

KARUNDA 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.					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	366.0	338.0	365.0	293.0
PM 10	100	65.7	57.2	58.7	50.7	NA	NA	NA	NA
PM 2.5	60	31.4	28.7	29.5	20.0	NA	NA	NA	NA
NOx	80	33.5	25.9	29.3	16.2	30.9	21.2	24.6	19.5
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.656 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	5850					65900			
Area (hect.) under	1.14					26.15			
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					3750			
Area (hect.) under	0					1.5			