



ENVIRONMENTAL PROTECTION AGENCY GOVERNMENT OF SINDH

PLOT NO. ST-2/1, SECTOR 23, KORANGI INDUSTRIAL AREA, KARACHI.

Ambient Air Quality Monitoring Report

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Fixed Ambient Air Quality Monitoring Station.

Ambient Air Quality Monitoring Location: EPA Head Office, Karachi

Monitoring Date: 7 December, 2017

S.NO	PARAMETERS	TIME hr	CONCENTRATION MEAN VALUE IN PPM	RESULTS	Method	SEQS LIMITS
1	Oxides of Nitrogen as (NO)	24	0.0108	14.73 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	40 $\mu\text{g}/\text{m}^3$
			0.0110			
			0.0112			
2	Oxides of Nitrogen as (NO ₂)	24	0.0244	50.52 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	80 $\mu\text{g}/\text{m}^3$
			0.0248			
			0.0248			
3	Sulphur Dioxide (SO ₂)	24	0.0408	115.71 $\mu\text{g}/\text{m}^3$	Ultraviolet fluorescence	120 $\mu\text{g}/\text{m}^3$
			0.0406			
			0.0402			
4	Carbon Monoxide (CO)	8	0.51	0.64 mg/m^3	Non dispersive infra red(NDIR)	5 mg/m^3
5	O ₃	1	0.0078	16.71 $\mu\text{g}/\text{m}^3$	Non dispersive UV absorption	130 $\mu\text{g}/\text{m}^3$

Remarks: The results of Ambient Air Quality Monitoring parameters are within the prescribe values set by Sindh Environmental Quality Standards

*PPM=Parts per million

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