

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 27.05.2023 to 09-00 28.05.2023

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	0,174	0,449	3,00	0,336
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,022	0,050	0,04	0,031
	Dust	0,5	0,012	0,025	0,15	0,015
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,406	0,984	3,00	0,776
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,002	0,033	0,04	0,011
	Dust	0,5	0,013	0,092	0,15	0,030
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,446	1,807	3,00	0,762
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,001	0,071	0,04	0,014
	Dust	0,5	0,031	0,132	0,15	0,059

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