

KARUNDA LIMESTONE MINES

M/s J. K. Cement Works

Date: 15.01.2024

KEY ENVIRONMENTAL PARAMETERS

Quarter Q-3rd (Oct-Dec'2023)

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	429.0	364.0	384.0	361.0
PM 10	100	74.4	69.5	74.2	60.8	NA	NA	NA	NA
PM 2.5	60	44.3	31.7	41.3	27.4	NA	NA	NA	NA
NOx	80	24.8	14.3	26.5	15.3	27.4	14.5	25.2	19.6
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 2.47 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	FY 2023-24				Cummulative (2005 - 23)				
No. of Tree Planted within lease	4131				70730				
Area (hect.) under	1.1				28.52				
Greenbelt / Plantation (Outside Lease Area)									
Year	FY 2023-24				Cummulative (2005 - 23)				
No. of Tree Planted outside lease	0				4850				
Area (hect.) under	0				1.5				