



**ARASMETA LIMESTONE MINES OF M/S NUVOCO VISTAS CORP.LTD
VILLAGE ARASMETA, DISTT. JANJGIR - CHAMPA, CHHATTISGARH**

Environment clearance

Letter No. J11015/64/2003- IA, II (M) GOI, and MoEF dated 18/7/2005 for production of 2.7 MTPA for Arasmeta Limestone mine.

CONSENT TO OPERATE

Air Consent Letter NO. 1004/TS/CECB/2016 Date 17/05/2016 for 2.7 MTPA
Water Consent Letter NO. 1002/TS/CECB/2016 Date 17/05/2016 for 2.7 MTPA

Monitoring Data for the Month Aug` 2017

KEY PARAMETERS

A) STATIC INFORMATION

1	MINE LEASE AREA	:	499.987 Hect.
2	PRODUCTION	:	2.7 MTPA
3	LEASE DURATION	:	2019
4	DATE OF COMMENCEMENT OF WORK	:	Mines operated since 1982

B) DYNAMIC PARAMETERS

(i) Ambient Air Quality

Parameters	Ambient Air Quality Monitoring Station							
	Pit Boundary (East)		Mines office (West)		Colony (North)		Arasmeta village (South)	
	I	II	I	II	I	II	I	II
PM10 ($\mu\text{g}/\text{m}^3$)	67	66	62	63	53	48	59	65
PM2.5 ($\mu\text{g}/\text{m}^3$)	31	31	38	40	26	24	36	38
Sulphur Dioxide SO ₂ ($\mu\text{g}/\text{m}^3$)	7.5	7.9	8.7	7.6	7.8	7.5	7.5	8.2
Nitrogen Dioxide NO ₂ ($\mu\text{g}/\text{m}^3$)	10.3	9.6	11.6	10.7	10.5	9.5	10.7	9.9
Carbon Monoxide CO (mg/m ³)	0.14	0.18	0.18	0.19	0.14	0.16	0.13	0.15

BDL - Below Detection Limit-

(ii) Vibration (PPV) 2.57 mm / Sec at the distance of 300 meter from blast site. -

(iii) Quality of Discharge Water:- Zero Discharge Water From Mines

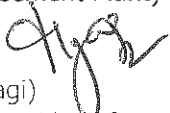
1	Total Dissolved Solid (TDS)	:	-	-
2	Dissolved Oxygen(DO)	:	-	-
3	PH	:	-	-
4	Total Suspended solids (TSS)	:	-	-

(iv) Greenbelt/Plantation

1	Nos of Trees planted till date -	1005783 Around Plant, Colony & Included Arasmeta Mines
2	Calendar year wise (progressive)	2015
		7108
		2016
		12000

For Nuvoco Vistas Corp.Ltd (Formerly Lafarge India Ltd.)

(Arasmeta Cement Plant)


(Sanjay Tyagi)
Asst. Vice President-Operations

Nuvoco Vistas Corp. Ltd.

(formerly Lafarge India Limited)

Arasmeta Cement Plant, P.O. Gopalnagar, Dist. Janjgir – Champa, Chhattisgarh – 495663 (India)

Website: www.nuvoco.in | CIN. U26940MH1999PLC118229

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

**KIRARI LIMESTONE MINES OF M/S NUVOCO VISTAS CORP.LTD
VILLAGE KIRARI - CHORBHATTI
DISTT. JANJGIR - CHAMPA, CHHATTISGARH**

Environment clearance

Environment clearance. Letter No. J11015/23/2002- IA, II (M) GOI, and MoEF dated 9/12/2003 for production of 0.36 MTPA for Kirari Limestone mine.

CONSENT TO OPERATE

Air Consent Letter NO. 481/RO/TS/CECB/2016 Date 23/06/2016 for 0.36 MTPA
Water Consent Letter NO. 480/RO/TS/CECB/2016 Date 23/06/2016 for 0.36 MTPA

Monitoring Data For the Month of Aug` 2017

KEY PARAMETERS									
A) STATIC INFORMATION									
1.	MINE LEASE AREA	:	167.048 Hect.						
2.	PRODUCTION	:	0.36 MTPA						
3.	LEASE DURATION	:	2020						
4.	DATE OF COMMENCEMENT OF WORK	:	Mines operated since 2006						
B) DYNAMIC PARAMETERS									
(i) Ambient Air Quality									
Ambient Air Quality Monitoring Station									
Parameters		Chorbatti (East)		Banhil (West)		Mines office (North)		Kirari (South)	
		I	II	I	II	I	II	I	II
PM10	(µg/m3)	52	47	64	57	66	59	56	53
PM2.5	(µg/m3)	24	31	39	34	34	37	30	35
Sulphur Dioxide SO2	(µg/m3)	7.8	7.8	7.2	7.3	7.5	8.1	7.4	7.6
Nitrogen Dioxide NO2	(µg/m3)	10	10.1	8.8	9.4	9.6	9.7	9.3	9.9
Carbon Monoxide CO	(mg/m3)	0.12	0.14	0.15	0.17	0.14	0.16	0.13	0.13
(ii)	Vibration (PPV)	2.42 mm / Sec at the distance of 200 meter from blast site. -							
(iii)	Quality of Discharge Water :- Zero Discharge Water From Mines								
1	Total Dissolved Solid (TDS)	:	-						
2	Dissolved Oxygen(DO)	:	-						
3	PH	:	-						
4	Total Suspended solids (TSS)	:	-						
(iv) Greenbelt/Plantation									
1	Nos of Trees planted till date -	40275 nos. Plantation at Kirari Mines							
2	Calendar year wise (progressive)	2015				2016			
		6000 Nos.				6000 Nos.			

For Nuvoco Vistas Corp.Ltd (Formerly Lafarge India Ltd.)

Arasmeta Cement Plant,



(Sanjay Tyagi)

Asst. Vice President-Operations

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