

MANGROL - TILAKHERA LIMESTONE MINES

M/s J. K. Cement Works

Date: 18/01/2022

KEY ENVIRONMENTAL PARAMETERS
Quarter Q-3 (October-December'2021)

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 From Drilling Operation (SPM Limit- 600 µg/m3)		Near loading point	
		Max	Min	Max	Min	Max	Min	Max	Min
		SPM	500	NA	NA	NA	NA	417.0	323.0
PM 10	100	40.6	30.8	53.3	38.5	NA	NA	NA	NA
PM 2.5	60	29.0	21.8	34.0	31.5	NA	NA	NA	NA
NOx	80	24.4	15.0	24.0	19.1	27.9	22.9	27.4	22.2
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 4.689 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt/Plantation (Within Lease Area)								
Year	FY 2021-22 till 30.09.2021					Cummulative (2005 - 21) upto March 2021			
No. of Tree Planted within lease	11802					24608			
Area (hect.) under Plantation	2 (including gap filling)					17.31			
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2021-22 till 30.09.2021					Cummulative (2005 - 21) upto March 2021			
No. of Tree Planted within lease	0					26796			
Area (hect.) under Plantation	0					5			