SCOPE 17 ОКА

**of Inspection Body of type A**

**Woodworking Institute Ltd. Pazardzhik**

**Management and Office address**:

4400 Pazardzhik, 2 Lyuben Boyanov Str.

**To perform inspection of:**

| **Type of the scope:** *flexible\** | | | | | |
| --- | --- | --- | --- | --- | --- |
| **№** | **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. | Ventilation installations | Of new and/or in use/  existing  sites/  equipment | Air flow velocity,  air flow rate | БДС 12.3.018  РПК 7.1-1 | Ordinance № 15,  SG № 68/2005 Ordinance № 24,  SG № 95/2003  TS |
| 2. | Playgrounds located both indoors and outdoors | New playgrounds and/or in exploitation | Safety of playgrounds through a complex inspection of documents, visual inspection, and measurement/ testing. | Ordinance № 1 (SG № 10 / 2009) БДС EN 1176-1  According to documents - sect. 4.1, sect. 4.2, sect. 4.2.2, sect. 4.2.14, sect. 4.2.15, sect. 6.  Visual inspection and measurement –  sect. 4.2.3, sect. 4.2.4, sect. 4.2.5, sect. 4.2.6, sect. 4.2.7, sect. 4.2.8, sect. 4.2.9, sect. 4.2.10, sect. 4,2.11, sect. 4.2.12, sect. 4.2.13, sect. 7  БДС EN 1176-2+АС  According to documents - sect. 4.6, sect. 4.7, sect. 4.8, sect. 4.11, sect. 4.12, sect. 4.13.  Visual inspection and measurement - sect. 4.2, sect. 4.3, sect. 4.4, sect. 4.5, sect. 4.9, sect. 4.10, sect. 6 | Ordinance № 1  (SG № 10/2009)  TS |
|  |  |  |  | БДС EN 1176-3  According to documents - sect. 4.3.1, sect. 4.4.1  Visual inspection and measurement - sect. 4.2, sect. 4.3, sect. 4.4, sect. 4.5, sect. 4.6, sect. 4.7, sect. 4.8, sect. 4.9, sect. 6  БДС EN 1176-4+АС  According to documents - sect. 4,2, sect. 4.3, sect. 4.4, sect. 4.9, sect. 4.10, sect. 6  Visual inspection and measurement - sect. 4.5, sect. 4.6, sect. 4.7, sect. 4.8, sect. 4.11, sect. 4.12, sect. 4.13, sect. 4.14, sect. 7  БДС EN 1176-5  According to documents - sect. 4.5, sect. 4.6, sect. 4.8, sect. 5.1, sect. 5.2.4, sect. 5.2.5, sect. 5.3.2  Visual inspection and measurement - sect. 4.2, sect. 4.3, sect. 4.7, sect. 4.4, sect. 5.2, sect. 5.3.1, sect. 5.3.4, 5.4, 5.5, sect. 7  БДС EN 1176-6+АС  According to documents - sect. 4.4, sect. 5.1, sect. 5.2,  Visual inspection and measurement - sect. 4.2, sect. 4.3, sect. 4.5, sect. 4.6, sect. 4.7, sect. 4.8, sect. 4.9, sect. 4.10, sect. 5.3, sect. 5.4, sect. 7  БДС EN 1176-7  According to documents - sect. 4.2, sect. 5, sect. 5.1, sect. 5.2, sect. 6, sect. 7, sect. 8, sect. 8.2  БДС EN 1176-10  According to documents - sect. 4.2.1, sect. 4.2.2.7, sect. 4.3.1, sect. 4.4.4.1, sect. 5 /1-5/  Visual inspection and measurement - sect. 4.2.2.1, sect. 4.2.2.2, sect. 4.2.2.3, sect. 4.2.2.4, sect. 4.2.2.5, sect. 4.2.2.6, sect. 4.3.2.1, sect. 4.3.2.2, sect. 4.3.3, sect. 4.3.4, sect. 4.3.5, sect. 4.3.6, sect. 4.3.7, sect. 4.3.8, sect. 4.3.9, sect. 4.4.1, sect. 4.4.2, sect. 4.4.3, sect. 4.4.4.  БДС EN 1176-11  According to documents - sect. 4.4.  Visual inspection and measurement - sect. 4.1, sect. 4.2, sect. 4.3, sect. 6.  БДС EN 1177+АС  According to documents  РПК 7.1-5 |  |
| 3. Physical factors | | | | | |
| 3.1. | Artificial lighting in work and household environment | New and/or existing sites and equipment | Illuminance, lx | Methodical instructions for measurement and evaluation of artificial lighting in buildings 40-85,  Standardization, published 1985;  РПК 7.1-3 | Ordinance № 49 (SG № 7/1976)  БДС EN 12464-1  Ordinance № 24 (SG № 95/2003)  Ordinance № 9  (SG № 46/1994)  Ordinance № 2  (SG № 15/2007)  Ordinance № 3  (SG № 15/2007)  Ordinance № 26 (SG № 103/2008)  TS |
| 3.2 | Microclimate of work and household environment | New and/or existing sites and equipment | Air temperature, °С  Relative air humidity, %  Air flow velocity, m/s | Ordinance № РД-07-3 (SG № 63/2014) БДС 16 686  РПК 7.1-4 | Ordinance № РД-07-3  (SG № 63/2014)  БДС 14 776  Ordinance № 24 (SG № 95/2003)  Ordinance № 9  (SG № 46/1994)  Ordinance № 2  (SG № 15/2007)  Ordinance № 3  (SG № 15/2007)  Ordinance № 26 (SG № 103/2008)  TS |
| 3.3. | Noise in work environment | Inspection of new and/or existing sites and equipment |  | РПК 7.1-2 | TS |
| - Daytime noise level exposure  - Average weekly noise level exposure  - Peak noise level pressure | БДС EN ISO 9612  (БДС ISO 1999) | Ordinance № 6  (SG № 70:2005) |
| * - Noise level   - Noise level equivalent | БДС 15471 | Ordinance № 7  (SG № 88/1999) Ordinance № 9  (SG № 46/1994) Ordinance № 26 (SG № 03/2008) |
| 3.4. | Environmental noise | Inspection of new and/or existing sites and equipment | * - Noise level   - Noise level equivalent | - БДС 15471  РПК 7.1-2. | Ordinance № 6, Appendix № 2, Table № 2  (SG № 58/2006) TS |
| 3.5. | Noise inside residential and public buildings | Inspection of new and/or existing sites and equipment | * - Noise level   - Noise level equivalent | - БДС 15471;  РПК 7.1-2. | Ordinance № 6, Appendix № 2, Table № 1  (SG № 58/2006)  Ordinance № 24 (SG № 95/2003)  Ordinance № 2  (SG № 15/2007)  Ordinance № 9  (SG № 46/1994)  Ordinance № 26 (SG № 103/2008)  Ordinance № 6  (SG № 16/1977)  TS |
| 4. | Electrical installations and equipment up to 1000 V | New and/or existing sites and equipment | Zs impedance of the phase-protecting conductor loop | РПК 7.1-6 | Ordinance № 16-116,  SG № 26/2008  Ordinance № 3,  (SG № 90 and 91/2004)  TS |
|  |  |  | Resistance of the protective earth conductor | РПК 7.1-7 | Ordinance № 16-116,  SG № 26/2008  Ordinance № 3,  (SG № 90 and 91/2004)  TS |
| Resistance of lightning and grounding installations | РПК 7.1-7 | Ordinance № 4  (SG № 6/2011)  TS |

**\*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 № 16-116 on the technical operation of electrical equipment (SG № 26/2008).

Ordinance № 3 on the structure of electrical installations and electrical conductor lines (SG № 90 and 91/2004).

Ordinance № 4 on the lightning protection of buildings, external installation, and outdoor areas (SG № 6/2011).

Ordinance № 6 on ensuring normal acoustic setting in residential and public buildings and areas (SG № 16/1977).

Ordinance № 2 on health requirements for computers and internet rooms for public use (SG № 15/2007).

Ordinance № 3 on the health requirements for day care centres and kindergartens (SG № 15/2007).

Ordinance № 9 on the health and hygiene requirements for using personal computers for educational purposes and for extracurricular activities (SG № 46/1994).

Ordinance № 24 on the health and hygiene requirements for nightclubs (SG № 95/2003).

Ordinance № РД-07-03 on minimum requirements for the microclimate at workplaces (SG № 63/2014).

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

Methodical instructions for measurement and evaluation of artificial lighting inside buildings 40-85, Collection of Methods of the National Centre of Hygiene, Medical Ecology and Nutrition, volume IV, Standardization, Published 1985.

Ordinance № 6 on the minimum requirements for ensuring the health and safety of staff risking exposure to noise (SG № 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 environmental noise indicators, inside residential and public buildings, in areas and territories intended for residential construction, recreational areas and territories and areas of mixed purpose, the methods for evaluation of noise indicators and of measuring the harmful effects on the health of population (SG № 58/2006).

Ordinance № 26 on the structure and operation of nurseries and baby food kitchens and the relevant health requirements (SG № 103/2008).

Ordinance № 7 on minimum requirements for health and safety at the workplace and during use of working equipment (SG № 88/1999).

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

Ordinance № 1 on the terms and conditions for the structure and safety of playgrounds (SG № 10/2009).

TS – Technical Specification of the client.