

JK CEMENT LIMITED							
(Unit: JK Cement Works- Nimbahera)							
Karunda Limestone Mine (M.L. Area 240.86 Ha.)							
KEY ENVIRONMENTAL PARAMETERS						Jan. -2025 to Mar. - 2025	
1	STATIC INFORMATION (Physical Data)						
1.1	M.L.No.				03/2003		
1.2	Area				240.86		
1.3	Lease Validity				12.12.2034		
1.4	Date of Commissioning of Mines				13.12.1984		
1.5	Production				3.8 Million Tonnes/Annum		
2	DYNAMIC PARAMETER						
2.1	Ambient Air Quality						
Monitored Parameters	Permissible Limits (µg/m³)			Monitoring Locations -CORE ZONE			
				Near Mine Office		Near Ravana Office	
PM _{2.5}	60			32.38		31.26	
PM ₁₀	100			66.81		61.21	
SO ₂	80			8.29		7.16	
NO ₂	80			10.16		9.03	
Monitored Parameters	Permissible Limits (µg/m³)			Monitoring Locations -BUFFER ZONE			
				Charlia Gadia Village		Karunda Village	
PM _{2.5}	60			34.95		31.69	
PM ₁₀	100			65.22		58.38	
SO ₂	80			7.38		7.07	
NO ₂	80			8.79		9.01	
2.2	Vibration due to Blasting (Max Value of the Quarter)						
	Peak Particle velocity at 2.829 mm/Second						
2.3	Quality of Discharge Water						
Parameters	pH	TSS (mg/l)	O & G (mg/l)	BOD (mg/l)		COD (mg/l)	
Actual Value	NA	NA	NA	NA		NA	
2.4	Greenbelt / Plantation (As on date)						
Year	upto 2023-24	April 2024 to June 2024	July 2024 to Sept 2024	Oct 2024 to Dec 2024	Jan 25 to March 2025	Cumulative	Remarks
No. of Trees Planted	79711	20	3755	15	10	83511.00	
Area (Hect.) under Plantation	32.64					32.64	