



# 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: 20 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	14.06 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	40 $\mu\text{g}/\text{m}^3$
			0.0106			
			0.0102			
2	Oxides of Nitrogen as (NO <sub>2</sub> )	24	0.0248	51.34 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	80 $\mu\text{g}/\text{m}^3$
			0.0252			
			0.0250			
3	Sulphur Dioxide (SO <sub>2</sub> )	24	0.0214	62.29 $\mu\text{g}/\text{m}^3$	Ultraviolet fluorescence	120 $\mu\text{g}/\text{m}^3$
			0.0222			
			0.0218			
4	Carbon Monoxide (CO)	8	0.54	0.68 $\text{mg}/\text{m}^3$	Non dispersive infra red(NDIR)	5 $\text{mg}/\text{m}^3$
5	O <sub>3</sub>	1	0.0064	13.71 $\mu\text{g}/\text{m}^3$	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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