



**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: 7 September, 2018

S.NO	PARAMETERS	TIME hr	CONCENTRATION MEAN VALUE IN PPM	RESULTS	Method	SEQS LIMITS
1	Oxides of Nitrogen as (NO)	24	0.0132	17.41 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	40 $\mu\text{g}/\text{m}^3$
			0.0130			
			0.0128			
2	Oxides of Nitrogen as (NO <sub>2</sub> )	24	0.0226	46.00 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	80 $\mu\text{g}/\text{m}^3$
			0.0224			
			0.0222			
3	Sulphur Dioxide (SO <sub>2</sub> )	24	0.0260	74.86 $\mu\text{g}/\text{m}^3$	Ultraviolet fluorescence	120 $\mu\text{g}/\text{m}^3$
			0.0264			
			0.0262			
4	Carbon Monoxide (CO)	8	0.31	0.39 $\text{mg}/\text{m}^3$	Non dispersive infra red(NDIR)	5 $\text{mg}/\text{m}^3$
5	O <sub>3</sub>	1	0.0036	7.71 $\mu\text{g}/\text{m}^3$	Non dispersive UV absorption	130 $\mu\text{g}/\text{m}^3$
6	Particulate Matter (PM <sub>2.5</sub> )	24	51 $\mu\text{g}/\text{m}^3$	51 $\mu\text{g}/\text{m}^3$	$\beta$ 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  
Chemist (Air)  
SEPA, Karachi