

MANGROL - TILAKHERA LIMESTONE MINES

M/s J. K. Cement Works

Date:

KEY ENVIRONMENTAL PARAMETERS
Quarter Q - 4 (January-March)

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	NA	NA	NA	NA	452.0	429.0	400.0	377.0
PM 10	100	61.3	52.4	72.6	69.7	NA	NA	NA	NA
PM 2.5	60	51.3	38.5	51.4	47.1	NA	NA	NA	NA
NOx	80	27.4	25.2	27.0	25.0	27.6	26.7	29.2	27.9
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.906 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation								
Year	2019-20					2005-19			
No. of Tree Planted within lease	2000					42035			
Area (hect.) under Plantation	1.1					15.11			