

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 25.02.2023 to 21-00 26.02.2023

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	0,001	0,267	3,00	-
	Sulphur dioxide	0,5	0,001	0,001	0,05	-
	Nitrogen dioxide	0,2	0,019	0,042	0,04	-
	Dust	0,5	0,009	0,028	0,15	-
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,330	4,301	3,00	-
	Sulphur dioxide	0,5	0,001	0,092	0,05	-
	Nitrogen dioxide	0,2	0,011	0,027	0,04	-
	Dust	0,5	0,010	0,358	0,15	-
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,352	2,165	3,00	-
	Sulphur dioxide	0,5	0,001	0,001	0,05	-
	Nitrogen dioxide	0,2	0,009	0,035	0,04	-
	Dust	0,5	0,011	0,169	0,15	-

Note 1: 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.