

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 15.03.2023 to 09-00 16.03.2023

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	0,020	0,210	3,00	0,136
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,022	0,044	0,04	0,028
	Dust	0,5	0,012	0,055	0,15	0,021
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,253	1,190	3,00	0,507
	Sulphur dioxide	0,5	0,001	0,041	0,05	0,013
	Nitrogen dioxide	0,2	0,010	0,021	0,04	0,016
	Dust	0,5	0,032	0,276	0,15	0,108
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,336	1,511	3,00	0,574
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	bsm	0,018	0,04	0,007
	Dust	0,5	0,018	0,201	0,15	0,090

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

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