

KARUNDA LIMESTONE MINES

M/s J. K. Cement Works

Date: 15/04/2022

KEY ENVIRONMENTAL PARAMETERS
Quarter Q-4 (January 2022-March'2022)

1	STATIC INFORMATION (Physical Data)								
1.1	M. L. No.					3/03			
1.2	Area					240.86 Hectare			
1.3	Lease Duration					Valid upto 12.12.2034			
1.4	Date of Commissioning					13.12.1984			
1.5	Production Capacity					3.8 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	448.0	356.0	394.0	369.0
PM 10	100	53.6	39.2	58.8	46.6	NA	NA	NA	NA
PM 2.5	60	34.6	23.4	40.7	29.4	NA	NA	NA	NA
NOx	80	29.8	16.7	32.2	19.8	36.9	9.5	32.2	13.4
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.381 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	FY 2021-22					Cummulative (2005 - 21) upto March 2021			
No. of Tree Planted within lease	7300					58600			
Area (hect.) under	3.15					23			
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2021-22					Cummulative (2005 - 21) upto March 2021			
No. of Tree Planted within lease	0					3750			
Area (hect.) under	0					1.5			