

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 June' 2018**

**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>	20
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>	23
06	Coal mill (Line 2)	Bag Filter	30 mg/NM <sup>3</sup>	20
07	Cement mill	Bag Filter	30 mg/NM <sup>3</sup>	26
08	Lime stone crusher	Bag Filter	30 mg/NM <sup>3</sup>	14

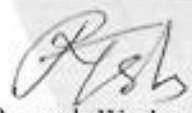
Note: \* Spot test results, CEMS reading for: PM < 30 mg/NM<sup>3</sup> NOx < 800 mg/NM-SO2 < 100 mg/NM<sup>3</sup>

**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	39.6	66.3	58.9	54.2
PM -2.5	60	29.8	35.1	30.3	30.2
SOx	80	8.5	13.7	22.9	14.1
NOx	80	23.5	11.6	13.3	11.9
CO	2000	<10	241	1326	273
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	7.1
2	Suspended Solids	100 mg/Ltr	52
3	Chemical Oxygen Demand (COD)	250 mg/Ltr	72
4	Bio-Chemical Oxygen Demand (BOD)	30 mg/Ltr	13

  
Ramesh Warke  
Sr. Vice President

Nuvoco Vistas Corp. Ltd.  
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CIN - 1174900MH2007PTC175495