

INFORMATION

provided by ambient air quality control stations
in august 2020 at PJSC "ArcelorMittal Kryvyi Rih"

No.	Sampling site	Element	Number of measurements, units						Concentration of pollutants, mg/m³			Concentration limit, average daily	Average monthly, Y- O-Y		
			Total	nonstandard among them		Total sir day	nonstandard among them		Maximum one-time		C average monthly				
				wind blowing from the production sites of AMKR	wind blowing to the production sites of AMKR		wind blowing from the production sites of AMKR	wind blowing to the production sites of AMKR	C maximum one- time	C minimum one- time					
1	2	3	4	5	6	7	8	9	10	11	12	13	14		
1	Station at Steel Plant affected zone, 52, Kryvorizhstali St.	NO2	417	-	-	6	-	-	0,033	0,009	0,014	0,04	0,019		
		NO	417	-	-	6	-	-	0,050	0,001	0,003	0,06	0,022		
		SO2	417	-	-	6	-	-	0,028	bmm	0,021	0,05	0,002		
		CO	417	-	-	6	-	-	4,158	0,540	1,363	3,0	1,128		
		Dust	2215	-	-	31	-	-	0,103	0,022	0,046	0,15	0,123		
		Benzene (a) pyrene, mcg / 100 m³	4	-	-	1	-	-	-	-	0,052 (avg daily)	0,1	0,103 (avg daily)		
2	Station at Coke Plant affected zone, 2a, Landau St.	NO2	2220	-	-	31	-	-	0,017	0,001	0,002	0,04	0,027		
		NO	2220	-	-	31	-	-	0,031	0,015	0,022	0,06	0,016		
		SO2	2220	-	-	31	-	-	0,001	0,001	0,001	0,05	0,011		
		CO	2220	1	4	31	-	-	7,630	0,201	0,815	3,0	0,680		
		NH3	2220	-	-	31	-	-	0,001	0,001	0,001	0,04	0,010		
		H2S	2220	-	-	31	-	-	0,001	0,001	0,001	not normalized	0,003		
		Dust	1442	-	-	21	-	-	0,211	bmm	0,060	0,15	0,055		
		Phenol	1	-	-	-	-	-	0,004 (max. times)		0,004 (max. times)	0,01 (max. times)	less than 0,004 (max. times)		
		Formaldehyde	1	-	-	-	-	-	0,031 (max. times)		0,031 (max. times)	0,035 (max. times)	0,026 (max. times)		
3	Station at Mining Department affected zone, 41a, Podlepa St	Benzene (a) pyrene, mcg / 100 m³	4	-	-	1	-	-	-	-	0,071 (avg daily)	0,1	0,078 (avg daily)		
		NO2	2209	-	-	31	-	-	0,014	0,001	0,002	0,04	0,016		
		NO	2209	-	-	31	-	-	0,012	0,001	0,001	0,06	0,007		
		SO2	2209	-	-	31	-	-	0,001	0,001	0,001	0,05	0,004		
		CO	2209	4	1	31	-	-	6,180	0,224	0,808	3,0	1,127		
		Dust	421	-	-	6	1	-	0,280	bmm	0,078	0,15	0,071		
		Benzene (a) pyrene, mcg / 100 m³	4	-	-	1	-	-	-	-	0,093 (avg daily)	0,1	0,089 (avg daily)		

Remark 1: Air quality control by automated observation posts and the Department of Environmental Protection of PJSC "ArcelorMittal Kryvyi Rih", Certificate No. 08-0058 / 2018 dated 20.12.2018

about compliance of the state of the measurement system with the requirements of DSTU ISO 10012: 2005

Remark 2: Monthly average concentrations of pollutants are derived from all the one-time values obtained during the month

Remark 3: According to the schedule of air quality control at the border of the sanitary protection zone and in the residential areas closest to the SPA of PJSC "ArcelorMittal Kryvyi Rih" laboratory phenol and formaldehyde concentrations were measured once a day

Remark 4: The limits of permissible specified tolerance in the range of measurements - +25%.

Remark 5: According to the agreement with a third-party organization, control over the content of benzo (a) pyrene in the air was performed in July 2020.