

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 21-00 29.12.2023 to 09-00 30.12.2023

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	0,54	1,479	3,00	-
	Sulphur dioxide	0,5	0,001	0,004	0,05	-
	Nitrogen dioxide	0,2	0,001	0,011	0,04	-
	Dust	0,5	0,007	0,017	0,15	-
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	1,38	1,942	3,00	-
	Sulphur dioxide	0,5	0,035	0,050	0,05	-
	Nitrogen dioxide	0,2	0,001	0,001	0,04	-
	Dust	0,5	0,044	2,221	0,15	-
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	1,00	1,765	3,00	-
	Sulphur dioxide	0,5	0,03	0,04	0,05	-
	Nitrogen dioxide	0,2	0,001	0,001	0,04	-
	Dust	0,5	0,039	0,146	0,15	-

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

Note 2: daily average concentration for the reporting period was not determined due to the fact that UWC period duration was less than one day.