**CENTRAL POLLUTION CONTROL BOARD**

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**Air Laboratory**

**Data sheet for Ambient Noise Monitoring**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Description of Location:** | | | | | | | **Date:** | | | | | | | | | | |
| **Noise Level Meter** | | | | | | | | | | | | | | | | | |
| Make | | : |  | | | | | | | | | | | | | | |
| Model | | : |  | | | | | | | | | | | | | | |
| Serial No. | | : |  | | | | | | | | | | | | | | |
| **Calibration Result of Noise Level Meter** | | | | | | | | | | | | | | | | | |
| Calibration | | | | 94 dB at 1000 Hz | | | | | | | 114 dB at 1000 Hz | | | | | | |
| Initial | | | |  | | | | | | |  | | | | | | |
| Final | | | |  | | | | | | |  | | | | | | |
| **Sampling Details** | | | |  | | | | | | | | | | | | | |
| S. No. | Time duration | | | File No. | | | | Sound Parameters (dBA) | | | | | | | | | |
| Leq | L10 | | | L50 | L90 | | Lmin | | Lmax |
| 1 |  | | |  | | | |  |  | | |  |  | |  | |  |
| 2 |  | | |  | | | |  |  | | |  |  | |  | |  |
| 3 |  | | |  | | | |  |  | | |  |  | |  | |  |
| 4 |  | | |  | | | |  |  | | |  |  | |  | |  |
| 5 |  | | |  | | | |  |  | | |  |  | |  | |  |
| 6 |  | | |  | | | |  |  | | |  |  | |  | |  |
| Average L equivalent dB(A) | | | | | | | |  | | | | | | | | | |
| **Notes:** (1) The method for calculation of average Leq: To convert average of dB(A), each value is to be divided by 10, followed by antilog and finally calculate arithmetic mean. The final value is converted in logarithm followed by multiplication with 10. (2) monitoring must be carried for 75% of the prescribed day time and night time for legal compliance, (3) Lmax and Lmin are toe reported hourly basis and (4) L50 & L90 also recorded to understand the intensity of the noise for further course of action. | | | | | | | | | | | | | | | | | |
| (Monitored by) | | | | | | (Checked by) | | | | | | | | Authorized Signatory | | | | |
|  | | | | |  |  | | | |  | | | | (Air Laboratory) | | | | |
|  | | | | |  |  | | | |  | | | |  | |  | | |
| DOC:CB/CL/QR/5.10/AL-4 | | | | | Issue No.: 01 |  | | | | Issue Date: 30.09.2015 | | | |  | | Page 01 of 01 | | |
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