

MALIAKHERA 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.					4/03				
1.2	Area					315.409 Hectare				
1.3	Lease Duration					Valid upto 12.12.2034				
1.4	Date of Commissioning					13.12.1984				
1.5	Production Capacity					6.3 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 From		Near loading point		
		Max	Min	Max	Min	Max	Min	Max	Min	
SPM	500	NA	NA	NA	NA	359	317	411	277	
PM 10	100	62.2	49.2	69.1	50.5	NA	NA	NA	NA	
PM 2.5	60	33.2	29.9	36.4	28.8	NA	NA	NA	NA	
NOx	80	35.8	32.6	34.1	21.2	30.7	17.7	28.5	21.2	
2.2	Vibration due to Blasting (max Value of the Quarter)									
Peak particle velocity at 300 mtr is 2.359 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	10014				67116					
Area (hect.) under Plantation					31.155					
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					8229					
Area (hect.) under					2.57					