

The results of atmospheric air quality monitoring on the border of sanitary protection zone of PJSC ArcelorMittal Kryvyi Rih during unfavourable weather conditions (UWC) from 09-00 30.12.2022 to 21-00 30.12.2022

| Monitoring location   | Pollutant        | Maximum allowable concentration (MAC), one-time, mg/m <sup>3</sup> | Maximum one-time concentration, mg/m <sup>3</sup> |       | Maximum allowable concentration (MAC) daily average, mg/m <sup>3</sup> | Average concentration for the reporting period, mg/m <sup>3</sup> |
|---|------------------|--|---|-------|--|---|
|   |                  |  | min   | max   |  |   |
| In the area of automated monitoring station (AMS) No. 1 in the area affected by Steel Plant       | Carbon monoxide  | 5,0  | 0,085   | 0,307 | 3,00   | -   |
|   | Sulphur dioxide  | 0,5  | 0,001   | 0,001 | 0,05   | -   |
|   | Nitrogen dioxide | 0,2  | 0,005   | 0,032 | 0,04   | -   |
|   | Dust             | 0,5  | 0,009   | 0,019 | 0,15   | -   |
| In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant        | Carbon monoxide  | 5,0  | 0,040   | 0,906 | 3,00   | -   |
|   | Sulphur dioxide  | 0,5  | 0,001   | 0,001 | 0,05   | -   |
|   | Nitrogen dioxide | 0,2  | 0,019   | 0,023 | 0,04   | -   |
|   | Dust             | 0,5  | 0,015   | 0,077 | 0,15   | -   |
| In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department | Carbon monoxide  | 5,0  | 0,146   | 0,555 | 3,00   | -   |
|   | Sulphur dioxide  | 0,5  | 0,001   | 0,001 | 0,05   | -   |
|   | Nitrogen dioxide | 0,2  | 0,001   | 0,089 | 0,04   | -   |
|   | Dust             | 0,5  | bmm   | 0,063 | 0,15   | -   |

**Note 1:** Air quality control was carried out by automated monitoring stations

**Note 2:** From December 30, 2022, the dust analyzer and gas analyzers of APS No. 3, after undergoing maintenance and verification, were installed in their regular place, control atmospheric air quality was performed in automatic mode

**Note 3:** bmm - below the measurement methodology.

**Note 4:** Daily average concentration for the reporting period was not determined due to the fact that UWC period duration was less than one day.