



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: SEPA Head Office, Karachi


Monitoring Date: 2 February , 2018

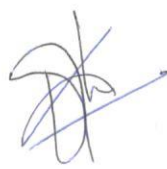
S.NO	PARAMETERS	TIME hr	CONCENTRATION MEAN VALUE IN PPM	RESULTS	Method	SEQS LIMITS
1	Oxides of Nitrogen as (NO)	24	0.0102	14.20 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	40 $\mu\text{g}/\text{m}^3$
			0.0106			
			0.0110			
2	Oxides of Nitrogen as (NO ₂)	24	0.0232	48.05 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	80 $\mu\text{g}/\text{m}^3$
			0.0234			
			0.0236			
3	Sulphur Dioxide (SO ₂)	24	0.0134	39.43 $\mu\text{g}/\text{m}^3$	Ultraviolet fluorescence	120 $\mu\text{g}/\text{m}^3$
			0.0138			
			0.0142			
4	Carbon Monoxide (CO)	8	1.86	2.33 mg/m^3	Non dispersive infra red(NDIR)	5 mg/m^3
5	O ₃	1	0.0086	18.43 $\mu\text{g}/\text{m}^3$	Non dispersive UV absorption	130 $\mu\text{g}/\text{m}^3$
6	Particulate Matter (PM -10)	24	196 $\mu\text{g}/\text{m}^3$	196 $\mu\text{g}/\text{m}^3$	β Ray Absorption Method	150 $\mu\text{g}/\text{m}^3$

SEQS Sindh Environmental Quality Standard, the Sindh Govt. Gazette, Part - 1 Ext. Jan.28, 2017 for Ambient Air.

*PPM=Parts per million

Remarks: The results of Ambient Air Quality Monitoring parameters are within the prescribe values set by SEQs except Particulate Matter (PM-10).


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