

**NUVOCO VISTAS CORPORATION LIMITED (FORMERLY LAFARGE INDIA 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

**Monitoring Data for the Month of May' 2017**

**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>	17
02	Kiln & Raw mill (Line 2)	Bag House	30 mg/NM <sup>3</sup>	15
03	Clinker cooler (Line1)	ESP	30 mg/NM <sup>3</sup>	21
04	Clinker cooler (Line 2)	Bag house	30 mg/NM <sup>3</sup>	18
05	Coal mill (Line1)	Bag Filter	30 mg/NM <sup>3</sup>	21
06	Coal mill (Line 2)	Bag Filter	30 mg/NM <sup>3</sup>	22
07	Cement mill	Bag Filter	30 mg/NM <sup>3</sup>	17
08	Lime stone crusher	Bag Filter	30 mg/NM <sup>3</sup>	13

**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	53.1	75.4	73.3	64.2
PM -2.5	60	24.7	30.6	38.8	27.6
SOx	80	9.4	15.5	20	7.9
NOx	80	7.2	11.7	16.6	5.6
CO	2000	<10	215.8	1561	253.2
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 : Quality of Treated water of Sewage Treatment Plant (STP)**

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	77
3	Chemical Oxygen Demand (COD)	250 mg/Ltr	88
4	Bio-Chemical Oxygen Demand (BOD)	30 mg/Ltr	12

STP water is used for Horticulture purpose.

  
Sanjay Joshi  
Sr. Vice President

**Nuvoco Vistas Corp. Ltd.**

(formerly Lafarge India Limited)

Sonadih Cement Plant, PO : Raseda, Dist. : Balodabazar-Bhatapara, Raipur – 493332 (India).

Website : www.nuvoco.in | CIN-U26940MH1999PLC118229

Registered Office : Equinox Business Park, Tower-3, East Wing, 4th Floor, LBS Road, Kurla (West), Mumbai 400070