



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: 17 November , 2017

| PARAMETERS | TIME hr | CONCENTRATION MEAN VALUE IN PPM | RESULTS | Method | SEQS LIMITS |
|-----------------|------------|---------------------------------------|--------------------------------|-----------------------------------|---------------------------------|
| NO | 24 | 0.0120 | 16.61 $\mu\text{g}/\text{m}^3$ | Gas phase chemiluminescence | 40 $\mu\text{g}/\text{m}^3$ |
| | | 0.0124 | | | |
| | | 0.0128 | | | |
| NO ₂ | 24 | 0.0176 | 36.55 g/m^3 | Gas phase chemiluminescence | 80 $\mu\text{g}/\text{m}^3$ |
| | | 0.0178 | | | |
| | | 0.0180 | | | |
| SO ₂ | 24 | 0.0122 | 35.43 $\mu\text{g}/\text{m}^3$ | Ultraviolet fluorescence | 120 $\mu\text{g}/\text{m}^3$ |
| | | 0.0124 | | | |
| | | 0.0126 | | | |
| CO | 8 | 0.29 | 0.36 mg/m^3 | Non dispersive infra red(NDIR) | 5 mg/m^3 |
| O ₃ | 1 | 0.0068 | 14.57 $\mu\text{g}/\text{m}^3$ | 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 SEQS.

NOTE: Reports are collected manually on daily basis, Data logger status is under process.

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