

MANGROL - TILAKHERA LIMESTONE MINES**M/s J. K. Cement Works**

Date :28.07.2018

KEY ENVIRONMENTAL PARAMETERS
Quarter Q - 1 (From April 2018 - June 2018)

1	STATIC INFORMATION (Physical Data)								
1.1	M. L. No.				7/97				
1.2	Area				299.20 Hectare				
1.3	Lease Duration				Valid upto 31.03.2030				
1.4	Date of Commissioning				09.05.1978				
1.5	Production Capacity				1.6 MMTPA				
2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	LOCATION (Actual Value)							
		Near Mine Office		Near Ravana Office		3 to10 Meter Distance		Near loading	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	422.3	343.4	485.3	361.0	516.4	411.1	454.6	354.0
PM 10	100	54.4	43.5	59.0	49.1	61.6	51.6	56.0	44.5
NOx	80	28.5	20.4	32.1	23.3	40.5	28.2	36.7	22.2
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 3.99 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation								
Year	2018-19		2017-18		2016-17		Cummulative (2005-18) upto		
No. of Tree Planted within lease			2030		1563		17018		
Area (hect.) under Plantation			0.7		0.57		8.245		