

**NUVOCO VISTAS CORPORATION LIMITED**

**BHIWANI CEMENT PLANT**

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

**Monitoring Data for the Month of March 2021**

**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>	18.79
02	Packing Plant Stack - 1	Bag Filter	30 mg/NM <sup>3</sup>	22.76
03	Packing Plant Stack - 2	Bag Filter	30 mg/NM <sup>3</sup>	23.88

**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	94.76	90.69	93.61
PM -2.5	60	53.85	51.80	52.77
SO <sub>x</sub>	80	12.56	11.05	10.47
NO <sub>x</sub>	80	23.15	20.42	21.63
CO	2000	1090	1030	980
Noise level	75/70 dB(A)	Noise level is <75 dB(A) in Day time <65 dB(A) during Night time		

**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	7.45
2	Suspended Solids	100 mg/Ltr	26.00
3	Chemical Oxygen Demand (COD)	250 mg/Ltr	67.00
4	Bio-Chemical Oxygen Demand (BOD)	30 mg/Ltr	15.00

STP water is used for Horticulture purpose.

  
**Sachin Gupta**  
 Assistant General Manager