

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 31.12.2022 to 21-00 01.01.2023

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	0,323	3,00	0,194
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,007	0,034	0,04	0,015
	Dust	0,5	0,015	0,024	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	0,188	1,483	3,00	0,352
	Sulphur dioxide	0,5	bmm	0,047	0,05	0,016
	Nitrogen dioxide	0,2	0,013	0,020	0,04	0,018
	Dust	0,5	0,025	0,316	0,15	0,079
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,577	0,854	3,00	0,667
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,001	0,053	0,04	0,030
	Dust	0,5	0,063	0,159	0,15	0,101

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

Note 2: bmm - below the measurement methodology.