

MANGROL - TILAKHERA LIMESTONE MINES

M/s J. K. Cement Works

Date: 10/01/2023

KEY ENVIRONMENTAL PARAMETERS
Quarter Q-3 (October-December'2022)

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				2.4 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 point	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	460.0	363.0	380.0	337.0
PM 10	100	66.7	51.4	72.0	62.8	NA	NA	NA	NA
PM 2.5	60	28.2	23.2	31.3	29.3	NA	NA	NA	NA
NOx	80	20.7	16.8	17.3	14.5	17.7	16.8	21.6	15.8
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.359 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt/Plantation (Within Lease Area)								
Year	FY 2022-23 till 30.09.2022				Cummulative (2005 - 22) upto March 2022				
No. of Tree Planted within lease	14394				38374				
Area (hect.) under Plantation	6.013				21.31				
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2022-23 till 30.09.2022				Cummulative (2005 - 22) upto March 2022				
No. of Tree Planted within lease	0				26796				
Area (hect.) under Plantation	0				5				