

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 04.11.2023 to 09-00 05.11.2023

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	-	-	3,00	-
	Sulphur dioxide	0,5	-	-	0,05	-
	Nitrogen dioxide	0,2	-	-	0,04	-
	Dust	0,5	-	-	0,15	-
In the area of automated monitoring station (AMS) No. 2 in the area affected by Coke Plant	Carbon monoxide	5,0	1,192	3,774	3,00	1,456
	Sulphur dioxide	0,5	0,027	0,097	0,05	0,048
	Nitrogen dioxide	0,2	0,001	0,001	0,04	0,001
	Dust	0,5	0,013	0,274	0,15	0,062
In the area of automated monitoring station (AMS) No. 3 in the area affected by Mining Department	Carbon monoxide	5,0	0,786	1,093	3,00	0,952
	Sulphur dioxide	0,5	0,004	0,030	0,05	0,015
	Nitrogen dioxide	0,2	bsm	0,015	0,04	0,002
	Dust	0,5	0,023	0,076	0,15	0,046

Note 1: Atmospheric air quality monitoring was carried out by air quality control was carried out by automated monitoring stations and by Environment Protection Department of PJSC ArcelorMittal Kryvyi Rih, certificate No. 08-0081/2021 dated 17.12.2021 regarding measurement system conformity to the requirements of DSTU ISO 10012:2005

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

Note 3: From 25.09.2023, the equipment of APS No. 1 has been dismantled for scheduled maintenance and verification. During this period, air quality control in the area of the post is carried out by the company's specialists twice a day on working days, using portable devices.