

**JK LAKSHMI CEMENT LTD LIMESTONE MINE**

UP DATED ON 11th March 2015

CIRCULAR NO. J-20012/1/2006-IA.II(M) DATED MAY 27TH 2009  
 ENVIRONMENTAL CLERANACE NO. - J-11015/146/2006-IA.II(M) DATED JANUARY 24TH 2007

**STATIC PARAMETERS**

**PHYSICAL DATA ABOUT THE MINE LEASE**

S/N	PARTICULARS	INFORMATION
1	MINING LEASE AREA (M.L. No.)	390.625 Hectare (10/99)
2	MAX. MINING CAPACITY	8 MTPA*
3	TARGET PRODUCTION	6 MTPA
4	LEASE DURATION	20 YEARS (RENEWED FROM 8/10/2000 TO 7/10/2030)
5	DATE OF COMMENCEMENT OF WORK	8/10/1980
6	VILLAGE	BASANTGARH
7	TEHSIL	PINDWADA
8	DISTRICT	SIROHI

**DYNAMIC PARAMETERS**

<b>1</b>	<b>AMBIENT AIR QUALITY MONITORING (AAQM)- Core Zone</b>				
	AT DIFFERENT BENCHES	PM2.5(µg/m3)	PM10(µg/m3)	NOx (µg/m3)	SO2[microgram/m3]
a.	Crusher	41.63	86.38	19.96	8.59
b.	Mines Bench 453 mts	34.03	87.68	16.58	8.16
c.	Mines office	31.26	84.34	19.69	9.84
	<b>AMBIENT AIR QUALITY MONITORING (AAQM)- Buffer Zone</b>				
	AT DIFFERENT BENCHES	PM2.5(µg/m3)	PM10(µg/m3)	NOx (µg/m3)	SO2[microgram/m3]
	Basantgarh	21.62	66.19	9.89	6.81
	Rohida	18.58	71.51	12.11	6.95
	Adarsh Dungari	25.58	67.37	14.53	5.56
<b>2</b>	<b>VIBRATION</b> Velocity at 300 Mtrs				
	Vibration Study due to blasting (Large dia 100 MM above)	3.93 mm/s@16 Hz, dated 19 Dec. 2014			
<b>3</b>	<b>QUALITY OF DISCHARGED WATER</b>	<b>pH</b>	<b>TDS** (mg/lit)</b>	<b>DO*** (mg/lit)</b>	<b>TSS**** (mg/lit)</b>
	NOT APPLICABLE				
	STATUS : NO discharge of water inside/outside of premises.				
<b>4</b>	<b>GREEN BELT / PLANTATION</b>				
a	Number of trees planted	1,99,620 Saplings (Cummulative Within ML)	Up Dated till 11th March 2015		
b	Progressive plantation	6000 saplings planted in 3 Hect.in 2014-15.			
c	Area covered	52.5 Hect (Within ML )	Up Dated till 11th March 2015		

\* MTPA - Million Tones Per Annum

\*\* TDS - Total Dissolved Solids

\*\*\* DO - Dissolve Oxygen

\*\*\*\* TSS - Total Suspended Solids