

ULTRATECH CEMENT LIMITED - RAJASHREE CEMENT WORKS

Monitoring Report of Summer Season (Mar-11 to May-11)

Name of the Mines: Rajashree Cement Limestone Mine							
1	STATIC INFORMATION (Physical Data)						
1.1	M.L.No.	1769					
1.2	Area	733.82 HECTARES					
1.3	Lease Duration	20 yrs, upto 2021					
1.4	Date Of Commensoning	13th Jun 1983					
1.5	Production	MOEF Clearance, 6.7 MTPA					
2	DYNAMIC PARAMETER						
2.1	Ambient Air Quality						
Parameters	Permissible Limit	Location (Actual value)					
		Site I (NE BOUNDARY)		Site II (S BOUNDARY)		Site III (NW BOUNDARY)	
		Min	Max	Min	Max	Min	Max
PM10	100 (µg/m ³)	12	73	12	59	17	54
PM2.5	60 (µg/m ³)	10	43	10	27	10	30
SOx	80 (µg/m ³)	8	28	8	26	8	29
NOx	80 (µg/m ³)	8	29	6	29	9	30
2.2	Vibration due to Blasting (Max Value of the Quarter)						
	Peak Particle velocity at 480mtr in mm/sec					2.16	
2.3	Quality of Discharge Water						
Parameters	TDS (mg/l)	DO (mg/l)	PH	TSS (mg/l)			
Permissible Limit	500-2000	N.A	5.5-9.0	100			
Actual Value	NO DISCHARGE						
2.4	Greenbelt / Plantation						
Year	2010	2009	2008	2007	2006	2005	Cumulative
No. of Trees Planted	17800	35000	15000	13170	13250	10000	184457
Area (Hect.) under Plantation	4.7	11.33	3.35	3.31	4.76	4.03	48.00