

ARASMETA LIMESTON MINE 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 Mar` 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 (µg/m3)		61	61	72	67	48	47	57	59
PM2.5 (µg/m3)		34	33	41	41	26	26	32	34
Sulphur Dioxide SO2 (µg/m3)		7.3	7.2	8.5	7.5	6.1	6.7	7.3	7.5
Nitrogen Dioxide NO2 (µg/m3)		8.8	8.1	11.1	9.7	7.8	7.8	10.2	8.6
Carbon Monoxide CO (mg/m3)		0.13	0.14	0.16	0.16	0.10	0.09	0.12	0.10
2.87 BDL - Below Detection Limit-									
(ii) Vibration (PPV)		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
 (Arasmeta Cement Plant)


 (Ramesh Chandra Pathak)
 Vice President

KIRARI LIMESTONE MINE 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 Mar` 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/m ³)	47	55	62	72	65	61	54	53
PM2.5	(µg/m ³)	27	34	39	44	39	37	29	29
Sulphur Dioxide SO ₂	(µg/m ³)	6.3	6.4	7.7	7.5	6.8	7.1	7.0	6.8
Nitrogen Dioxide NO ₂	(µg/m ³)	8.0	7.7	8.7	9.8	8.1	8.0	8.7	8.5
Carbon Monoxide CO	(mg/m ³)	0.09	0.10	0.13	0.13	0.08	0.11	0.10	0.09
(ii) Vibration (PPV) 2.41 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,
Arasmeta Cement Plant,


 (Ramesh Chandra Pathak)
 Vice President