

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 19.04.2023 to 21-00 19.04.2023

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	0,323	0,683	3,00	-
	Sulphur dioxide	0,5	0,001	0,001	0,05	-
	Nitrogen dioxide	0,2	0,021	0,050	0,04	-
	Dust	0,5	0,008	0,053	0,15	-
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,667	0,816	3,00	-
	Sulphur dioxide	0,5	0,001	0,001	0,05	-
	Nitrogen dioxide	0,2	0,008	0,012	0,04	-
	Dust	0,5	0,022	0,089	0,15	-
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,320	2,151	3,00	-
	Sulphur dioxide	0,5	0,001	0,001	0,05	-
	Nitrogen dioxide	0,2	bsm	0,026	0,04	-
	Dust	0,5	0,006	0,238	0,15	-

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

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

**Note 3:** Daily average concentration for the reporting period was not determined due to the fact that UWC period duration was less than one day.