

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 22.03.2023 to 09-00 23.03.2023

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	0,001	0,141	3,00	0,071
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,019	0,040	0,04	0,026
	Dust	0,5	0,012	0,064	0,15	0,024
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,285	5,153	3,00	1,080
	Sulphur dioxide	0,5	0,001	0,063	0,05	0,012
	Nitrogen dioxide	0,2	0,008	0,028	0,04	0,020
	Dust	0,5	0,038	0,368	0,15	0,166
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,395	1,543	3,00	0,642
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	bsm	0,030	0,04	0,009
	Dust	0,5	0,062	0,413	0,15	0,134

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

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