

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 April 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>	26
02	Kiln & Raw mill (Line 2)	Bag House	30 mg/NM <sup>3</sup>	25
03	Clinker cooler (Line1)	ESP	30 mg/NM <sup>3</sup>	23
04	Clinker cooler (Line 2)	Bag house	30 mg/NM <sup>3</sup>	24
05	Coal mill (Line1)	Bag Filter	30 mg/NM <sup>3</sup>	26
06	Coal mill (Line 2)	Bag Filter	30 mg/NM <sup>3</sup>	24
07	Cement mill	Bag Filter	30 mg/NM <sup>3</sup>	26
08	Lime stone crusher	Bag Filter	30 mg/NM <sup>3</sup>	21


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	51.2	70.7	80	73.1
PM -2.5	60	36.3	31.1	37.3	33.7
SOx	80	8.8	13.3	23.3	13.7
NOx	80	22.5	12.0	13.0	11.8
CO	2000	<10	BDL	1278	546
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	7.2
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

  
Ramesh Warke  
Sr. Vice President  
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(formerly Lafarge India Limited)

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