



ENVIRONMENTAL PROTECTION AGENCY GOVERNMENT OF SINDH

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

Ambient Air Quality Monitoring Report

Ph: 021-35065946

Fax: 021-3065940

Fixed Ambient Air Quality Monitoring Station.

Ambient Air Quality Monitoring Location: EPA Head Office, Karachi

Monitoring Date: 15 December, 2017

S.NO	PARAMETERS	TIME hr	CONCENTRATION MEAN VALUE IN PPM	RESULTS	Method	SEQS LIMITS
1	Oxides of Nitrogen as (NO)	24	0.0156	20.54 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	40 $\mu\text{g}/\text{m}^3$
			0.0158			
			0.0146			
2	Oxides of Nitrogen as (NO ₂)	24	0.0238	49.29 $\mu\text{g}/\text{m}^3$	Gas phase chemiluminescence	80 $\mu\text{g}/\text{m}^3$
			0.0244			
			0.0238			
3	Sulphur Dioxide (SO ₂)	24	0.0178	49.33 $\mu\text{g}/\text{m}^3$	Ultraviolet fluorescence	120 $\mu\text{g}/\text{m}^3$
			0.0162			
			0.0178			
4	Carbon Monoxide (CO)	8	0.54	0.68 mg/m^3	Non dispersive infra red(NDIR)	5 mg/m^3
5	O ₃	1	0.0071	15.21 $\mu\text{g}/\text{m}^3$	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

Zeeshan Taqvi
Lab Assistant -1
SEPA, Karachi

Fahad Mohammad Khan
Chemist (Air)
SEPA, Karachi