



**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. 3357/TS/CECB/2017 Date 21/09/2017 for 2.7 MTPA  
Water Consent Letter NO. 3355/TS/CECB/2017 Date 21/09/2017 for 2.7 MTPA

**Monitoring Data for the Month Oct` 2017**

KEY PARAMETERS										
<b>A ) STATIC INFORMATION</b>										
1	MINE LEASE AREA	:	499.987 Hect.							
2	PRODUCTION	:	2.7 MTPA							
3	LEASE DURATION	:	31/03/ 2030							
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	(µg/m3)	68.4	67.4	62.5	63.5	54.3	49.4	59.5	65.5	
PM2.5	(µg/m3)	32.2	32.2	40.3	42.3	27.1	25.1	38.3	40.3	
Sulphur Dioxide SO2	(µg/m3)	8.1	8.5	9.2	8.1	8.4	7.9	8.0	8.7	
Nitrogen Dioxide NO2	(µg/m3)	11.3	10.5	12.5	11.6	11.5	10.3	11.6	10.8	
Carbon Monoxide CO	(mg/m3)	0.15	0.19	0.17	0.18	0.16	0.17	0.12	0.14	
BDL - Below Detection Limit-										
<b>(ii) Vibration (PPV)</b>		2.32 mm / Sec at the distance of 300 meter from blast site.								
<b>(iii) Quality of Discharge Water:- Zero Discharge Water From Mines</b>										
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 -		1063199 Around Plant, Colony & Included Arasmeta Mines & Harihar project.							
2	Calendar year wise (progressive)		2016				2017			
			12000				8056			

**For Nuvoco Vistas Corp.Ltd (Formerly Lafarge India Ltd.)**  
(Arasmeta Cement Plant)

(Sanjay Tyagi)  
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

**CHILHATI LIMESTONE MINES OF M/S NUVOCO VISTAS CORP.LTD**  
**VILLAGE CHILHATI**  
**DISTT. BILASPUR, CHHATTISGARH**

**Environment clearance**

Environment clearance. Letter No. J-11015/210/2010-IA.II (M) GOI and MoEF dated 18/9/2014 for production of 4.0 MTPA for Chilhati Limestone mine.

**CONSENT TO OPERATE**

Air Consent Letter NO. 267/TS/CECB/2016 Date 12/04/2017 for 4.0 MTPA  
 Water Consent Letter NO. 265/TS/CECB/2017 Date 12/04/2017 for 4.0 MTPA

**Monitoring Data For the Month of Oct` 2017**

KEY PARAMETERS													
<b>A ) STATIC INFORMATION</b>													
1	MINE LEASE AREA	:	1085.365 Hect.										
2	PRODUCTION	:	4.0 MTPA										
3	LEASE DURATION	:	2065										
4.	DATE OF COMMENCEMENT OF WORK		Mines operated since April2017										
<b>B) DYNAMIC PARAMETERS</b>													
<b>(i) Ambient Air Quality</b>													
Ambient Air Quality Monitoring Station													
Parameters (µg/m <sup>3</sup> )		Gonadih		Chilhathi		Jaitpuri-Semradih		Kokri-Gobari		Sonadih		Belha	
		I	II	I	II	I	II	I	II	I	II	I	II
PM10		62.2	60.2	57.3	59.3	47.1	42.2	54.3	60.3	50.2	56.8	55.3	49.2
PM2.5		29.1	29.1	35.2	37.4	22.8	21.3	33.2	35.2	25.7	25.9	31.2	29.2
Sulphur Dioxide SO <sub>2</sub>		8.9	9.4	10.1	9.0	9.2	8.8	8.6	9.5	9.3	8.6	9.3	9.0
Nitrogen Dioxide NO <sub>2</sub>		12.2	11.6	13.1	12.5	12.5	11.4	12.6	11.7	12.7	11.2	12.8	12.1
Carbon Monoxide CO		0.17	0.22	0.19	0.19	0.18	0.17	0.15	0.16	0.19	0.20	0.17	0.21
<b>(ii) Vibration (PPV)</b> Nil / 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 -		3000 nos. Plantation at Chilhati Mines										
2	Calendar year wise (progressive)		2017										
			3000										

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 Vice President -ACP

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**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 Oct` 2017**

KEY PARAMETERS										
<b>A ) STATIC INFORMATION</b>										
1	MINE LEASE AREA	:	167.048 Hect.							
2	PRODUCTION	:	0.36 MTPA							
3	LEASE DURATION	:	25/08/2050							
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)	53.9	49.9	64.8	57.6	66.6	59.7	58.9	54.9	
PM2.5	(µg/m3)	25.2	32.2	41.1	38.8	36.1	39.2	31.2	36.2	
Sulphur Dioxide SO2	(µg/m3)	7.9	7.9	7.3	7.4	7.5	8.3	7.5	7.7	
Nitrogen Dioxide NO2	(µg/m3)	10.4	10.5	9.3	9.8	10.1	10.1	9.7	10.3	
Carbon Monoxide CO	(mg/m3)	0.11	0.14	0.16	0.17	0.15	0.16	0.12	0.13	
<b>(ii) Vibration (PPV)</b> 2.47 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 -		41660 nos. Plantation at Kirari Mines							
2	Calendar year wise (progressive)		2016				2017			
			6000 Nos.				6865 Nos.			

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