

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 04.01.2024 to 09-00 05.01.2024

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	0,549	0,942	3,00	0,750
	Sulphur dioxide	0,5	0,001	0,011	0,05	0,002
	Nitrogen dioxide	0,2	0,001	0,012	0,04	0,002
	Dust	0,5	0,003	0,011	0,15	0,007
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	1,262	3,756	3,00	1,483
	Sulphur dioxide	0,5	0,023	0,047	0,05	0,030
	Nitrogen dioxide	0,2	0,001	0,001	0,04	0,001
	Dust	0,5	0,023	0,260	0,15	0,049
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	1,028	1,340	3,00	1,152
	Sulphur dioxide	0,5	0,029	0,033	0,05	0,030
	Nitrogen dioxide	0,2	0,001	0,001	0,04	0,001
	Dust	0,5	0,033	0,085	0,15	0,055

Note 1: Atmospheric air quality monitoring was carried out by air quality control was carried out by automated monitoring stations.