

MANGROL LIMESTONE MINES

M/s J. K. Cement Works

Date: 12/10/2022

KEY ENVIRONMENTAL PARAMETERS
Quarter Q-2 (July 2022 - September 2022)

1	STATIC INFORMATION (Physical Data)								
1.1	M. L. No.					26 / 08			
1.2	Area					132 Hectare			
1.3	Lease Duration					valid upto 03.05.2062			
1.4	Date of Commissioning					04.05.2012			
1.5	Production Capacity					1.5 MMTPA			
2	DYNAMIC PARAMETER								
2.1	Ambient Air Quality								
Parameters	Permissible Limit	LOCATION (Actual Value)							
		Towards Factory Gate		Near Ravana Office		3 to 10 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	429.0	239.0
PM 10	100	53.9	27.5	61.4	33.1	NA	NA	NA	NA
PM 2.5	60	40.4	16.5	49.4	20.3	NA	NA	NA	NA
NOx	80	31.7	11.4	35.1	16.0	20.0	11.4	14.3	10.5
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.644 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	6367					19350			
Area (hect.) under Plantation						7.65			
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					3020			
Area (hect.) under Plantation	0					2.02			