

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 20.03.2023 to 09-00 21.03.2023

Monitoring location	Pollutant	Maximum allowable concentration (MAC), one-time, mg/m <sup>3</sup>	Maximum one-time concentration, mg/m <sup>3</sup>		Maximum allowable concentration (MAC) daily average, mg/m <sup>3</sup>	Average concentration for the reporting period, mg/m <sup>3</sup>
			min	max		
In the area of automated monitoring station (AMS) No. 1 in the area affected by Steel Plant	Carbon monoxide	5,0	0,016	0,218	3,00	0,120
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,022	0,043	0,04	0,028
	Dust	0,5	0,016	0,041	0,15	0,027
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,159	2,234	3,00	0,573
	Sulphur dioxide	0,5	0,001	0,052	0,05	0,005
	Nitrogen dioxide	0,2	0,009	0,028	0,04	0,017
	Dust	0,5	0,026	0,377	0,15	0,121
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,389	1,112	3,00	0,575
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,001	0,031	0,04	0,008
	Dust	0,5	0,058	0,502	0,15	0,145

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