

| JK CEMENT LIMITED | | | | | | |
|--|---|--|-------------------------|---------------------------------|-------------------------|----------------|
| (Unit: JK Cement Works- Nimbahera) | | | | | | |
| Ahirpura Limestone Mine (M.L. Area 403.1875 Ha.) | | | | | | |
| KEY ENVIRONMENTAL PARAMETERS | | | | July - 2025 to September - 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 | | |
| | | Near water pump house | Near Mine Office | Near Ravana Office | Near Mine Office | |
| PM _{2.5} | 60 | 15.1 | 17.2 | 20.8 | 14.8 | |
| PM ₁₀ | 100 | 34 | 37.1 | 44.4 | 38 | |
| SO ₂ | 80 | 5.5 | 6.2 | 9.3 | 3.3 | |
| NO ₂ | 80 | 11.7 | 13.9 | 17.6 | 8.20 | |
| Monitored Parameters | Permissible Limits (µg/m³) | Monitoring Locations -BUFFER ZONE | | | | |
| | | Murlia Village | Ahirpura Village | | | |
| PM _{2.5} | 60 | 15.90 | 18.50 | | | |
| PM ₁₀ | 100 | 36.2 | 41.6 | | | |
| SO ₂ | 80 | 3.8 | 5.2 | | | |
| NO ₂ | 80 | 13.6 | 13.9 | | | |
| 2.2 | Vibration due to Blasting (Max Value of the Quarter) | | | | | |
| | Peak Particle velocity at 2.159 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 | 7.71 | 38 | 2.2 | 22 | 132 | |
| 2.4 | Greenbelt / Plantation (As on date) | | | | | |
| Year | upto 2024-25 | April 2025 to June 2025 | | July to September 2025 | Cumulative | Remarks |
| No. of Trees Planted | 325886.00 | Nil | | 1045 | 326931.00 | - |
| Area (Hect.) under Plantation | | 78.34 | | | 78.34 | |