



**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 June 2017**

**KEY PARAMETERS**

<b>A ) STATIC INFORMATION</b>									
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>B) DYNAMIC PARAMETERS</b>									
<b>(i) Ambient Air Quality</b>									
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	( $\mu\text{g}/\text{m}^3$ )	67	66	64	65	53	48	61	65
PM2.5	( $\mu\text{g}/\text{m}^3$ )	31	31	38	40	26	24	36	38
Sulphur Dioxide SO <sub>2</sub>	( $\mu\text{g}/\text{m}^3$ )	7.6	8.0	8.6	7.5	7.9	7.8	7.4	8.1
Nitrogen Dioxide NO <sub>2</sub>	( $\mu\text{g}/\text{m}^3$ )	10.1	9.6	11.5	10.5	10.4	9.5	10.6	9.7
Carbon Monoxide CO	( $\text{mg}/\text{m}^3$ )	0.15	0.19	0.17	0.17	0.14	0.16	0.12	0.14
BDL - Below Detection Limit-									
<b>(ii)</b>	<b>Vibration (PPV)</b>	2.97 mm / Sec at the distance of 300 meter from blast site. -							
<b>(iii)</b>	<b>Quality of Discharge Water :-</b>	Zero Discharge Water From Mines							
1	Total Dissolved Solid (TDS)	:	-						
2	Dissolved Oxygen(DO)	:	-						
3	PH	:	-						
4	Total Suspended solids (TSS)	:	-						
<b>(iv) Greenbelt/Plantation</b>									
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)

  
(Ramesh Chandra Pathak)  
Vice President-ACP

**Nuvoco Vistas Corp. Ltd.**

(formerly Lafarge India Limited)

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

Website: [www.nuvoco.in](http://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 June ` 2017**

KEY PARAMETERS									
<b>A ) STATIC INFORMATION</b>									
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>B) DYNAMIC PARAMETERS</b>									
<b>(i) Ambient Air Quality</b>									
		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)	54	49	64	57	66	59	58	55
PM2.5	(µg/m3)	24	31	39	34	34	37	30	33
Sulphur Dioxide SO2	(µg/m3)	7.7	7.7	7.3	7.4	7.6	8.2	7.3	7.5
Nitrogen Dioxide NO2	(µg/m3)	9.8	9.9	8.8	9.4	9.6	9.7	9.1	9.7
Carbon Monoxide CO	(mg/m3)	0.12	0.14	0.17	0.19	0.16	0.18	0.13	0.13
<b>(ii) Vibration (PPV)</b>		2.81 mm / Sec at the distance of 200 meter from blast site. -							
<b>(iii) Quality of Discharge Water :-</b>		Zero Discharge Water From Mines							
1	Total Dissolved Solid (TDS)	:	-						
2	Dissolved Oxygen(DO)	:	-						
3	PH	:	-						
4	Total Suspended solids (TSS)	:	-						
<b>(iv) Greenbelt/Plantation</b>									
1	Nos of Trees planted till date -	40275 nos. Plantation at Kirari Mines							
2	Calendar year wise (progressive)	2015				2016			
		6000 Nos.				6000 Nos.			

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Arasmeta Cement Plant,

  
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