



**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 May` 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	(µg/m <sup>3</sup> )	72	71	68	69	58	53	65	69
PM2.5	(µg/m <sup>3</sup> )	35	35	41	43	30	28	39	41
Sulphur Dioxide SO <sub>2</sub>	(µg/m <sup>3</sup> )	7.1	7.5	8.2	7.1	7.4	7.3	7.0	7.7
Nitrogen Dioxide NO <sub>2</sub>	(µg/m <sup>3</sup> )	9.4	8.9	10.9	9.9	9.7	8.8	10.0	9.1
Carbon Monoxide CO	(mg/m <sup>3</sup> )	0.12	0.16	0.15	0.15	0.11	0.14	0.10	0.12
BDL - Below Detection Limit-									
<b>(ii) Vibration (PPV)</b>		2.57 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 -			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 LTD.)**

Arasmeta Cement Plant,  
P.O. Gopalnagar, Dist. Janjgir-Champa,  
Chhattisgarh - 495 663  
Phone (07817) 234234, 35, 36 Fax (07817) 234237,234286  
www.Nuvoco.in



LAST UP DATED ON: - June` 2017

**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 May` 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)	58	53	69	62	71	64	62	59	
PM2.5	(µg/m3)	27	34	43	38	38	41	33	36	
Sulphur Dioxide SO2	(µg/m3)	7.3	7.3	6.8	6.9	7.1	7.7	6.9	7.1	
Nitrogen Dioxide NO2	(µg/m3)	9.2	9.3	8.1	8.7	8.9	8.9	8.5	9.1	
Carbon Monoxide CO	(mg/m3)	0.10	0.12	0.14	0.13	0.13	0.15	0.11	0.11	
<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 -		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,

  
(Ramesh Chandra Pathak)  
Vice President-ACP

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