

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 August' 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>	-
02	Kiln & Raw mill (Line 2)	Bag House	30 mg/NM <sup>3</sup>	21
03	Clinker cooler (Line1)	ESP	30 mg/NM <sup>3</sup>	-
04	Clinker cooler (Line 2)	Bag house	30 mg/NM <sup>3</sup>	17
05	Coal mill (Line1)	Bag Filter	30 mg/NM <sup>3</sup>	-
06	Coal mill (Line 2)	Bag Filter	30 mg/NM <sup>3</sup>	16
07	Cement mill	Bag Filter	30 mg/NM <sup>3</sup>	24
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> -Line 1 under shut down

**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	53.4	50.4	30.5	33.6
PM -2.5	60	27.9	24.3	12.0	16
SOx	80	8.8	12.5	25.1	13
NOx	80	4.6	11	5.7	8.1
CO	2000	<10	82	1589	76
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	7.6
2	Suspended Solids	100 mg/Ltr	43
3	Chemical Oxygen Demand (COD)	250 mg/Ltr	92
4	Bio-Chemical Oxygen Demand (BOD)	30 mg/Ltr	14

STP water is used for Horticulture purpose.

Sanjay Joshi  
Sr.Vice President

**Nuvoco Vistas Corp. Ltd.**

(formerly Lafarge India Limited)

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