**ORDER**

**No. A 639**

**Sofia, 20.10.2021**

**Mini Maritsa-Iztok EAD, Radnevo**

**Inspection body of type C „Elements of work conditions"**

**Management and оffice address**: 6260, Radnevo, No. 13, G. Dimitrov Str.

**To perform inspection of:**

|  |
| --- |
| **Scope type:** *fixed* |
| **№** | **Field of Inspection** | **Type** **of Inspection** | **Parameter of Inspection / Characteristic** | **Test and Measurement Methods Used During Inspection** | **Regulations, Standards, Specifications, Schemes** |
| 1 | 2 | 3 | 4 | 5 | 6 |
| 1. | Microclimate in working environment | Inspection of new and/or operational sites | Air temperature, Air relative humidity, Air velocity | БДС 16686:1987Ordinance No. RD-07-3 (SG, issue 63/2014)ПК 7.1-06 | БДС 14776:1987Ordinance No. RD-07-3 (SG, issue 63/2014)TS |
| 2. | Noise in working environment | Inspection of new and/or operatio-nal sites | Daily noise exposure level, Average weekly noise exposure level, Peak sound pressure level | БДС EN ISO 9612:2009 (БДС ISO 1999:2014)ПК7.1-07 | Ordinance No.6 (SG, issue 70/2005)TS |
|  |
| 3. | Vibrations transmitted to the whole body and the arm-shoulder system | Inspection of new and/or operational sites / facilities | Daily exposure of the whole body value, Daily exposure of the arm-shoulder system value  | БДС ISO 2631-1:2004БДС EN ISO 5349-1:2002БДС EN ISO 5349-2:2002ПК7.1-09 | Ordinance No.3 (SG, issue 40/2005)TS |
| 4. | Chemical agents in the air of working environment - Powder | Inspection of new and/or operational sites / facilities | Powder: Concentration of inhalable and respirable fraction; Respirable powder of crystalline silicon dioxide - percentage | БДС 2200:1985БДС 2280:1987БДС EN 689: 2018 +AC:2019БДС EN 481:2000БДС EN 482:2021 ПК7.1-08 | Ordinance No.13 (SG, issue 8/2004)Ordinance No.10 (SG, issue 94/2003)TS |
| 5.  | Chemical agents in the air of working environment | Inspection of new and/or operational sites / facilities | Concentration of chemical agents: | ПК7.1-10 |  |
|  |  |  | 1. Rapid methods with indication tubes; | БДС EN 689:2018+ AC:2019БДС EN 482:2021Methodical instructions for determination of toxic gases and vapours in the air of working environment by linear colorimetric methods, vol. 2, Medical Academy, Scientific Institute of Hygiene and Occupational Diseases, “Hygitest” Association, 1987 | Ordinance No.13 (SG, issue 8/2004)Ordinance No.10 (SG, issue 94/2003)TS |
|  |
|  |  |  | 2. Other methods:Photometric method for determining the ozone concentration Colorimetric droplet method for determining the manganese aerosols concentrationColorimetric droplet method for determining the lead aerosols concentration;Quantitative droplet method for determining the ferrous aerosols concentration; | БДС EN 689:2018+AC:2019БДС EN 482:2021БДС 8435:1979БДС 14981:1980БДС 2599:1980/ amended 1:1981Methodical instructions of National Center for Hygiene, Medical Ecology and Nutrition, 1985 | Ordinance No.13 (SG, issue 8/2004)TS |

Ordinance No. RD-07-3 on the Minimum Requirements for the Microclimate of Workplaces (SG, issue 63/ 2014);

Ordinance No. 6 on the Minimum Requirements for Ensuring the Health and Safety of Employees Working in Noise Exposure Related Risks (SG, issue 70/ 2005);

Ordinance No. 3 on the Minimum Requirements for Ensuring the Health and Safety of Employees Working in Vibration Exposure Related Risks (SG, issue 40/ 2005);

Ordinance No. 13 on Protection of Workers from Risks Associated with Exposure to Chemical Agents at Work (SG, issue 8/ 2004, last amended and supplemented SG, issue 47/ 04.06.2021);

Ordinance № 10 on Protection of Workers from Risks Associated with Exposure to Carcinogens and Mutagens at Work (SG, issue 94/ 2003, last amended SG issue 47/ 04.06.2021);

TS – Technical Specification.