



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: 14 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 | 19.64 $\mu\text{g}/\text{m}^3$ | Gas phase chemiluminescence | 40 $\mu\text{g}/\text{m}^3$ |
| | | | 0.0148 | | | |
| | | | 0.0136 | | | |
| 2 | Oxides of Nitrogen as (NO ₂) | 24 | 0.0248 | 48.60 $\mu\text{g}/\text{m}^3$ | Gas phase chemiluminescence | 80 $\mu\text{g}/\text{m}^3$ |
| | | | 0.0228 | | | |
| | | | 0.0234 | | | |
| 3 | Sulphur Dioxide (SO ₂) | 24 | 0.0188 | 49.90 $\mu\text{g}/\text{m}^3$ | Ultraviolet fluorescence | 120 $\mu\text{g}/\text{m}^3$ |
| | | | 0.0160 | | | |
| | | | 0.0176 | | | |
| 4 | Carbon Monoxide (CO) | 8 | 0.59 | 0.74 mg/m^3 | Non dispersive infra red(NDIR) | 5 mg/m^3 |
| 5 | O ₃ | 1 | 0.0082 | 17.57 $\mu\text{g}/\text{m}^3$ | 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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