



**ENVIRONMENTAL PROTECTION AGENCY**  
**GOVERNMENT OF SINDH**

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

**Ambient Air Quality Monitoring Report**

Ph: 021-35110054

Fixed Ambient Air Quality Monitoring Station.

Ambient Air Quality Monitoring Location: SEPA Head Office, Karachi

Monitoring Date: 4 September, 2018

S.NO	PARAMETERS	TIME hr	CONCENTRATION MEAN VALUE IN PPM	RESULTS	Method	SEQS LIMITS
1	Oxides of Nitrogen as (NO)	24	0.0078	9.91 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	40 $\mu\text{g}/\text{m}^3$
			0.0074			
			0.0072			
2	Oxides of Nitrogen as (NO <sub>2</sub> )	24	0.0170	33.68 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	80 $\mu\text{g}/\text{m}^3$
			0.0168			
			0.0166			
3	Sulphur Dioxide (SO <sub>2</sub> )	24	0.0152	44.00 $\mu\text{g}/\text{m}^3$	Ultraviolet fluorescence	120 $\mu\text{g}/\text{m}^3$
			0.0154			
			0.0156			
4	Carbon Monoxide (CO)	8	0.22	0.24 $\text{mg}/\text{m}^3$	Non dispersive infra red(NDIR)	5 $\text{mg}/\text{m}^3$
5	O <sub>3</sub>	1	0.0040	8.57 $\mu\text{g}/\text{m}^3$	Non dispersive UV absorption	130 $\mu\text{g}/\text{m}^3$
6	Particulate Matter (PM <sub>2.5</sub> )	24	52 $\mu\text{g}/\text{m}^3$	52 $\mu\text{g}/\text{m}^3$	$\beta$ Ray Absorption Method	75 $\mu\text{g}/\text{m}^3$

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.

Fahad Mohammad Khan  
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