

**NUVOCO VISTAS CORPORATION LIMITED (FORMERLY LAFARGE INDIA LIMITED)**

**BHIWANI CEMENT PLANT**

**CHIRIYA VILLAGE, CHARKHI - DADRI MANDAL, BHIWANI DIST., HARYANA STATE**

**Monitoring Data for the Month of NOVEMBER' 2018**

**A . Stack Emission:**

| S.N. | Stack Attached to       | Pollution Control Equipment | CPCB STD (Max.)       | Particulate Matter* (Mg/NM <sup>3</sup> ) |
|------|-------------------------|-----------------------------|-----------------------|---|
| 01   | Classifier Stack        | Bag Filter                  | 30 mg/NM <sup>3</sup> | 24.6                                      |
| 02   | Packing Plant Stack - 1 | Bag Filter                  | 30 mg/NM <sup>3</sup> | 22.9                                      |
| 03   | Packing Plant Stack - 2 | Bag Filter                  | 30 mg/NM <sup>3</sup> | 22.0                                      |

**Note:** \* Spot test results, CEMS reading for: PM < 30 mg/NM<sup>3</sup>(Classifier)

**B. Ambient Air Quality :**

| Pollutants         | CPCB STD (Max.)    | AAQ ( Monthly Average) (All values in Microgram/ M <sup>3</sup> )             |                    |            |
|--------------------|--------------------|---|--------------------|------------|
|                    |                    | Ambient Air Quality Monitoring Stations                                       |                    |            |
|                    |                    | Main Gate   | Near Packing Plant | Pump House |
| PM -10             | 100                | 97.90   | 98.68              | 96.2       |
| PM -2.5            | 60                 | 58.42   | 53.10              | 58.19      |
| SOx                | 80                 | 11.80   | 9.70               | 8.40       |
| NOx                | 80                 | 28.04   | 22.35              | 27.96      |
| CO                 | 2000               | 920   | 800                | 860        |
| <b>Noise level</b> | <b>75/70 dB(A)</b> | <b>Noise level is &lt;75 dB(A) in Day time &lt;65 dB(A) during Night time</b> |                    |            |

**C. Discharge Water Quality : Quality of Treated water of Sewage Treatment Plant (STP)**

| S.N. | Pollutants                       | PCB Standard (Max) | Results obtained |
|------|----------------------------------|--------------------|------------------|
| 1    | pH                               | 5.5-9.0            | 7.76             |
| 2    | Suspended Solids                 | 100 mg/Ltr         | 24.00            |
| 3    | Chemical Oxygen Demand (COD)     | 250 mg/Ltr         | 69.48            |
| 4    | Bio-Chemical Oxygen Demand (BOD) | 30 mg/Ltr          | 21.00            |

STP water is used for Horticulture purpose.

**R.K. Khamparia**  
Vice President



**Nuvoco Vistas Corp. Ltd.**  
(formerly Lafarge India Limited)

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