

The results of
atmospheric air quality monitoring in residential areas located closely to sanitary protection zone of Underground Mining Department of PJSC ArcelorMittal Kryvyi Rih
for Q 1 2023

Date of sampling	Sampling start time	Place of sampling	Meteorological parameters			State of weather	Pollutant monitored		
			Atmospheric pressure, mm Hg	Air temperature, °C	Wind direction		Name	Maximum allowable concentration (MAC), one-time	Content, mg/m ³
1	2	3	4	5	6	7	8	9	10
09.03.2023	13-20	18, Filatova Street	746	16	South	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,033
							CO	5 mg/m3	0,57
	13-55	2, Filatova Street	746	16	South	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,029
							CO	5 mg/m3	0,45
	14-30	2, Kozatskoi Slavy Street	746	17	South	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,027
							CO	5 mg/m3	0,53
	15-05	20, Shekspira Street	746	17	South	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,031
							CO	5 mg/m3	0,49
15-40	45, Chekhoslovatska Street	746	18	South	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26	
						NO2	0,2 mg/m3	0,042	
						CO	5 mg/m3	0,61	

Note 1: Atmospheric air quality monitoring was carried out 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