

JK CEMENT LIMITED							
(Unit: JK Cement Works- Nimbahera)							
Ahipura Limestone Mine (M.L. Area 403.1875 Ha.)							
KEY ENVIRONMENTAL PARAMETERS						Jan. -2025 to Mar. - 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			
				Near water pump house		Near Mine Office (Ahipura Block)	
PM _{2.5}	60			28.48		32.09	
PM ₁₀	100			75.04		65.25	
SO ₂	80			9.76		7.95	
NO ₂	80			12.27		11.66	
Monitored Parameters	Permissible Limits (µg/m³)			Monitoring Locations -BUFFER ZONE			
				Murlia Village		Ahipura Village	
PM _{2.5}	60			31.29		35.27	
PM ₁₀	100			56.91		57.93	
SO ₂	80			7.19		7.43	
NO ₂	80			9.07		9.04	
2.2	Vibration due to Blasting (Max Value of the Quarter)						
	Peak Particle velocity at 3.484 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	7.67	62	3.2	20.4		129	
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	320798	30	5018	18	22	325886.00	
Area (Hect.) under Plantation	78.34					78.34	