 9 on the maximum permissible values of vibrations in residential premises (SG No. 17/2010);

Ordinance No. 5 on the minimum health and safety requirements regarding the exposure of workers to risks arising from exposure to artificial optical radiation (SG No. 49/2010);

Ordinance No. RD-07-5 for the minimal requirements for providing health and safety at work at risks arising from exposure to electromagnetic fields (SG No. 95/2016);

Method for study of EMF values in physiotherapy units, Collection of Methods for hygiene investigation, volume I, National Centre of Hygiene, Medical Ecology and Nutrition (NCHMEN), Sofia 1999

Method for study of electromagnetic radiation in high voltage substations power stations and transformer stations. Collection of Methods for hygiene investigation, volume I, NCHMEN, 1999;

Method for measurement of static magnetic field, Collection of Methods, volume I, NCHMEN, 1999;

Method for the study of EMFs from video display units, Collection of Methods, volume I, NCHMEH, 1999;

Method for investigation and evaluation of laser sources for occupational risk classification, Collection of Methods for hygiene investigation, volume I NCHMEN, 1999

Council Recommendation of 12 July 1999 on the limitation of exposure of the general public to electromagnetic fields (0 Hz to 300 GHz) (1999/519/EC);

Directive 2013/35/EU of the European Parliament and of the Council of 26 June 2013 on minimum health and safety requirements related to exposure to workers at risks due to physical agents (electromagnetic fields) (20th individual Directive within the meaning of Article 16(1) of the Directive 89/391/EEC) and repealing Directive 2004/40/EO:

Non-binding guide to good practice for implementing Directive 2013/35/EU, Electromagnetic fields, Volume 1: Practical guide.

Non-binding guide to good practice for implementing Directive 2013/35/EU, Electromagnetic fields, Volume 2: Case studies.

Non-binding guide to good practice for implementing Directive 2013/35/EU, Electromagnetic fields, Guide for SMEs (small and medium enterprises);

Customer technical specification.