

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 14.01.2024 to 21-00 15.01.2024

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	0,607	1,004	3,00	-
	Sulphur dioxide	0,5	0,001	0,001	0,05	-
	Nitrogen dioxide	0,2	0,001	0,005	0,04	-
	Dust	0,5	0,002	0,029	0,15	-
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	1,419	4,842	3,00	-
	Sulphur dioxide	0,5	0,019	0,056	0,05	-
	Nitrogen dioxide	0,2	нчм	0,003	0,04	-
	Dust	0,5	0,025	0,626	0,15	-
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	1,112	1,325	3,00	-
	Sulphur dioxide	0,5	0,023	0,028	0,05	-
	Nitrogen dioxide	0,2	нчм	0,007	0,04	-
	Dust	0,5	0,034	0,180	0,15	-

**Note 1:** Atmospheric air quality monitoring was carried out by air quality control was carried out by automated monitoring stations.

**Note 2:** Daily average concentration for the reporting period was not determined due to the fact that UWC period duration was more than one day.

**Note 3:** bsm - below the sensitivity of the methods.