

**NUVOCO VISTAS CORPORATION LIMITED  
SONADIH CEMENT PLANT**

P.O. RASEDA – 493332, DISTT.- BALODA BAZAR- BHATAPARA, CHHATTISGARH

**ENVIRONMENTAL CLEARANCE**

For Line 1 Letter No. F. No. J-11011/28/2002-IA-II (I) dated 23/10/2002 & letter dtd 30/12/2002 & 03/06/2004 and for expansion of Cement Plant from 1.50 to 3.50 MPTA (Phase-2)  
F.No.J-11011/386/2005-IA-II (I)dated 16/03/2006 , Amendment letter dtd 05/05/2006, name change letter dtd 20.10.2017

**Monitoring Data for the Month of June 2019**

**A. Stack Emission :**

S.N.	Stack Attached to	Pollution Control Equipment	CECB STD (Max.)	Particulate Matter* (Mg/NM <sup>3</sup> )
01	Kiln & Raw mill (Line1)	Hybrid Filter	30 mg/NM <sup>3</sup>	22
02	Kiln & Raw mill (Line 2)	Bag House	30 mg/NM <sup>3</sup>	23
03	Clinker cooler (Line1)	ESP	30 mg/NM <sup>3</sup>	25
04	Clinker cooler (Line 2)	Bag house	30 mg/NM <sup>3</sup>	26
05	Coal mill (Line1)	Bag Filter	30 mg/NM <sup>3</sup>	29
06	Coal mill (Line 2)	Bag Filter	30 mg/NM <sup>3</sup>	21
07	Cement mill	Bag Filter	30 mg/NM <sup>3</sup>	22
08	Lime stone crusher	Bag Filter	30 mg/NM <sup>3</sup>	23

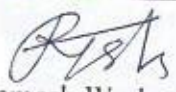
Note: \* Spot test results, CEMS reading for: PM < 30 mg/NM<sup>3</sup> NOx < 800 mg/NM<sup>3</sup> SO2 < 100 mg/NM<sup>3</sup>

**B. Ambient Air Quality :**

Pollutants	CECB STD (Max.)	AAQ ( Monthly Average) (All values in Microgram/M <sup>3</sup> )			
		Ambient Air Quality Monitoring Stations			
		Near Time office	Near LS Crusher	Near Material Gate	Near Scrap yard
PM -10	100	51.8	65.7	63.2	53.1
PM -2.5	60	21.3	32.8	27.1	30.4
SOx	80	15.5	13.6	23.8	13.6
NOx	80	22.5	11.9	15.1	12.0
CO	2000	<10	234	1278	456
Noise level	75/70 dB(A)	Noise level is <70 dB(A) in Day time / <65 dB(A) during Night time			

**C. Discharge Water Quality :** Treated water of Sewage Treatment Plant - Used for Horticulture purpose

S.N.	Pollutants	PCB Standard (Max)	Results obtained
1	p <sup>H</sup>	5.5-9.0	7.5
2	Suspended Solids	100 mg/Ltr	67
3	Chemical Oxygen Demand (COD)	250 mg/Ltr	92
4	Bio-Chemical Oxygen Demand (BOD)	30 mg/Ltr	12

  
Ramesh Warke  
Sr.Vice President

**Nuvoco Vistas Corp. Ltd.**  
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