

KARUNDA LIMESTONE MINES

M/s J. K. Cement Works

Date:-22.04.2024

**KEY ENVIRONMENTAL PARAMETERS
Quarter Q-4 th (Jan-Mar'2024)**

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	433.0	411.0	390.0	366.0
PM 10	100	79.4	64.5	70.2	62.1	NA	NA	NA	NA
PM 2.5	60	35.4	30.7	35.1	29.4	NA	NA	NA	NA
NOx	80	18.9	12.2	23.1	16.1	26.4	20.1	26.8	20.1
2.2 Vibration due to Blasting (max Value of the Quarter)									
Peak particle velocity at 300 mtr is 2.767 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				