

JK CEMENT LIMITED						
(Unit: JK Cement Works- Nimbahera)						
Ahipura Limestone Mine (M.L. Area 403.1875 Ha.)						
KEY ENVIRONMENTAL PARAMETERS					April-2025 to June - 2025	
1	STATIC INFORMATION (Physical Data)					
1.1	M.L.No.		02/97			
1.2	Area		403.1875 (Ha)			
1.3	Lease Validity		31.03.2030			
1.4	Date of Commissioning of Mines		30.12.1967			
1.5	Production		0.8609			
2	DYNAMIC PARAMETER					
2.1	Ambient Air Quality					
Monitored Parameters	Permissible Limits (µg/m³)	Monitoring Locations -CORE ZONE				
		Ahipura Block		Murlia Block		
		Near water pump house	Near Mine Office	Near Ravana Office	Near Mine Office	
PM _{2.5}	60	30.2	41.9	30.46	34.10	
PM ₁₀	100	65.9	74.1	65.15	66.2	
SO ₂	80	9.1	8.8	6.91	7.4	
NO ₂	80	12.2	12.5	11.8	11.9	
Monitored Parameters	Permissible Limits (µg/m³)	Monitoring Locations -BUFFER ZONE				
		Murlia Village		Ahipura Village		
		36.20		36.6		
PM _{2.5}	60	36.20		36.6		
PM ₁₀	100	65.7		58.5		
SO ₂	80	7.8		7.3		
NO ₂	80	10.8		10.9		
2.2	Vibration due to Blasting (Max Value of the Quarter)					
	Peak Particle velocity at 2.504 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	7.66	58	3.2	19.2	137.6	
2.4	Greenbelt / Plantation (As on date)					
Year	upto 2024-25	April 2025 to June 2025			Cumulative	Remarks
No. of Trees Planted	325886.00	Nil			325886.00	-
Area (Hect.) under Plantation	78.34				78.34	