

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 02.01.2023 to 09-00 03.01.2023

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	0,121	0,845	3,00	0,408
	Sulphur dioxide	0,5	0,001	0,056	0,05	0,022
	Nitrogen dioxide	0,2	0,007	0,034	0,04	0,015
	Dust	0,5	0,012	0,032	0,15	0,018
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,180	2,258	3,00	0,580
	Sulphur dioxide	0,5	0,001	0,081	0,05	0,028
	Nitrogen dioxide	0,2	0,011	0,026	0,04	0,018
	Dust	0,5	0,040	0,327	0,15	0,086
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,540	1,416	3,00	0,767
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,001	0,056	0,04	0,011
	Dust	0,5	0,034	0,278	0,15	0,091

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