

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 4 2022

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 <sup>3</sup>
1	2	3	4	5	6	7	8	9	10
19.10.2022	13-20	18, Filatova Street	753	15	Southwestern	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,034
							CO	5 mg/m3	0,52
	13-50	2, Filatova Street	753	15	Southwestern	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,037
							CO	5 mg/m3	0,55
	14-20	2, Kozatskoi Slavy Street	753	15	Southwestern	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,045
							CO	5 mg/m3	0,64
	14-50	20, Shekspira Street	753	16	Southwestern	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26
							NO2	0,2 mg/m3	0,039
							CO	5 mg/m3	0,62
15-20	45, Chekhoslovatska Street	753	16	Southwestern	clear	Dust undifferentiated in composition (aerosol)	0,5 mg/m3	<0,26	
						NO2	0,2 mg/m3	0,048	
						CO	5 mg/m3	0,71	

**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