

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 21.03.2023 to 09-00 22.03.2023

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	0,001	0,150	3,00	0,082
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	0,022	0,045	0,04	0,029
	Dust	0,5	0,020	0,065	0,15	0,025
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	0,284	2,303	3,00	0,456
	Sulphur dioxide	0,5	0,001	0,063	0,05	0,003
	Nitrogen dioxide	0,2	0,010	0,027	0,04	0,019
	Dust	0,5	0,050	0,187	0,15	0,097
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,410	1,045	3,00	0,517
	Sulphur dioxide	0,5	0,001	0,001	0,05	0,001
	Nitrogen dioxide	0,2	bsm	0,029	0,04	0,009
	Dust	0,5	0,064	0,188	0,15	0,115

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

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