

JK CEMENT LIMITED				
(Unit: JK Cement Works- Nimbahera)				
Nayagaon & Chenpura Limestone Mine (M.L. Area 206.354 Ha.)				
KEY ENVIRONMENTAL PARAMETERS				April-2025 to June - 2025
1	STATIC INFORMATION (Physical Data)			
1.1	M.L.No.		1538	
1.2	Area		206.354 (Ha)	
1.3	Lease Validity		50 year	
1.4	Date of Commissioning of Mines		11.08.2023	
1.5	Production		2.502 Million Tonnes/Annum (ROM)	
2	DYNAMIC PARAMETER			
2.1	Ambient Air Quality			
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -CORE ZONE	
			Near Mine Office	
PM _{2.5}	60		32.6	
PM ₁₀	100		65.1	
SO ₂	80		5.4	
NO ₂	80		19.4	
Monitored Parameters	Permissible Limits (µg/m³)		Monitoring Locations -BUFFER ZONE	
			Near Gandhi Colony -Nayagaon	
PM _{2.5}	60		26.9	
PM ₁₀	100		54.1	
SO ₂	80		8.8	
NO ₂	80		12.7	
2.2	Vibration due to Blasting (Max Value of the Quarter)			
	Peak Particle velocity at 5.633 mm/Second			
2.3	Quality of Discharge Water			
Parameters	pH	TSS (mg/l)	O & G (mg/l)	BOD (mg/l)
Actual Value	NA	NA	NA	NA
2.4	Greenbelt / Plantation (As on date)			
Year	upto 2024-25	April 2025 to June 2025		Cumulative
No. of Trees Planted	6022.00	1000		7022.00
Area (Hect.) under Plantation	4.7			4.70