



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

PLOT NO. 31-2/1, SECTOR 21, KORANGI INDUSTRIAL AREA, KARACHI

**Ambient Air Quality Monitoring Report**

Ph: 021-1110054

Fixed Ambient Air Quality Monitoring Station.

Ambient Air Quality Monitoring Location: SEPA Head Office, Karachi

Monitoring Date: 9 October, 2018

S.NO	PARAMETERS	TIME hr	CONCENTRATION MEAN VALUE IN PPM	RESULTS	Method	SEQS LIMITS
1	Oxides of Nitrogen as (NO)	24	0.0120	15.54 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	40 $\mu\text{g}/\text{m}^3$
			0.0116			
			0.0118			
2	Oxides of Nitrogen as (NO <sub>2</sub> )	24	0.0222	46.00 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	80 $\mu\text{g}/\text{m}^3$
			0.0224			
			0.0226			
3	Sulphur Dioxide (SO <sub>2</sub> )	24	0.0208	60.00 $\mu\text{g}/\text{m}^3$	Ultraviolet fluorescence	120 $\mu\text{g}/\text{m}^3$
			0.0210			
			0.0212			
4	Carbon Monoxide (CO)	8	0.29	0.36 $\text{mg}/\text{m}^3$	Non dispersive infra red(NDIR)	5 $\text{mg}/\text{m}^3$
5	O <sub>3</sub>	1	0.0044	9.42 $\mu\text{g}/\text{m}^3$	Non dispersive UV absorption	130 $\mu\text{g}/\text{m}^3$
6	Particulate Matter (PM <sub>2.5</sub> )	24	150 $\mu\text{g}/\text{m}^3$	150 $\mu\text{g}/\text{m}^3$	$\beta$ 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 except the value of PM<sub>2.5</sub>.

Fahad Mohammad Khan  
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