

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 APR` 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)		64	65	70	70	53	44	60	63
PM2.5 (µg/m3)		31	35	39	43	28	21	35	36
Sulphur Dioxide SO2 (µg/m3)		6.8	7.5	8.7	7.1	6.6	6.9	7.0	7.1
Nitrogen Dioxide NO2 (µg/m3)		8.3	8.9	11.7	9.9	8.2	8.2	10.0	8.9
Carbon Monoxide CO (mg/m3)		0.10	0.16	0.17	0.15	0.13	0.11	0.09	0.14
BDL - Below Detection Limit-									
(ii) Vibration (PPV)		2.57 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 (Formerly Lafarge India Ltd.)
 (Arasmeta Cement Plant)


 (Ramesh Chandra Pathak)
 Vice President-ACP

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 APR` 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

Parameters	Ambient Air Quality Monitoring Station							
	Chorbatti (East)		Banhil (West)		Mines office (North)		Kirari (South)	
	I	II	I	II	I	II	I	II
PM10 (µg/m3)	52	57	67	78	68	66	57	56
PM2.5 (µg/m3)	29	37	41	47	40	39	31	32
Sulphur Dioxide SO2 (µg/m3)	6.0	6.5	7.5	7.8	6.6	7.4	7.3	6.9
Nitrogen Dioxide NO2 (µg/m3)	8.4	8.1	8.9	9.9	8.3	8.6	9.2	8.7
Carbon Monoxide CO (mg/m3)	0.11	0.13	0.11	0.10	0.10	0.13	0.14	0.10

(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 (Formerly Lafarge India Ltd.)
 Arasmeta Cement Plant,


 (Ramesh Chandra Pathak)
 Vice President-ACP