

NUVOCO VISTAS CORPORATION LIMITED (FORMERLY LAFARGE INDIA LIMITED)

## SONADIH LIMESTONE MINE

VILLAGE RASEDA, DISTT.- BALODA BAZAR BHATAPARA, CHHATTISGARH

Environment clearance Letter No. J11015/03/2003- IA,II(M) GOI, MoEF dated 9/7/2004 for production of 2.3 MTPA & J-11015/387/2007- IA, II(M), dated 6/9/2007 for Sonadih Limestone mine (ML area: 444.763 ha and increase in production capacity of limestone from 2.30 MTPA to 5.5 MTPA within existing mine lease area)

### KEY PARAMETERS

#### A) STATIC INFORMATION-

1	MINE LEASE AREA	444.763 HECT.
2	PRODUCTION	5.5 MTPA
3	LEASE DURATION	2036
4	DATE OF COMMENCEMENT OF WORK	MINES OPERATING SINCE 1993. CAPACITY INCREASE TO 5.5 MTPA FROM SEPT 2009

#### B) DYNAMIC PARAMETERS - Monitoring data for August 2018

##### (i) Ambient Air Quality (Results in microgram/M<sup>3</sup>)

Parameters	Ambient Air Quality Monitoring Station								
	Near River Pump House		Near Limestone Dump Hopper		Near Mine office		Towards Sonadih village		
	I	II	I	II	I	II	I	II	
1	SPM	171	193	230	241	210	206	196	208
2	RSPM(PM10)	42	51	66	75	47	44	50	43
3	NOx	12.40	11.65	12.93	10.02	10.03	13.19	11.89	12.23

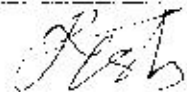
##### (ii) Vibration (PPV) : 3.42 – 4.01 mm/sec (at the distance of 300 mtr from blast site)

##### (iii) Quality of Discharge Water : Zero water discharge from Mines

1	Total Dissolved Solid (TDS)	-
2	Dissolved Oxygen(DO)	-
3	p <sup>H</sup>	-
4	Total Suspended solids (TSS)	-

##### (iv) Greenbelt / Plantation

1	Nos of Trees planted till date	More than 5.5 Lakhs around Plant, Colony & Mines			
2	Calendar year wise (Nos)	2015	2016	2017	2018
		15000	18000	10000	Plantation 5000



Ramesh Wanke  
Sr. Vice President

Nuvoco Vistas Corp. Ltd.

(Company Secretariat/Mineral Deptt.)

Sonadih Cement Plant : P.O. : Raseda, Dist. Balodabazar - Bhatapara, Chhattisgarh - 491 432, India Phone : - 91 101 7727 272224/225/226

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