

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 19.03.2023 to 21-00 20.03.2023

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	0,004	0,218	3,00	0,103
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,022	0,045	0,04	0,028
	Dust	0,5	0,012	0,058	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	1,340	3,00	0,553
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,006	0,028	0,04	0,017
	Dust	0,5	0,026	0,286	0,15	0,120
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,389	1,608	3,00	0,660
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	bsm	0,031	0,04	0,008
	Dust	0,5	0,058	0,502	0,15	0,156

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

Note 2: bsm - below the sensitivity of the methods.