

JK CEMENT LIMITED (Unit: JK Cement Works- Nimbahera) Ahirpura Limestone Mine (M.L. Area 403.1875 Ha.)										
KEY ENVIRONMENTAL PARAMETERS				October - 2025 to December - 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								
		Ahirpura Block		Murlia Block						
PM _{2.5}	60	32.7	47.8	33.9	33.9					
PM ₁₀	100	65	68.1	64.7	68					
SO ₂	80	6.2	5.7	8.6	5.7					
NO ₂	80	10.3	15.7	16.8	6.40					
Monitored Parameters	Permissible Limits (µg/m³)	Monitoring Locations -BUFFER ZONE								
		Murlia Village	Ahirpura Village							
PM _{2.5}	60	30.30	29.50							
PM ₁₀	100	64.5	61.8							
SO ₂	80	6.1	4.7							
NO ₂	80	16.6	12.4							
2.2	Vibration due to Blasting (Max Value of the Quarter)									
	Peak Particle velocity at 2.137 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	7.56	44	1.8	25	158					
2.4	Greenbelt / Plantation (As on date)									
Year	upto 2024-25	Upto September 2025			October to December 2025	Cumulative Remarks				
No. of Trees Planted	325886.00	1045			0	326931.00 -				
Area (Hect.) under Plantation	78.34			0	78.34					