



**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 July` 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									
Ambient Air Quality Monitoring Station									
Parameters		Pit Boundary (East)		Mines office (West)		Colony (North)		Arasmeta village (South)	
		I	II	I	II	I	II	I	II
PM10	($\mu\text{g}/\text{m}^3$)	63	62	59	60	49	44	56	62
PM2.5	($\mu\text{g}/\text{m}^3$)	28	28	36	38	23	21	34	36
Sulphur Dioxide SO ₂	($\mu\text{g}/\text{m}^3$)	8.4	8.8	9.5	8.4	8.7	8.6	8.3	9.0
Nitrogen Dioxide NO ₂	($\mu\text{g}/\text{m}^3$)	11.1	10.4	12.3	11.4	11.3	10.3	11.4	10.6
Carbon Monoxide CO	(mg/m^3)	0.17	0.21	0.2	0.21	0.16	0.18	0.15	0.17
BDL - Below Detection Limit-									
(ii)	Vibration (PPV)	2.38 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				2016			
		7108				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 July` 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)	49	44	60	53	62	55	53	50	
PM2.5	(µg/m3)	22	29	36	31	31	34	28	32	
Sulphur Dioxide SO2	(µg/m3)	8.6	8.6	8.1	8.2	8.4	9	8.2	8.4	
Nitrogen Dioxide NO2	(µg/m3)	10.7	10.8	9.6	10.2	10.4	10.5	10	10.6	
Carbon Monoxide CO	(mg/m3)	0.15	0.17	0.19	0.21	0.18	0.20	0.16	0.16	
(ii) Vibration (PPV) 2.26 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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