

KARUNDA LIMESTONE MINES

M/s J. K. Cement Works

Date: 10/10/2020

KEY ENVIRONMENTAL PARAMETERS**Quarter Q - 2 (July-September'2020)**

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					2.0 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	
		Max	Min	Max	Min	Max	Min	Max	Min
SPM	500	NA	NA	NA	NA	377.0	353.0	385.0	337.0
PM 10	100	45.1	40.7	63.3	46.8	NA	NA	NA	NA
PM 2.5	60	34.5	31.2	50.2	37.0	NA	NA	NA	NA
NOx	80	26.6	24.6	25.2	23.7	26.5	23.7	25.2	23.5
2.2	Vibration due to Blasting (max Value of the Quarter)								
	Peak particle velocity at 300 mtr is 3.06 mm/sec.								
2.3	Quality of Discharge Water								
	No water discharge from mines								
2.4	Greenbelt / Plantation (Within Lease Area)								
Year	FY 2020-21					Cummulative (FY 2004 - 2020)			
No. of Tree Planted within lease	2250					31519			
Area (hect.) under Plantation	2.05					17			