



**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` 2018**

**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	NAAQ STD	Pit Boundary (East)		Mines office (West)		Colony (North)		Arasmeta village (South)		
		I	II	I	II	I	II	I	II	
PM10	100µg/m3	59.7	58.3	54.1	55.1	45.5	41.4	50.8	56.7	
PM2. 5	60 µg/m3	26.8	27.3	34.9	37.0	21.7	19.8	33.0	35.2	
Sulphur Dioxide SO2	80(µg/m3	13.7	13.9	14.6	13.2	14.2	13.6	13.1	14.0	
Nitrogen Dioxide NO2	80(µg/m3	17.3	16.6	18.5	17.5	17.2	16.2	17.4	16.9	
Carbon Monoxide CO	4 mg/m3	0.27	0.28	0.23	0.27	0.25	0.25	0.22	0.23	
BDL - Below Detection Limit-										
<b>(ii)</b>	<b>Vibration (PPV)</b>	2.59- 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 -		1028807 Around Plant, Colony & Included Arasmeta Mines & Harihar project (up to Oct 2018)							
2	Calendar year wise (progressive)		2017				2018			
			8056				7098 (Plant & Mines)			

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

  
(Anil Sharma)  
Asst. 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. 2290/RO/TS/CECB/2018 Date 04/08/2018 for 0.36 MTPA  
Water Consent Letter NO. 2289/RO/TS/CECB/2018 Date 04/08/2018 for 0.36 MTPA

**Monitoring Data For the Month of Oct` 2018**

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	NAAQ STD	Chorbatti (East)		Banhil (West)		Mines office (North)		Kirari (South)		
		I	II	I	II	I	II	I	II	
PM10	100µg/m3	45.7	41.5	56.4	48.7	57.6	50.8	50.5	46.6	
PM2. 5	60 µg/m3	20.0	26.6	35.2	33.6	30.7	34.2	25.9	30.9	
Sulphur Dioxide SO2	80(µg/m3	13.1	13.2	12.5	12.7	12.9	14.2	12.9	12.9	
Nitrogen Dioxide NO2	80(µg/m3	16.4	16.9	15.8	16.1	16.3	16.6	15.5	16.2	
Carbon Monoxide CO	4 mg/m3	0.21	0.25	0.25	0.28	0.27	0.26	0.22	0.24	
<b>(ii) Vibration (PPV)</b> 2.41- 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 -		45360 nos. Plantation at Kirari Mines (up to 2018)							
2	Calendar year wise (progressive)		2017				2018			
			6865 Nos.				3700 Nos.			

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Arasmeta Cement Plant

(Anil Sharma)

Asst. Vice President –ACP

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**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. 1009/TS/CECB/2018 Date 18/04/2018 for 1.38 MTPA  
 Water Consent Letter NO. 1007/TS/CECB/2018 Date 18/04/2018 for 1.38 MTPA

**Monitoring Data For the Month of Oct` 2018**

<b>KEY PARAMETERS</b>													
<b>A ) STATIC INFORMATION</b>													
1	MINE LEASE AREA	:	1085.365 Hect.										
2	PRODUCTION	:	1.38 MTPA										
3	LEASE DURATION	:	2065										
4.	DATE OF COMMENCEMENT OF WORK		Mines operated since 19 <sup>th</sup> April 2017										
<b>B) DYNAMIC PARAMETERS</b>													
<b>(i) Ambient Air Quality</b>													
Ambient Air Quality Monitoring Station													
Parameters (µg/m <sup>3</sup> )	Gonadih		Chilhati		Jaitpuri-Semradih		Kokri-Gobari		Sonadih		Belha		
	I	II	I	II	I	II	I	II	I	II	I	II	
PM10	54.8	52.8	49.5	52.1	37.7	35.3	46.6	50.2	43.8	46.8	45.7	41.6	
PM2.5	24.2	26.1	33.3	34	20.5	16.3	28.4	30.5	22.2	21.6	29	26.7	
Sulphur Dioxide SO <sub>2</sub>	14.6	13.7	14.2	13.2	12.8	12.3	12.1	12.7	13.2	11.8	13.3	13.1	
Nitrogen Dioxide NO <sub>2</sub>	18.2	15.9	16.9	15.8	17.7	16.6	16.0	15.7	17.3	16.5	17.8	16.2	
Carbon Monoxide CO	0.28	0.27	0.23	0.28	0.3	0.25	0.24	0.25	0.31	0.28	0.26	0.29	
<b>NAAQ STD- PM10-100 µg/m<sup>3</sup>, PM2.5-60 µg/m<sup>3</sup> SO<sub>2</sub> &amp; NO<sub>2</sub>-80 µg/m<sup>3</sup> and CO-4 mg/m<sup>3</sup></b>													
<b>(ii) Vibration (PPV)</b> Nil / Sec at the distance of 200 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 -		10785 nos. Plantation at Chilhati Mines (up to 2017)										
2	Calendar year wise (progressive)		2017					2018					
			3800					6985					

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