

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 21-00 15.01.2023 to 21-00 16.01.2023

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	0,001	0,186	3,00	0,103
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,014	0,037	0,04	0,021
	Dust	0,5	0,015	0,040	0,15	0,025
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,414	3,052	3,00	0,965
	Sulphur dioxide	0,5	0,037	0,123	0,05	0,076
	Nitrogen dioxide	0,2	0,007	0,014	0,04	0,010
	Dust	0,5	0,047	0,322	0,15	0,119
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,240	0,652	3,00	0,505
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,001	0,056	0,04	0,020
	Dust	0,5	bmm	0,182	0,15	0,115

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

**Note 2:** During the NMU period, an excess of the average daily concentration of sulfur dioxide was recorded at APS No. 2, with prevailing wind directions that minimize / exclude the influence of AMKR

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