

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 15.01.2024 to 09-00 16.01.2024

Monitoring location	Pollutant	Maximum allowable concentration (MAC), one-time, mg/m ³	Maximum one-time concentration, mg/m ³		Maximum allowable concentration (MAC) daily average, mg/m ³	Average concentration for the reporting period, mg/m ³
			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	0,950	3,00	0,797
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,001	0,002	0,04	0,001
	Dust	0,5	0,003	0,025	0,15	0,010
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	1,452	5,099	3,00	3,097
	Sulphur dioxide	0,5	0,020	0,051	0,05	0,034
	Nitrogen dioxide	0,2	нчм	0,005	0,04	0,001
	Dust	0,5	0,025	0,626	0,15	0,138
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	1,088	1,325	3,00	1,182
	Sulphur dioxide	0,5	0,022	0,028	0,05	0,025
	Nitrogen dioxide	0,2	нчм	0,016	0,04	0,002
	Dust	0,5	0,036	0,164	0,15	0,082

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

Note 2: bsm - below the sensitivity of the methods.