

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 01.01.2023 to 21-00 02.01.2023

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	0,077	0,845	3,00	-
	Sulphur dioxide	0,5	0,001	0,050	0,05	-
	Nitrogen dioxide	0,2	0,007	0,034	0,04	-
	Dust	0,5	0,015	0,032	0,15	-
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,188	2,258	3,00	-
	Sulphur dioxide	0,5	bmm	0,081	0,05	-
	Nitrogen dioxide	0,2	0,011	0,020	0,04	-
	Dust	0,5	0,025	0,327	0,15	-
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,577	1,416	3,00	-
	Sulphur dioxide	0,5	0,001	0,001	0,05	-
	Nitrogen dioxide	0,2	0,001	0,053	0,04	-
	Dust	0,5	0,063	0,278	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 over one day.

Note 3: bmm - below the measurement methodology.