

JK CEMENT LIMITED						
(Unit: JK Cement Works- Nimbahera)						
Karunda Limestone Mine (M.L. Area 240.86 Ha.)						
KEY ENVIRONMENTAL PARAMETERS					Oct. -2024 to Dec . - 2024	
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	28.83		30.20	
	PM ₁₀	100	69.84		58.29	
	SO ₂	80	7.59		6.42	
	NO ₂	80	9.80		8.25	
Monitored Parameters	Permissible Limits (µg/m³)			Monitoring Locations -BUFFER ZONE		
				Charlia Gadia Village		Karunda Village
	PM _{2,5}	60	31.33		27.63	
	PM ₁₀	100	61.36		55.53	
	SO ₂	80	7.03		6.43	
	NO ₂	80	8.48		8.22	
2.2	Vibration due to Blasting (Max Value of the Quarter)					
	Peak Particle velocity at 2.254 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	Cumulative	Remarks
No. of Trees Planted	79711	20	3755	15	83501.00	
Area (Hect.) under Plantation	32.64				32.64	