

JKC/MGRL/ENV/2025-26/176

Date: 28/05/2026

To,

The Integrated Regional Office (IRO),

Ministry of Environment, Forest and Climate Change (MoEFCC)

A-209&218, 'Aranya Bhawan

Mahatma Gandhi Road

Jhalana Institutional Area, Jaipur (Raj.) - 304002

Sub: Submission of Six- monthly Environment Clearance Compliance report for Expansion of Clinker and Cement production, captive power plant and WHRS of M/s J.K. Cement Works, Village- Mangrol, Tehsil- Nimbahera District – Chittorgarh (Raj.)

Ref.: EC Letter no.- J-11011/267/2013-IA. II(I) dated 8th September 2016 & amendment dt.08.03.2019.

Dear Sir,

Please be Informed that with reference to the above subject, we J.K.Cement works, Mangrol located at Village Mangrol, Tehsil Nimbahera, District Chittorgarh, State Rajasthan here with submit the Six-Monthly environmental clearance condition wise compliance report for our Mangrol Plant Capacity “Clinker (2.90 MMTPA to 5.6 MMTPA) and Cement (3.54 MMTPA to 7.05 MMTPA) Capative Power Plant from 25 MW to 60 MW, and WHRB from 10 MW to 36 MW)” for the period of **October 2025-March 2026** to your good office.

As per MoEF & CC notification no. S.O. 5845 (E) 26.11.2018 the soft copy of same has been sent through email to iro.jaipur-mefcc@gov.in, cpm.rpcb@gmail.com & ro.chittorgarh@gmail.com .

This is for your information and records purpose.

Thanking you.

Your faithfully

For J.K. Cement Works, Mangrol



Manish Toshniwal

Unit Head (Operations)

Encl: Environment Clearance Condition wise compliance report for the period of October 2025 to March 2026.

Copy to:

1. The Regional Director, Central Pollution Control Board, Paryavaran Parisar, E-5, Area colony, Bhopal (M.P) 462016
2. The Member Secretary, Rajasthan State Pollution Control Board, Head office- Jaipur.
3. The Regional Officer- Rajasthan State Pollution Control Board, District- Chittorgarh (Raj.)

Corporate Office

- Prism Tower, 6th Floor, Ninaniya Estate, Gwal Pahari, Gurugram - 122102, Haryana
- 0124-6919000
- admin.padamtower@jkcement.com
- www.jkcement.com

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Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)



**Half Yearly Compliance Report
2026
01 Jun(01 Oct - 31 Mar)**

Acknowledgement

Proposal Name	Expansion of existing Clinker and Cement Manufacturing Capacity of M/s. J.K. Cement Works (2.90 MMTPA to 5.65 MMTPA of Clinker Production and 3.45 MMTPA to 7.05 MMTPA of Cement Production), Captive Power Plant from 25 to 60 MW by installation of an additional Coal Based Captive Power Plant of 35 MW and WHRB from 10 to 20 MW by installing an additional Waste Heat Recovery Boiler of 10 MW, at Village - Mangrol, Tehsil-Nimbahera, District - Chittorgarh, Rajasthan, and Integrated Cement Plant (Clinker 5.65 MTPA; Cement 7.05 MTPA; CPP 60 MW - Coal Based 35 MW and WHRB 20 MW) located at Village - Mangrol, Tehsil - Nimbahera, District - Chittorgarh, Rajasthan by M/s. J.K. Cement Works - Amendment in Environmental Clearance for Expansion of WHRB from 20 MW to 30 MW under the clause 7(ii) of EIA Notification, 2006																		
Name of Entity / Corporate Office	J.K. Cement Works, Mangrol, Cement Plant																		
Village(s)	N/A																		
District	CHITTORGARH																		
<table border="1"> <tr> <td>Proposal No.</td> <td>IA/RJ/IND/20196/ 2013</td> </tr> <tr> <td>Plot / Survey / Khasra No.</td> <td>N/A</td> </tr> <tr> <td>State</td> <td>RAJASTHAN</td> </tr> <tr> <td>MoEF File No.</td> <td>J-11011/267/2013-IA. II (I) dated. 08.09.2016 & Amendment dated 08.03.2019</td> </tr> </table>	Proposal No.	IA/RJ/IND/20196/ 2013	Plot / Survey / Khasra No.	N/A	State	RAJASTHAN	MoEF File No.	J-11011/267/2013-IA. II (I) dated. 08.09.2016 & Amendment dated 08.03.2019	<table border="1"> <tr> <td>Category</td> <td>Industrial Projects - 1</td> </tr> <tr> <td>Sub-District</td> <td>N/A</td> </tr> <tr> <td>Entity's PAN</td> <td>*****0355R</td> </tr> <tr> <td>Entity name as per PAN</td> <td>J K CEMENT LIMITED</td> </tr> </table>	Category	Industrial Projects - 1	Sub-District	N/A	Entity's PAN	*****0355R	Entity name as per PAN	J K CEMENT LIMITED		
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Sub-District	N/A																		
Entity's PAN	*****0355R																		
Entity name as per PAN	J K CEMENT LIMITED																		

Compliance Reporting Details

Reporting Year	2026
Remarks (if any)	Submitting herewith the Six Monthly EC Compliance Report for the period: OCTOBER 2025 to MARCH 2026 of Integrated Cement Plant (Clinker 5.65 MATA; Cement 7.05 MTPA; CPP 60 MW - Coal Based 35 MW and WHRB 30 MW) located at Village - Mangrol, Tehsil - Nimbahera, District - Chittorgarh, Rajasthan by M/s. J.K. Cement Works - Amendment in Environmental Clearance for Expansion of WHRB

from 20 MW to 30 MW
under the clause 7(ii) of
EIA Notification, 2006.

Reporting Period 01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office J.K. Cement Works, Mangrol, Cement Plant

	Project Area as per EC Granted	Actual Project Area in Possession
Private	149.42	149.42
Revenue Land	0	0
Forest	0	0
Others	N/A	N/A
Total	149.42	149.42

Others Area

Sr. no	Other Name	Area Granted	Area Actual
1	NA	NA	Na

Production Capacity

Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	WHRB (Electrical Generation)	MW	30/09/2029	36	21.45	39.1
2	CPP (Electricity Generation)	MW	31/03/2027	60	19.85	25
3	Clinker Production	Million Tons per Annum (MTPA)	30/09/2027	5.65	5.42	5.65
4	Cement Production	Million Tons per Annum (MTPA)	30/09/2027	7.05	3.043	7.05

Conditions

Specific Conditions

Sr.No.	Condition Type	Condition Details
1	AIR QUALITY MONITORING AND	The project proponent should install 24x7 air monitoring devices to monitor air emission, as provided by the CPCB and submit report to

	PRESERVATION	Ministry and its Regional Office.
<p>PPs Submission: Being Complied Air quality is monitored by four Continuous Air Quality Monitoring Stations (CAAQMS) installed around the facility. All resultant data is automatically and continuously transmitted to the CPCB/SPCB portal for compliance. Photographs attached as Annexure 1</p>		Date: 23/05/2026
2	AIR QUALITY MONITORING AND PRESERVATION	The Standard issued by the Ministry vide G.S.R. No. 612 (E) dated 25th August 2014 and subsequent amendment dated 9th May 2016 and 10th May 2016 regarding cement plant with respect to Particulate Matter, SO ₂ and NO _x shall be followed.
<p>PPs Submission: Being Complied Emissions of PM, SO₂, and NO_x from the major stacks are monitored continuously using Continuous Emission Monitoring Systems (CEMS). The data is transmitted in real-time to the CPCB and RSPCB portal.</p>		Date: 23/05/2026
3	AIR QUALITY MONITORING AND PRESERVATION	Continuous stack monitoring facilities to monitor gaseous emissions from process stacks shall be provided. After expansion, limit of PM shall be controlled to meet prescribed standards by installing adequate air pollution control viz. Electrostatic precipitators to clinker cooler, bag house to raw mill/kiln and bag filter to coal mill and cement mill. Low NO _x burner shall be provided to control NO _x emissions. Regular calibration of the instruments must be ensured.
<p>PPs Submission: Being Complied OCEMS system has been connected with all applicable stacks to monitor PM and gaseous parameter as per consent condition. The data is transmitted in real-time to the CPCB and RSPCB portal. Bag Houses/ESPs/ Bag Filters has been installed in all process stacks to effectively control emissions. Low NO_x burner and SNCR system has been installed to control NO_x emissions. Regular Calibration is been carried out and record for the same maintained.</p>		Date: 23/05/2026
4	ENERGY PRESERVATION MEASURES	Efforts shall be made to achieve power consumption of 70 units/ton for Portland Pozzolana Cement (PPC) and 95 units/tons for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
<p>PPs Submission: Being Complied The use of VFD and high efficiency motor greatly reduces power consumption and so power consumption of 70 units/ton for Portland Pozzolana Cement (PPC) and 95 units/tons for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker is followed.</p>		Date: 23/05/2026
5	AIR QUALITY MONITORING AND PRESERVATION	The National Air Quality Standards issued by the Ministry vide G.S.R. No. 826 (E) dated 16th November 2009 shall be followed.
<p>PPs Submission: Being Complied Ambient Air Quality Monitoring is being carried out by NABL approved lab and for the same Reports for the period from Oct 25 March 26 enclosed as Annexure 2.</p>		Date: 23/05/2026
6	AIR QUALITY MONITORING AND PRESERVATION	AAQ Modelling shall be carried out based on the specific mitigative measures taken in the existing project and proposed for the expansion project to keep the emissions well below prescribed standards.
<p>PPs Submission: Agreed to Comply Noted and agreed.</p>		Date: 23/05/2026

7	AIR QUALITY MONITORING AND PRESERVATION	Secondary fugitive emissions shall be controlled and shall be within the prescribed limits and regularly monitored. Guidelines/Code of Practice issued by the CPCB in this regard shall be followed.
<p>PPs Submission: Being Complied We have taken lots of mitigate actions to control fugitive dust emissions: 1. Total 134 Nos of Bag filters are installed at all material transfer points to control the emission. 2. Provided enclosures for all hoppers, thereby capturing dust at the source. 3. Raw materials, intermediates, and finished products are stored within covered sheds or storage silos. 4. To control ground-level dust, material handling areas are equipped with sprinkler systems/ tractor mounted sprinkling water tanker, and all transportation occurs on paved roads. 5. 5 Nos. of Road sweeping machines are running in operations to clean the road. Photographs and Fugitive emission monitoring report is enclosed Annexure 3.</p>		Date: 23/05/2026
8	AIR QUALITY MONITORING AND PRESERVATION	A statement on carbon budgeting including the quantum of equivalent CO ₂ being emitted by the existing plant operations, the amount of carbon sequestered annually by the existing green belt and the proposed green belt and the quantum of equivalent CO ₂ that will be emitted due to the proposed expansion shall be prepared by the project proponent and submitted to the Ministry and the Regional Office of the Ministry. This shall be prepared within a period of 6 Months and subsequently it should be prepared every year.
<p>PPs Submission: Being Complied The combined Gross Scope 1 and Scope 2 emissions is 565 kg CO₂ /tons cementitious material during the FY 2024-25 and the the quantum/amount of carbon sequestered annually by the existing green belt is under review. Additionally, we increase the use of sustainable alternatives like fly ash, and calcined clay to replace a portion of the clinker, which directly lowers the process-related CO₂ emissions per ton of cement. We have 29.1 MW Waste Heat recovery system installed at our plant to capture waste heat from the kiln and cooler processes to generate electricity, reducing reliance on external fossil fuel-based power. Replacing traditional fossil fuels (like coal) with alternative fuels and raw materials such as biomass, municipal solid waste (MSW), and industrial wastes. Increasing the share of renewable energy, 5.6 MW solar power plant is present in premises. Maintaining and expanding the existing and proposed green belt around the facility. This afforestation effort naturally sequesters CO₂ from the atmosphere, providing a vital carbon sink. As of now there is no any proposed expansion planned.</p>		Date: 23/05/2026
9	Human Health Environment	For the employees working in high temperature zones falling in the plant operation areas, the total shift duration would be 4 hrs. or less per day where the temperature is more than 50°C. Moreover, the jobs of these employees will be alternated in such a way that no employee is subjected to working in high temperature area for more than 1 hr. continuously. Such employees would be invariably provided with proper protective equipment's, garments, and gears such as head gear, clothing, gloves eye protection etc. There should also be an arrangement for sufficient drinking water at site to prevent dehydration etc.
<p>PPs Submission: Being Complied Noted and Agreed. Work in these high-temperature areas is strictly avoided during normal plant operations. Additionally, we provide mandatory and job specific PPEs to all concerned employees/workers. Sufficient drinking water is always available on-site to prevent dehydration.</p>		Date: 23/05/2026
10	AIR QUALITY MONITORING AND PRESERVATION	Arsenic and Mercury shall be monitored in emissions, ambient air, and water.
<p>PPs Submission: Being Complied Ambient and water quality including arsenic and mercury monitoring is being carried out by approved NABL and MoEF and CC accredited laboratories. Reports enclosed as Annexure 4.</p>		Date: 23/05/2026

11	AIR QUALITY MONITORING AND PRESERVATION	The coal yard shall be lined and covered.
PPs Submission: Being Complied Coal is stored in covered storage, Photograph attached as Annexure 5.		Date: 23/05/2026
12	Statutory compliance	The project proponent shall prepare a report on impact of project on surrounding reserve forest within six months and will get it approved from the State Forest Department. A copy of the conservation with the State Forest and Wildlife Department. A copy of the same should be submitted to the Ministry and its Regional Office.
PPs Submission: Complied A Combined Wildlife Conservation Plan (WLCP) has been prepared for 5 Nos. of captive Limestone Mines and 2 Nos. of Integrated Cement Plant of J K Cement Ltd located within 10 Km radius in Tehsil Nimbahera, Chittorgarh District. The Wildlife Conservation Plan has been forwarded by the DFO - Chittorgarh to Divisional Chief Conservator of Forest vide letter No.: F (5) Survey/UVS/2021-22/4089 dated 13.07.2021 with a total implementation cost of INR 285.30 lakhs for 10 years. The approved plan is being implemented by the State Forest Department. An amount of INR 57.07 Lakh has already been deposited to the Rajasthan Forest Department as per demand note issued by the DFO - Chittorgarh in July-2021.		Date: 23/05/2026
13	Statutory compliance	The project proponent shall take all precautionary measures for conservation and protection of wild fauna in the study area. A Wildlife Conservation Plan specific to this project site shall be prepared in consultation with State Forest and Wildlife Department. A copy of the Conservation plan shall be submitted to the Ministry and its Regional Office.
PPs Submission: Complied A Combined Wildlife Conservation Plan (WLCP) has been prepared for 5 Nos. of captive Limestone Mines and 2 Nos. of Integrated Cement Plant of J K Cement Ltd located within 10 Km radius in Tehsil Nimbahera, Chittorgarh District. The Wildlife Conservation Plan has been forwarded by the DFO - Chittorgarh to Divisional Chief Conservator of Forest vide letter No.: F (5) Survey/UVS/2021-22/4089 dated 13.07.2021 with a total implementation cost of INR 285.30 lakhs for 10 years. The approved plan is being implemented by the State Forest Department. An amount of INR 57.07 Lakh has already been deposited to the Rajasthan Forest Department as per demand note issued by the DFO - Chittorgarh in July-2021.		Date: 23/05/2026
14	Statutory compliance	The project proponent will also provide the latest status of the environment compliances in respect of its existing plant.
PPs Submission: Being Complied Half Yearly Compliance report is being submitted on Parivesh Portal and to all concerned departments as per guideline.		Date: 23/05/2026
15	AIR QUALITY MONITORING AND PRESERVATION	Efforts shall be made to reduce impact of the transport of the raw material and end products on the surrounding environment including agricultural land using conveyors/rail mode of transport wherever feasible. The company shall have separate truck parking area. Vehicular emissions shall be regularly monitored.
PPs Submission: Being Complied Extensive efforts are being undertaken to minimize the impact of raw material and end product transport such as, prioritizing and utilizing conveyors and rail modes of transport wherever technically and economically feasible to minimize road-based vehicular traffic and its associated impacts separate, designated truck parking area has been established. Vehicular emissions (PUC certificate) are regularly monitored. Photographs attached as Annexure 6.		Date: 23/05/2026

16	WATER QUALITY MONITORING AND PRESERVATION	Efforts shall be made to further reduce water consumption by using air cooled condensers. All the treated wastewaters shall be recycled and reused in the process and/or for dust suppression and green belt development and other plant related activities etc. No process wastewater shall be discharged outside the factory premises and 'zero' discharge shall be adopted.
PPs Submission: Complied Efforts are made to minimizing freshwater consumption, we have successfully implemented and installed Air Cooled Condensers across both the Captive Power Plant and WHRS. All treated effluent generated from the WHRS and CPP cooling circuits is fully recycled and reused. We are ensuring Zero Liquid Discharge condition. Photographs enclosed as Annexure 7.		Date: 23/05/2026
17	WATER QUALITY MONITORING AND PRESERVATION	Efforts shall be made to make use of rainwater harvested. If needed capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.
PPs Submission: Being Complied Maximum quantum of water is being utilized for Plant operations from own captive mines pit water and ensuring minimum use of the Groundwater as and when required. Additionally, construction of 16 artificial rainwater storage facilities (injection wells) and one artificial recharge pond across the colony and plant area also maintained. Photographs enclosed as Annexure- 8.		Date: 23/05/2026
18	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of influent and effluent surface, sub-surface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986.
PPs Submission: Being Complied We are maintaining ZLD conditions. Regular monitoring is being done from NABL and MOEF and CC approved lab for STP treated and WHRS and CPP treated effluent water. Reports enclosed as Annexure -9.		Date: 23/05/2026
19	WASTE MANAGEMENT	All the bag filter, raw mill dust, coal dust, clinker dust and cement dust from Pollution Control devices shall be recycled and reused in the process and used for cement manufacturing. Spent oil and batteries shall be sold to authorized recyclers/re-processors only.
PPs Submission: Being Complied Process dust like Raw mill, coal, clinker and cement from BFH, RABH, ESP etc are recycled in cement manufacturing. HW -Waste Oil are sold to recyclers and batteries returned to suppliers and registered recyclers		Date: 23/05/2026
20	WASTE MANAGEMENT	The kiln shall be provided with a flexible fuel feeding system to enable use of hazardous wastes and other wastes including biomass, etc.
PPs Submission: Being Complied An AFR feed system has been installed for the solid and liquid AFR feed. Photographs enclosed as Annexure 10		Date: 23/05/2026
21	WASTE MANAGEMENT	The proponent shall examine and prepare a plan for utilization of high calorific waste such as chemical waste, distillation residues, refuse derived fuels etc. as alternate fuels based on availability and composition. For this, the proponent shall identify suitable industries with such waste and enter an MOU for long-term utilization of such waste as per the Environment (protection) Rules, 1986 and with necessary approvals.

<p>PPs Submission: Being Complied Plan has been prepared and utilized high calorific waste in co-processing (as a AFR). Long term MOU has been done with generator for maximum utilization of waste as a AFR. Additionally, we have also taken authorization from RSPCB for co-processing of Hazardous waste.</p>		<p>Date: 23/05/2026</p>
22	WASTE MANAGEMENT	<p>Efforts shall be made to use the high calorific hazardous waste in the cement kiln and necessary provision shall be made accordingly. The PP shall enter an MOU with units with potential for generating hazardous waste and in accordance with Hazardous Waste Regulation and prior approval of the MPPCB.</p>
<p>PPs Submission: Being Complied We are already implementing the strategy of co-processing high-calorific hazardous waste. RSPCB has granted various HW/Other Waste Permits to the unit for use as a AFR in cement plants.</p>		<p>Date: 23/05/2026</p>
23	GREENBELT	<p>Green belt over 33% of the total project area shall be developed within plant premises with at least 10-meter-wide green belt on all sides along the periphery of the project area and along roadsides etc. by planting native and broad-leaved species in consultation with local DFO, local community and as per the CPCB guidelines.</p>
<p>PPs Submission: Being Complied More than 33 percent of total project area is already developed as greenbelt within plant premises. In FY 25-26 we have planted, 3851 new saplings plantation done in Plant and colony. Photographs attached as Annexure 11</p>		<p>Date: 23/05/2026</p>
24	ENERGY PRESERVATION MEASURES	<p>The project proponent shall provide for solar light system for all common areas, streetlight, village, and parking around project area and maintain the same regularly.</p>
<p>PPs Submission: Complied We have installed 5.6 MW capacity solar power plant in Plant and Colony area.</p>		<p>Date: 23/05/2026</p>
25	ENERGY PRESERVATION MEASURES	<p>The project proponent shall provide for LED light in their offices and residential areas.</p>
<p>PPs Submission: Complied We replaced the existing lighting in the office and living room with LED lighting.</p>		<p>Date: 23/05/2026</p>
26	Corporate Environmental Responsibility	<p>All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the Cement plants shall be implemented.</p>
<p>PPs Submission: Complied Recommendations made in the CREP for the Cement plants are fulfilled as below: 1. Total 134 Nos of Bag filters are installed at all material transfer points to control the emission. 2. Provided enclosures for all hoppers, thereby capturing dust at the source. 3. Raw materials, intermediates, and finished products are stored within covered sheds or storage silos. 4. To control ground-level dust, material handling areas are equipped with sprinkler systems/ tractor mounted sprinkling water tanker, and all transportation occurs on paved roads. 5. 5 Nos. of Road sweeping machines are running in operations to clean the road. 6. Fly ash handling is managed effectively.</p>		<p>Date: 23/05/2026</p>
27	Corporate Environmental Responsibility	<p>At least 2.5% of the total cost of the project shall be earmarked towards the Enterprise Social Commitment based on Public Hearing issues, locals need and items-wise details along with time bound action plan shall be prepared and submitted to the Ministry's Regional Office. Implementation of such program shall be ensured by constituting a Committee comprising of the proponent, representatives of village Panchayat and District Administration.</p>

		Action taken report in this regard shall be submitted to the Ministry's Regional Office.
PPs Submission: Complied Various activities have been done and an amount of 1.061 Cr expended as per public hearing and CER commitments. Photographs attached as Annexure 12		Date: 23/05/2026
28	Corporate Environmental Responsibility	In addition to the above provision of ESC, the proponent shall prepare a detailed CSR Plan for the next 5 years including annual physical and financial targets for the existing-cum-expansion project, which includes village-wise, sector-wise (Health, Education, Sanitation, Skill Development, and infrastructure etc.) activities in consultation with the local communities and administration. The CSR Plan will include the amount of 2% retain annual profits of previous 3 years towards CSR activities for life of the project. A separate budget head shall be created and the annual capital and revenue expenditure on various activities of the CSR Plan shall also be uploaded on the company website and shall also be provided in the Annual Report of the company.
PPs Submission: Being Complied Various activities such as for Health, Education, Livelihood, others etc. are carried out under CSR. In FY 25-26 we have expended Rs. 1.61 Lakhs that benefit society and address issues of public consultation. Annexure 13		Date: 29/05/2026
29	Risk Mitigation and Disaster Management	A Risk Assessment Study and Disaster Preparedness and Management Plan along with the mitigation measures shall be prepared with a focus of Disaster Prevention and a copy submitted to the Ministry's Regional Office, SPCB and CPCB within 3 months of issue of Environment Clearance letter.
PPs Submission: Complied An approved onsite contingency plan has been submitted to concerned authority.		Date: 23/05/2026
30	Human Health Environment	To educate the workers, all the workplaces where dust may cause a hazard shall be clearly indicated as a dust exposure area with display signs which identifies the hazard and the associated health effects.
PPs Submission: Complied The unit displayed environmental, health and safety slogans/messages in plant premises to increase awareness of the hazards and associated health implication. Photographs attached as Annexure 14.		Date: 23/05/2026
31	MISCELLANEOUS	Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structure to be removed after the completion of the project.
PPs Submission: Complied During construction, cooking fuel, portable toilets, clean drinking water, medical care and daycare were provided.		Date: 23/05/2026
32	MISCELLANEOUS	The Power Generation from waste heat recovery boiler shall be enhanced to 20MW to 36MW.
PPs Submission: Complied We have achieved the power generation from waste heat recovery boiler upto 29.1 MW. Additionally separate CTO has been granted for 10 MW.		Date: 23/05/2026

33	GREENBELT	The PP shall under take additional greenbelt development in 5 percent of the total area.
PPs Submission: Complied In recent monsoon season, 3851 new saplings plantation done in Plant including colony.		Date: 23/05/2026
34	MISCELLANEOUS	The PP shall construct 5 additional rainwater recharging pits.
PPs Submission: Complied We have Constructed 16 artificial rainwater storage facilities (injection wells) and 01 artificial ponds for groundwater recharge in the colony and plant.		Date: 29/05/2026
General Conditions		
Sr.No.	Condition Type	Condition Details
1	Statutory compliance	The Project authorities must strictly adhere to the stipulation made by the Rajasthan Pollution Control Board and the State Government.
PPs Submission: Complied We are to abide by the law and strictly comply with the RSPCB Regulation and its amendments.		Date: 23/05/2026
2	Statutory compliance	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forest and Climate Change (MoEF&CC).
PPs Submission: Complied In the event of a modification or expansion, we will inform the board beforehand and obtain approval accordingly.		Date: 23/05/2026
3	AIR QUALITY MONITORING AND PRESERVATION	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, PM2.5, SO2 and NOx are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to this Ministry including its Regional Office at Lucknow and the SPCB/CPCB once in Six months.
PPs Submission: Complied 4 Nos of ambient air quality monitoring stations has been installed to monitor PM10, PM2.5, SO2 and NOx. Regular monitoring is being done by NABL and MoEF and CC Lab and report is being submitted to SPCB/CPCB.		Date: 23/05/2026
4	WATER QUALITY MONITORING AND PRESERVATION	Industrial wastewater shall be properly collected, treated to conform to the standards prescribed under GSR 422 (E) dated 19th May 1993 and 31st December 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.
PPs Submission: Complied No wastewater generated from Cement manufacturing. Effluent water generated from CPP and WHRS after proper treatment is being used for dust suppression and other activities.		Date: 23/05/2026
5	Noise Monitoring & Prevention	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should conform to the standards prescribed under EPA Rules, 1989 viz. 75dBA (daytime) and 70 dBA (nighttime).

<p>PPs Submission: Complied Mufflers, acoustic hoods, enclosures, etc. are provided in areas where noise is generated, and personnel involved are provided with PPEs.</p>		<p>Date: 23/05/2026</p>
6	Human Health Environment	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
<p>PPs Submission: Complied Occupational medical surveillance of employees is carried out periodically as per factories act.</p>		<p>Date: 23/05/2026</p>
7	WATER QUALITY MONITORING AND PRESERVATION	The company shall develop rainwater harvesting structures to harvest the rainwater for utilization in the lean season besides recharging the ground water table.
<p>PPs Submission: Complied 16 No's of rainwater harvesting structures have already been developed. One recharge pond for the cement plant and colony.</p>		<p>Date: 23/05/2026</p>
8	Corporate Environmental Responsibility	The project proponent shall also comply with all the environment protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, education programmes, drinking water supply and health care etc.
<p>PPs Submission: Complied Various activities are carried out each year that benefit society and address issues of public consultation. BOTH CER and CSR</p>		<p>Date: 23/05/2026</p>
9	Corporate Environmental Responsibility	Requisite funds shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment, Forest, and Climate Change (MoEF&CC) as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Lucknow. The funds so provide shall not be diverted for any other purpose.
<p>PPs Submission: Complied Noted and Agreed.</p>		<p>Date: 23/05/2026</p>
10	Statutory compliance	A copy of clearance letter shall be sent by the proponent to concern Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body, and the local NGO, if any, from whom suggestion/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.
<p>PPs Submission: Complied The copy has been sent to the appropriate authorities and uploaded to the J K Cement Ltd company's website. The link of website is mentioned below: https://www.jkcement.com/environmental-compliance</p>		<p>Date: 23/05/2026</p>
11	AIR QUALITY MONITORING AND PRESERVATION	The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEFCC at Lucknow. The respective zonal Office of CPCB and the SPCB. The criteria pollutant levels namely, PM10, SO2, NOx

		(ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.
PPs Submission: Being Complied The criteria pollutant levels being displayed at the main gate of the company in the public domain. On the company website, the periodical reports are uploaded and sent to boards via email. Photographs attached as Annexure 15.		Date: 29/05/2026
12	Statutory compliance	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environment conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEFCC, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Lucknow/ CPCB/SPCB shall monitor the stipulated conditions.
PPs Submission: Complied Half Yearly Compliance report is being submitted on Parivesh Portal and to all concerned departments as per guideline		Date: 23/05/2026
13	Statutory compliance	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEFCC at Lucknow by e-mail.
PPs Submission: Complied Environment Statement Report of FY 2024-2025 has submitted vide letter no. JKCW/MGR/ESR/FY-24-25 DT 22-09-2025.		Date: 23/05/2026
14	Statutory compliance	The Project Proponent shall inform the public that the project has been accorded environment clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at website of the Ministry of Environment, Forest, and Climate Change (MoEF&CC) at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Lucknow.
PPs Submission: Complied The entity has published in two newspapers that the project has obtained an environmental permit from the MoEF and CC. Dainik Bhaskar from 2016/09/17 PATRIKA, RAJASTHAN From 17th September 2016.		Date: 23/05/2026
15	MISCELLANEOUS	Project authorities shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.
PPs Submission: Complied Noted and Agreed		Date: 23/05/2026

Visit Remarks

Last Site Visit Report Date:

N/A

Additional Remarks:

Note: This acknowledgement is as per the details submitted by project proponent. In no way is this document to be considered as conclusion on any action on the compliance of the project. This is strictly for the project proponent's reference purpose.



Continuous Ambient Air Quality Monitoring Station (CAAQMS)



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TEST REPORT

Sample Number:	JME/JKCMPI/A/01	Report No.:	JME/A/260214001
Name & Address of Unit:	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Format No.:	7.8 F-02
		Party Reference No.:	Nil
		Reporting Date:	18/02/2026
		Analysis Completion Date:	18/02/2026
		Analysis Start Date:	14/02/2026
		Receipt Date:	14/02/2026

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)	Mr. Ajay Sharma (Senior Manager- Environment)
Sample collected by	JMELPL Team
Sampling Location	Sushila Nagar Colony
Latitude	24° 41' 38" N
Longitude	74° 40' 31" E
Instrument used	RDS, FPS & BS
Instrument code	JME/RDS/02/05, JME/FPS/02/05 & JME/BS/01/03
Instrument Calibration Status	Calibrated
Scope of Monitoring	Regulatory Requirement
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	12/02/2026 to 13/02/2026
Time of Monitoring	10:45 to 10:41 Hrs.
Duration of Monitoring, (minutes)	1298.0
Ambient Temperature (°C)	Max 27°C, Min 15°C
Surrounding activity	Humans & Vehicular Activities
Control measure if Any	--
Sampling Protocol	JMELPL/STOP/04
Parameter Required	As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	23.4	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	0.65	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	BDL (DL 1.0)	ng/m ³	20 (Annual)

Page 1 of 2

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Ritika Saini

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CIN No.: U74220HR2011PTC085756

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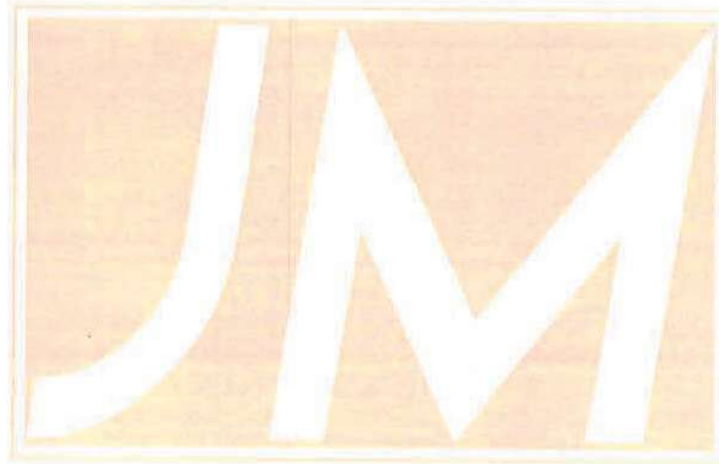
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E-mail: jmenvirolab@hotmail.com www.jmenvirolab.com

TEST REPORT

Sample Number: **JME/JKCMP/A/01**Report No.: **JME/A/260214001**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	21.7	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	18.9	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	64.5	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	37.6	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	8.4	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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Rishi
Checked by
Rishi Sami



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****End of Report****



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TEST REPORT

Sample Number: **JME/JKMP/A/02**
Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan**

Report No.: **JME/A/260214002**
Format No.: **7.8 F-02**
Party Reference No.: **Nil**
Reporting Date: **18/02/2026**
Analysis Completion Date: **18/02/2026**
Analysis Start Date: **14/02/2026**
Receipt Date: **14/02/2026**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)
Sample collected by
Sampling Location
Latitude
Longitude
Instrument used
Instrument code
Instrument Calibration Status
Scope of Monitoring
Meteorological condition during monitoring
Date of Monitoring
Time of Monitoring
Duration of Monitoring, (minutes)
Ambient Temperature (°C)
Surrounding activity
Control measure if Any
Sampling Protocol
Parameter Required

Mr. Ajay Sharma (Senior Manager- Environment)
JMELPL Team
Near HR Office L-02 Gate
24° 41' 24" N
74° 40' 32" E
RDS, FPS & BS
JME/RDS/02/05, JME/FPS/02/05 & JME/BS/01/03
Calibrated
Regulatory Requirement
Clear Sky
11/02/2026 to 12/02/2026
08:55 to 08:50 Hrs.
1379.0
Max 27°C, Min 13°C
Humans & Vehicular Activities
--
JMELPL/STOP/04
As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	20.5	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	0.67	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	BDL (DL 1.0)	ng/m ³	20 (Annual)

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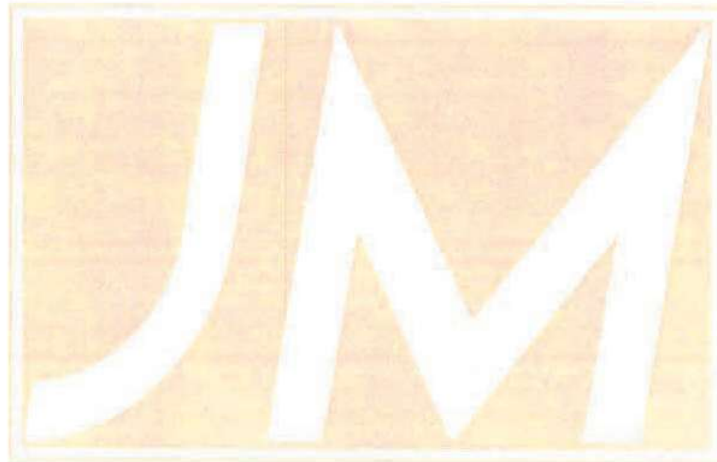
TEST REPORT

Sample Number: **JME/JKCMPI/A/02**

Report No.: **JME/A/260214002**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	27.1	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	17.5	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	69.4	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	36.2	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	13.5	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



Page 2 of 2

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TEST REPORT

Sample Number: **JME/JKMP/A/03**
Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan**

Report No.: **JME/A/260214003**
Format No.: **7.8 F-02**
Party Reference No.: **Nil**
Reporting Date: **18/02/2026**
Analysis Completion Date: **18/02/2026**
Analysis Start Date: **14/02/2026**
Receipt Date: **14/02/2026**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)
Sample collected by
Sampling Location
Latitude
Longitude
Instrument used
Instrument code
Instrument Calibration Status
Scope of Monitoring
Meteorological condition during monitoring
Date of Monitoring
Time of Monitoring
Duration of Monitoring, (minutes)
Ambient Temperature (°C)
Surrounding activity
Control measure if Any
Sampling Protocol
Parameter Required

Mr. Ajay Sharma (Senior Manager- Environment)
JMELPL Team
Near HR Office Line -1 Gate
24° 41' 56" N
74° 40' 59" E
RDS, FPS & BS
JME/RDS/01/09, JME/FPS/02/01 & JME/BS/01/07
Calibrated
Regulatory Requirement
Clear Sky
11/02/2026 to 12/02/2026
08:40 to 08:37 Hrs.
1384.0
Max 27°C, Min 13°C
Human & Vehicular Activities
--
JMELPL/STOP/04
As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	15.1	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	BDL (DL 0.5)	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	BDL (DL 1.0)	ng/m ³	20 (Annual)

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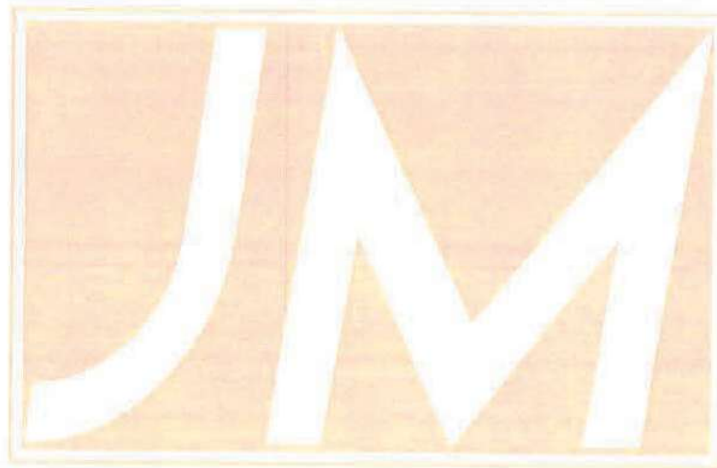
TEST REPORT

Sample Number: **JME/JKCMP/A/03**

Report No.: **JME/A/260214003**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	24.3	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	11.6	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	74.1	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	40.7	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	11.3	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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TEST REPORT

Sample Number: **JME/JKCMP/A/04**
Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan**

Report No.: **JME/A/260214004**
Format No.: **7.8 F-02**
Party Reference No.: **Nil**
Reporting Date: **18/02/2026**
Analysis Completion Date: **18/02/2026**
Analysis Start Date: **14/02/2026**
Receipt Date: **14/02/2026**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)
Sample collected by
Sampling Location
Latitude
Longitude
Instrument used
Instrument code
Instrument Calibration Status
Scope of Monitoring
Meteorological condition during monitoring
Date of Monitoring
Time of Monitoring
Duration of Monitoring, (minutes)
Ambient Temperature (°C)
Surrounding activity
Control measure if Any
Sampling Protocol
Parameter Required

Mr. Ajay Sharma (Senior Manager- Environment)
JMELPL Team
Near CPP
24° 41' 34" N
74° 41' 21" E
RDS, FPS & BS
JME/RDS/01/09, JME/FPS/02/01 & JME/BS/01/07
Calibrated
Regulatory Requirement
Clear Sky
12/02/2026 to 13/02/2026
11:05 to 11:00 Hrs.
1412.0
Max 27°C, Min 15°C
Near CPP Plant Operation & Vehicular Activities
--
JMELPL/STOP/04
As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	12.9	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	0.92	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	1.59	ng/m ³	20 (Annual)

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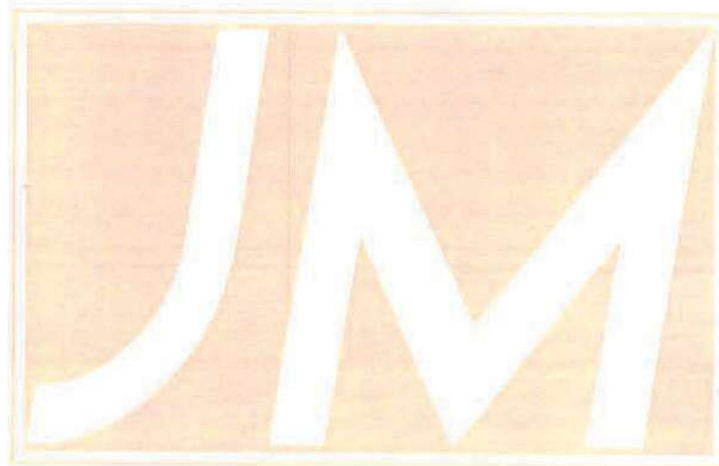
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TEST REPORT

Sample Number: **JME/JKCMP/A/04**Report No.: **JME/A/260214004**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	30.5	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	13.9	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	81.2	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	45.7	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	18.9	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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End of Report



TEST REPORT

Sample Number: **JME/JKCMP/A/01**
 Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan**

Report No.: **JME/A/251218001**
 Format No.: **7.8 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **22/12/2025**
 Analysis Completion Date: **22/12/2025**
 Analysis Start Date: **18/12/2025**
 Receipt Date: **18/12/2025**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

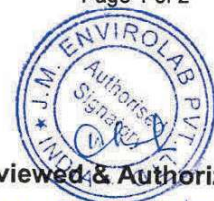
Client Representative (Name & Designation)
 Sample collected by
 Sampling Location
 Latitude
 Longitude
 Instrument used
 Instrument code
 Instrument Calibration Status
 Scope of Monitoring
 Meteorological condition during monitoring
 Date of Monitoring
 Time of Monitoring
 Duration of Monitoring, (minutes)
 Ambient Temperature (°C)
 Surrounding activity
 Control measure if Any
 Sampling Protocol
 Parameter Required

Mr. Ajay Sharma (Senior Manager- Environment)
JMELPL Team
Sushila Nagar Colony
24° 41' 38" N
74° 40' 31" E
RDS, FPS & BS
JME/RDS/01/09, JME/FPS/02/01 & JME/BS/01/07
Calibrated
Regulatory Requirement
Clear Sky
15/12/2025 to 16/12/2025
09:20 to 09:18 Hrs.
1234.0
Max 26°C, Min 11°C
Humans & Vehicular Activities
--
JMELPL/STOP/04
As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	21.6	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	0.59	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	BDL (DL 1.0)	ng/m ³	20 (Annual)


 Checked by
Deepak Singh Yadav


 Reviewed & Authorized by
Sita Ram Yadav

Note:

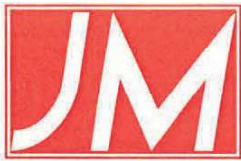
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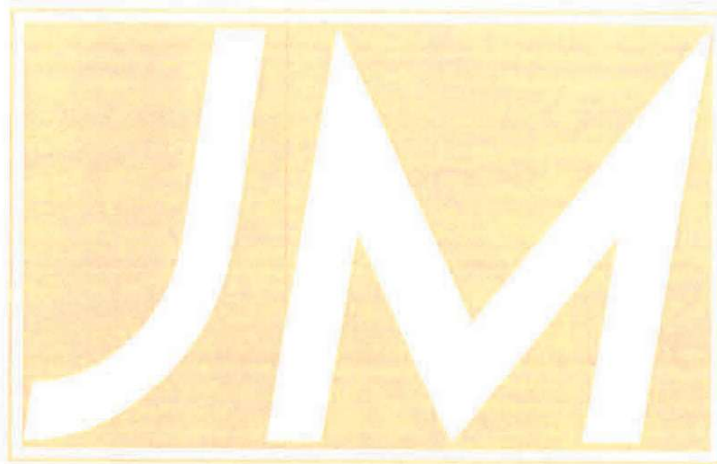
TEST REPORT

Sample Number: **JME/JKCMPI/A/01**

Report No.: **JME/A/251218001**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	19.5	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	13.1	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	67.8	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	32.4	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	6.7	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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****End of Report****



TEST REPORT

Sample Number: **JME/JKMP/A/02** Report No.: **JME/A/251218002**
 Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan** Format No.: **7.8 F-02**
 Party Reference No.: **Nil** Reporting Date: **22/12/2025**
 Analysis Completion Date: **22/12/2025** Analysis Start Date: **18/12/2025**
 Receipt Date: **18/12/2025**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)
 Sample collected by
 Sampling Location
 Latitude
 Longitude
 Instrument used
 Instrument code
 Instrument Calibration Status
 Scope of Monitoring
 Meteorological condition during monitoring
 Date of Monitoring
 Time of Monitoring
 Duration of Monitoring, (minutes)
 Ambient Temperature (°C)
 Surrounding activity
 Control measure if Any
 Sampling Protocol
 Parameter Required

Mr. Ajay Sharma (Senior Manager- Environment)
JMELPL Team
Near HR Office L-02 Gate
24° 41' 24" N
74° 40' 32" E
RDS, FPS & BS
JME/RDS/01/09, JME/FPS/02/01 & JME/BS/01/07
Calibrated
Regulatory Requirement
Clear Sky
16/12/2025 to 17/12/2025
11:45 to 11:44 Hrs.
1387.0
Max 26°C, Min 10°C
Humans & Vehicular Activities
--
JMELPL/STOP/04
As per work order


TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	15.9	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	0.63	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	BDL (DL 1.0)	ng/m ³	20 (Annual)

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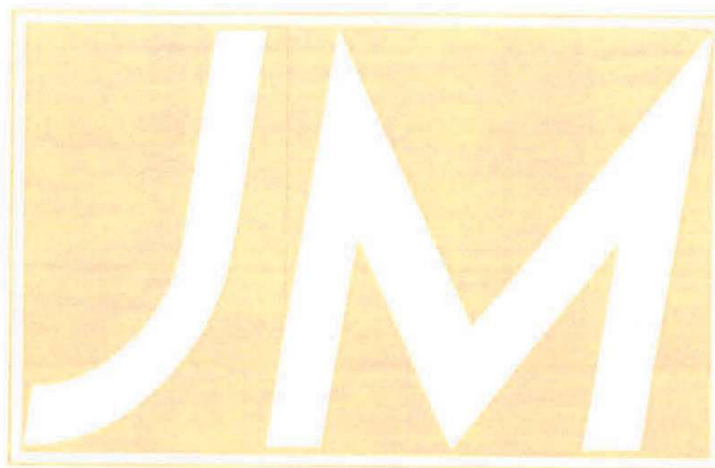
TEST REPORT

Sample Number: **JME/JKMP/A/02**

Report No.: **JME/A/251218002**

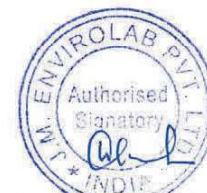
S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	24.2	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	14.6	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	83.2	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	39.1	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	10.3	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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End of Report



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TEST REPORT

Sample Number: **JME/JKMP/A/03**
 Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbaheera- 312617 District- Chittorgarh, Rajasthan**

Report No.: **JME/A/251218003**
 Format No.: **7.8 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **22/12/2025**
 Analysis Completion Date: **22/12/2025**
 Analysis Start Date: **18/12/2025**
 Receipt Date: **18/12/2025**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)
 Sample collected by
 Sampling Location
 Latitude
 Longitude
 Instrument used
 Instrument code
 Instrument Calibration Status
 Scope of Monitoring
 Meteorological condition during monitoring
 Date of Monitoring
 Time of Monitoring
 Duration of Monitoring, (minutes)
 Ambient Temperature (°C)
 Surrounding activity
 Control measure if Any
 Sampling Protocol
 Parameter Required

Mr. Ajay Sharma (Senior Manager- Environment)
JMELPL Team
Near HR Office Line -1 Gate
24° 41' 56" N
74° 40' 59" E
RDS, FPS & BS
JME/RDS/02/05, JME/FPS/02/05 & JME/BS/01/03
Calibrated
Regulatory Requirement
Clear Sky
15/12/2025 to 16/12/2025
10:05 to 10:08 Hrs.
1376.0
Max 26°C, Min 11°C
Human & Vehicular Activities
--
JMELPL/STOP/04
As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	12.6	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	BDL (DL 0.5)	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	BDL (DL 1.0)	ng/m ³	20 (Annual)

Page 1 of 2

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Note:

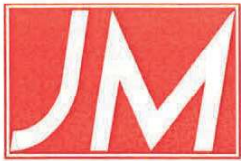
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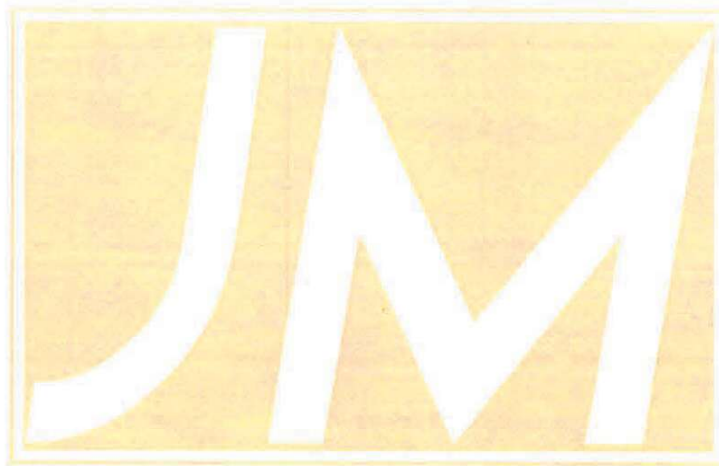
TEST REPORT

Sample Number: **JME/JKCMPI/A/03**

Report No.: **JME/A/251218003**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	21.8	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	9.4	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	78.5	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	34.5	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	8.7	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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TEST REPORT

Sample Number: **JME/JKCM/A/04**
 Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbaheera- 312617 District- Chittorgarh, Rajasthan**

Report No.: **JME/A/251218004**
 Format No.: **7.8 F-02**
 Party Reference No.: **Nil**
 Reporting Date: **22/12/2025**
 Analysis Completion Date: **22/12/2025**
 Analysis Start Date: **18/12/2025**
 Receipt Date: **18/12/2025**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)
 Sample collected by
 Sampling Location
 Latitude
 Longitude
 Instrument used
 Instrument code
 Instrument Calibration Status
 Scope of Monitoring
 Meteorological condition during monitoring
 Date of Monitoring
 Time of Monitoring
 Duration of Monitoring, (minutes)
 Ambient Temperature (°C)
 Surrounding activity
 Control measure if Any
 Sampling Protocol
 Parameter Required

Mr. Ajay Sharma (Senior Manager- Environment)
JMELPL Team
Near CPP
24° 41' 34" N
74° 41' 21" E
RDS, FPS & BS
JME/RDS/02/05, JME/FPS/02/05 & JME/BS/01/03
Calibrated
Regulatory Requirement
Clear Sky
16/12/2025 to 17/12/2025
12:10 to 12:11 Hrs.
1404.0
Max 26°C, Min 10°C
Near CPP Plant Operation & Vehicular Activities
-
JMELPL/STOP/04
As per work order


TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	11.6	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	0.83	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	1.38	ng/m ³	20 (Annual)

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Note:

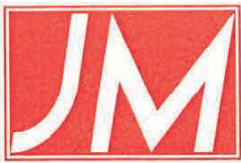
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TEST REPORT

Sample Number: **JME/JKCMPI/A/04**

Report No.: **JME/A/251218004**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	26.3	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	12.5	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	94.1	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	45.2	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	14.6	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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Dust suppression



Raw mill storage in CF silo



Raw material covered belt conveyer



Clinker Storage Silo



Bag filters installed at material transfer point




Road sweeping machines

CIN No. :U74220HR2011PTC085756

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TEST REPORT

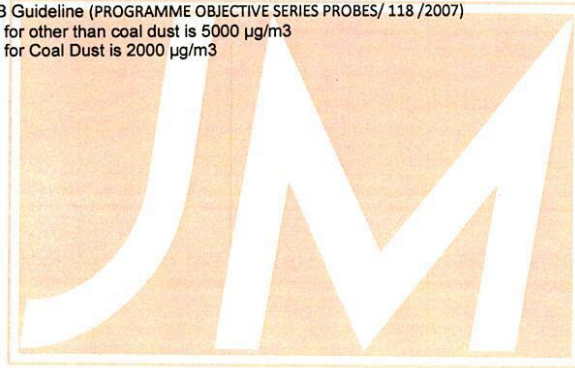
Name & Address of Unit:	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Report No.:	JME/FD/260214025
		Reporting Date:	17/02/2026
		Analysis Completion Date:	17/02/2026
		Analysis Start Date:	14/02/2026
		Receipt Date:	14/02/2026
Sample Description:	FUGITIVE EMISSION	Duration of Sampling:	4 hours
Sample Collected by:	JMELPL TEAM	Equipment Used:	HVS
Client Representative:	Mr. Ajay Sharma (Senior Manager- Environment)	Sampling Protocol:	JMELPL/STOP/04
		Testing Protocol:	JMELPL/STOP/03

TEST RESULTS

S. No.	Sampling Location	Date of Monitoring	SPM Conc. in $\mu\text{g}/\text{m}^3$
1.	Near Coal Yard L-02	12/02/2026	803.0

Note: As per CPCB Guideline (PROGRAMME OBJECTIVE SERIES PROBES/ 118 /2007)

1. Permissible limit for other than coal dust is 5000 $\mu\text{g}/\text{m}^3$
2. Permissible limit for Coal Dust is 2000 $\mu\text{g}/\text{m}^3$



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Ritika Sami



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TEST REPORT

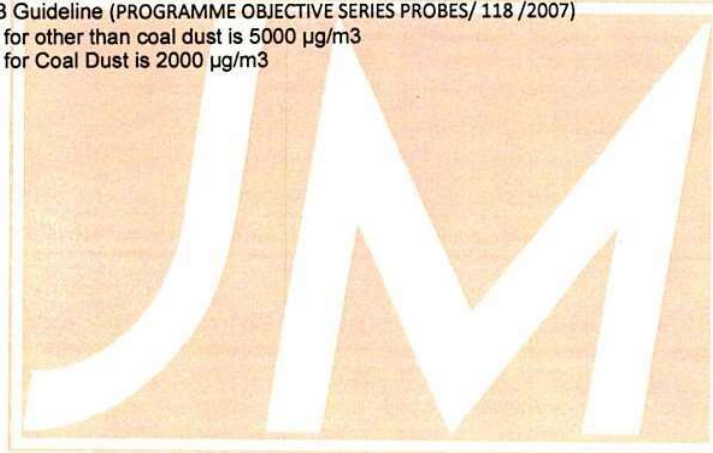
Name & Address of Unit:	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Report No.:	JME/FD/260214025
Sample Description:	FUGITIVE EMISSION	Reporting Date:	17/02/2026
Sample Collected by:	JMELPL TEAM	Analysis Completion Date:	17/02/2026
Client Representative:	Mr. Ajay Sharma (Senior Manager- Environment)	Analysis Start Date:	14/02/2026
		Receipt Date:	14/02/2026
		Duration of Sampling:	4 hours
		Equipment Used:	HVS
		Sampling Protocol:	JMELPL/STOP/04
		Testing Protocol:	JMELPL/STOP/03

TEST RESULTS

S. No.	Sampling Location	Date of Monitoring	SPM Conc. in $\mu\text{g}/\text{m}^3$
1.	Near Coal Yard L-02	12/02/2026	803.0

Note: As per CPCB Guideline (PROGRAMME OBJECTIVE SERIES PROBES/ 118 /2007)

1. Permissible limit for other than coal dust is 5000 $\mu\text{g}/\text{m}^3$
2. Permissible limit for Coal Dust is 2000 $\mu\text{g}/\text{m}^3$



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Ritika Sami
Checked by
Ritika Sami

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Sita Ram Yadav

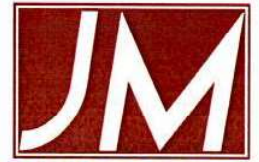
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TEST REPORT

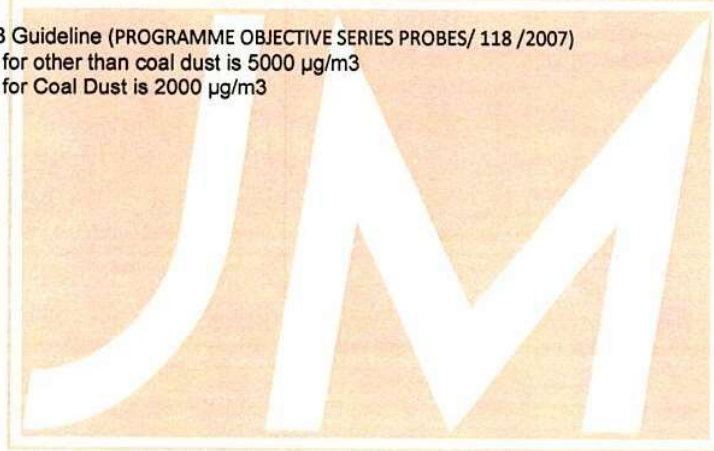
Name & Address of Unit:	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Report No.:	JME/FD/260214026
		Reporting Date:	17/02/2026
		Analysis Completion Date:	17/02/2026
		Analysis Start Date:	14/02/2026
		Receipt Date:	14/02/2026
Sample Description:	FUGITIVE EMISSION	Duration of Sampling:	4 hours
Sample Collected by:	JMELPL TEAM	Equipment Used:	HVS
Client Representative:	Mr. Ajay Sharma (Senior Manager- Environment)	Sampling Protocol:	JMELPL/STOP/04
		Testing Protocol:	JMELPL/STOP/03

TEST RESULTS

S. No.	Sampling Location	Date of Monitoring	SPM Conc. in $\mu\text{g}/\text{m}^3$
1.	Near Raw Material Handling Area	13/02/2026	934.0

Note: As per CPCB Guideline (PROGRAMME OBJECTIVE SERIES PROBES/ 118 /2007)

1. Permissible limit for other than coal dust is 5000 $\mu\text{g}/\text{m}^3$
2. Permissible limit for Coal Dust is 2000 $\mu\text{g}/\text{m}^3$



Page 1 of 1

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Ritika Saini

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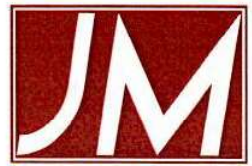
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TEST REPORT

Name & Address of Unit:	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Report No.:	JME/FD/260214024
		Reporting Date:	17/02/2026
		Analysis Completion Date:	17/02/2026
		Analysis Start Date:	14/02/2026
		Receipt Date:	14/02/2026
Sample Description:	FUGITIVE EMISSION	Duration of Sampling:	4 hours
Sample Collected by:	JMELPL TEAM	Equipment Used:	HVS
Client Representative:	Mr. Ajay Sharma (Senior Manager- Environment)	Sampling Protocol:	JMELPL/STOP/04
		Testing Protocol:	JMELPL/STOP/03

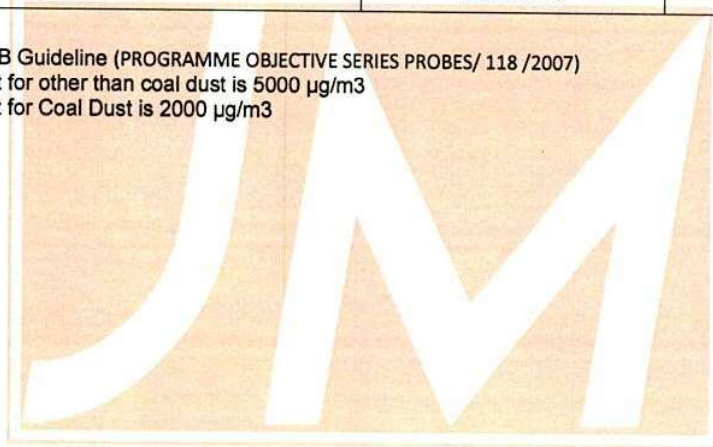
TEST RESULTS

S. No.	Sampling Location	Date of Monitoring	SPM Conc. in $\mu\text{g}/\text{m}^3$
1.	Near Packing Plant L-01	12/02/2026	1730.0

Note: As per CPCB Guideline (PROGRAMME OBJECTIVE SERIES PROBES/ 118 /2007)

1. Permissible limit for other than coal dust is 5000 $\mu\text{g}/\text{m}^3$
2. Permissible limit for Coal Dust is 2000 $\mu\text{g}/\text{m}^3$

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Sita Ram Yadav**Note:**

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TEST REPORT

Sample Number: **JME/JKMP/A/02** Report No.: **JME/A/260214002**
Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan** Format No.: **7.8 F-02**
Party Reference No.: **Nil** Reporting Date: **18/02/2026**
Analysis Completion Date: **18/02/2026** Analysis Start Date: **14/02/2026**
Receipt Date: **14/02/2026**

Sample Description: **AMBIENT AIR QUALITY MONITORING**

General Information

Client Representative (Name & Designation)	Mr. Ajay Sharma (Senior Manager- Environment)
Sample collected by	JMELPL Team
Sampling Location	Near HR Office L-02 Gate
Latitude	24° 41' 24" N
Longitude	74° 40' 32" E
Instrument used	RDS, FPS & BS
Instrument code	JME/RDS/02/05, JME/FPS/02/05 & JME/BS/01/03
Instrument Calibration Status	Calibrated
Scope of Monitoring	Regulatory Requirement
Meteorological condition during monitoring	Clear Sky
Date of Monitoring	11/02/2026 to 12/02/2026
Time of Monitoring	08:55 to 08:50 Hrs.
Duration of Monitoring, (minutes)	1379.0
Ambient Temperature (°C)	Max 27°C, Min 13°C
Surrounding activity	Humans & Vehicular Activities
Control measure if Any	--
Sampling Protocol	JMELPL/STOP/04
Parameter Required	As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
1.	Ammonia	IS: 5182, (Part-25)	20.5	µg/m ³	400 (24 hourly)
2.	Arsenic	JMELPL/STOP/03	BDL (DL 0.5)	ng/m ³	6 (Annual)
3.	Benzene	IS:5182, (Part-11)	BDL (DL 1.0)	µg/m ³	5 (Annual)
4.	Benzo (a) Pyrene	IS:5182, (Part-12)	BDL (DL 0.5)	ng/m ³	1 (Annual)
5.	Carbon Monoxide	IS: 5182, (Part-10)	0.67	mg/m ³	4 (1 hourly)
6.	Lead	IS: 5182, (Part-22)	BDL (DL 0.02)	µg/m ³	1 (24 hourly)
7.	Nickel	IS: 5182, (Part-26)	BDL (DL 1.0)	ng/m ³	20 (Annual)

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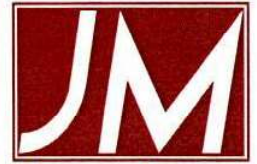


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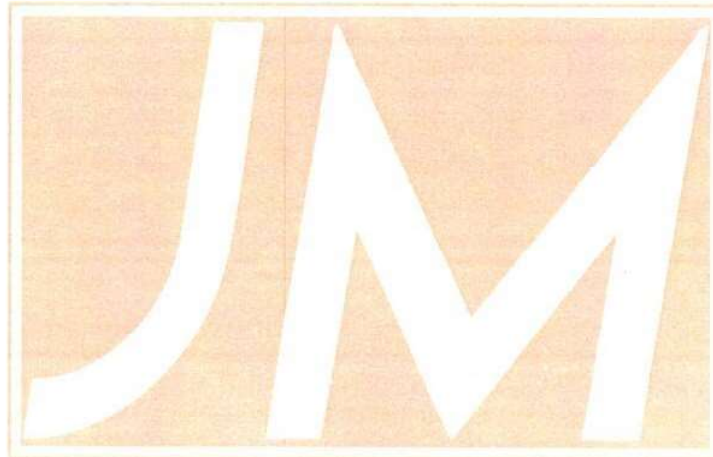
TEST REPORT

Sample Number: **JME/JKCMP/A/02**

Report No.: **JME/A/260214002**

S. No.	Test Parameter	Test Method	Result	Unit	NAAQS
8.	Nitrogen Dioxide (NO ₂)	IS: 5182, (Part-6)	27.1	µg/m ³	80 (24 hourly)
9.	Ozone	IS: 5182, (Part-9)	17.5	µg/m ³	180 (1 hourly)
10.	PM ₁₀	IS:5182, (Part-23)	69.4	µg/m ³	100 (24 hourly)
11.	PM _{2.5}	IS:5182, (Part-24)	36.2	µg/m ³	60 (24 hourly)
12.	Sulphur Dioxide (SO ₂)	IS: 5182, (Part-2) sec 1	13.5	µg/m ³	80 (24 hourly)

Note: NAAQS-National Ambient Air Quality Standards; Schedule-VII, [Rule 3 (3B)] [Part-II sec.-3(i)] 18.11.2009



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TEST REPORT

Sample Number: **JME/JKCMP/W/01**
Name & Address of Unit: **M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan**
Sample Description: **Ground Water**
Sample Location: **Borewell No. 06 (Near Solar Plant)**
Client Representative (Name & Designation): **Mr. Ajay Sharma (Senior Manager- Environment)**
Sample collected by: **JMELPL Team**
Parameter Required: **As per work order**
Packing Status: **Temporary Sealed**
Sampling Protocol: **JMELPL/STOP/04**

Report No.: **JME/W/260218001**
Format No.: **7.8 F-01**
Party Reference No.: **Nil**
Reporting Date: **24/02/2026**
Analysis Completion Date: **24/02/2026**
Analysis Start Date: **18/02/2026**
Receipt Date: **18/02/2026**
Sampling Date: **17/02/2026**
Sampling Type: **Grab**
Preservation: **Refrigerated**
Environmental condition during sampling: **Amb. Temp. 27.5°C; Clear Sky**
Sample Quantity: **Approx 5.0 Litre**

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	Specification as per IS 10500-2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
1.	pH (at 25 °C)	IS:3025 (Part-11)	7.19	-	6.5 to 8.5	No Relaxation
2.	Colour	IS:3025 (Part 4)	BDL (DL 1.0)	Hazen Unit	5	15
3.	Turbidity	IS:3025 (Part-10)	BDL (DL 1.0)	NTU	1	5
4.	Odour	IS:3025 (Part-5)	Agreeable	-	Agreeable	Agreeable
5.	Taste	IS:3025 (Part-8)	Agreeable	-	Agreeable	Agreeable
6.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	486.0	mg/l	200	600
7.	Calcium as Ca	IS:3025 (Part-40)	141.7	mg/l	75	200
8.	Total Alkalinity as CaCO ₃	IS:3025 (Part-23)	257.4	mg/l	200	600
9.	Chloride as Cl	IS:3025 (Part-32)	100.9	mg/l	250	1000
10.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.20)	mg/l	0.2	1.0
11.	Cyanide	IS:3025 (Part-27) sec 1	BDL (DL 0.02)	mg/l	0.05	No Relaxation
12.	Magnesium	IS:3025 (Part-46)	32.19	mg/l	30	100
13.	Total Dissolved Solid	IS:3025 (Part-16)	686.0	mg/l	500	2000
14.	Sulphate as SO ₄	APHA 24th Edition, 4500-SO ₄ -E	109.1	mg/l	200	400
15.	Fluoride as F	APHA 24th Edition, 4500-F- D	0.98	mg/l	1	1.5
16.	Nitrate Nitrogen (as NO ₃)	IS:3025 (Part-34) sec 1: Para 6.3, Cadmium reduction method	13.61	mg/l	45	No Relaxation
17.	Iron	IS:3025 (Part-53)	0.17	mg/l	1	No Relaxation
18.	Aluminium	IS:3025 (Part-55)	BDL (DL 0.03)	mg/l	0.03	0.2
19.	Boron	IS:3025 (Part-57)	BDL (DL 0.20)	mg/l	0.5	2.4

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CIN No. :U74220HR2011PTC085756

TEST REPORT

Sample Number **JME/JKCMP/W/01**

Report No.: **JME/W/260218001**

S. No.	Test Parameter	Test Method	Result	Unit	Specification as per IS 10500-2012	
					Requirement Acceptable Limit	Permissible Limit in the Absence of Alternate Source
20.	Phenols	APHA 24th Edition, 5530-Phenols-D, Direct Photometric	BDL (DL 0.001)	mg/l	0.001	0.002
21.	Anionic Surfactant	APHA 24th Edition, 5540-C	BDL (DL 0.02)	mg/l	0.2	1
22.	Hexa Chromium as Cr+6	IS:3025 (Part-52)	BDL (DL 0.03)	mg/l	--	--
23.	Zinc	IS:3025 (Part-49)	BDL (DL 0.1)	mg/l	5	15
24.	Copper	IS:3025 (Part-42)	BDL (DL 0.02)	mg/l	0.05	1.5
25.	Manganese	IS:3025 (Part-59)	BDL (DL 0.08)	mg/l	0.1	0.3
26.	Cadmium	IS:3025 (Part-41)	BDL (DL 0.002)	mg/l	0.003	No Relaxation
27.	Lead	IS:3025 (Part-47)	BDL (DL 0.008)	mg/l	0.01	No Relaxation
28.	Selenium	IS:3025 (Part-56)	BDL (DL 0.005)	mg/l	0.01	No Relaxation
29.	Arsenic	IS:3025 (Part-37)	BDL (DL 0.002)	mg/l	0.01	No Relaxation
30.	Mercury	IS:3025 (Part-48)	BDL (DL 0.001)	mg/l	0.001	No Relaxation

Note: BDL- Below Detection Limit, DL- Detection Limit

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Coal Storage



Conveyor Belt



Material Transportation by railway



Air Cooled Condenser Fan (ACC)



RAINWATER HARVESTING STRUCTURE (INJECTION WELL)



Mine Pit



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TEST REPORT

Sample Number	JME/JKCMP/WW/01	Report No.	JME/WW/260218001
Name & Address of Unit	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Format No.	7.8 F-01
Sample Description	WASTE WATER	Party Reference No.	Nil
Sampling Location	STP Inlet	Reporting Date	24/02/2026
Client Representative (Name & Designation)	Mr. Ajay Sharma (Senior Manager- Environment)	Analysis Completion Date	24/02/2026
Sample collected by	JMELPL Team	Analysis Start Date	18/02/2026
Latitude	----	Receipt Date	18/02/2026
Longitude	----	Sampling Date	17/02/2026
Sampling Protocol:	JMELPL/STOP/04	Sampling Type	Grab
		Preservation	Refrigerated
		Environmental Condition during Sampling:	Ambient Temp. 25°C; Clear Sky
		Sample Quantity	Approx. 3.0 Litre
		Parameter Required	As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	pH (at 25°C)	IS:3025 (Part-11)	7.27	-
2.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.20)	mg/l
3.	Chemical Oxygen Demand (COD)	IS:3025 (Part-58)	179.0	mg/l
4.	Bio chemical Oxygen demand (BOD) (3 Days at 27°C)	IS:3025 (Part-44)	42.0	mg/l
5.	Total Suspended Solids	IS:3025 (Part-17)	21.0	mg/l
6.	Oil and Grease	IS:3025 (Part-39)	BDL (DL 1.0)	mg/l
7.	Ammonical Nitrogen as NH ₃	IS:3025 (Part-34) Sec 1	16.0	mg/l
8.	Total Nitrogen as N	IS:3025 (Part-34)	27.1	mg/l
9.	Phosphate	APHA, 24th Edition 4500P-D	1.08	mg/l
10.	Sulphide	IS 3025 (Part-29)	BDL (DL 0.1)	mg/l

Note: BDL- Below Detection Limit, DL- Detection Limit

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TEST REPORT

Sample Number	JME/JKCMPL/WW/01	Report No.	JME/WW/260218001
Name & Address of Unit	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Format No.	7.8 F-01
Sample Description	WASTE WATER	Party Reference No.	Nil
Sampling Location	STP Inlet	Reporting Date	24/02/2026
Client Representative (Name & Designation)	Mr. Ajay Sharma (Senior Manager- Environment)	Analysis Completion Date	24/02/2026
Sample collected by	JMELPL Team	Analysis Start Date	18/02/2026
Latitude	----	Receipt Date	18/02/2026
Longitude	----	Sampling Date	17/02/2026
Sampling Protocol:	JMELPL/STOP/04	Sampling Type	Grab
		Preservation	Refrigerated
		Environmental Condition	Ambient Temp. 25°C;
		during Sampling:	Clear Sky
		Sample Quantity	Approx 250 ml
		Parameter Required	As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit
1.	Faecal Coliform	APHA, 24 th Edition 9221E:2023	220	MPN/100 ml

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TEST REPORT

Sample Number	JME/JKCMP/WW/02	Report No.	JME/WW/260218002
Name & Address of Unit	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Format No.	7.8 F-01
Sample Description	WASTE WATER	Party Reference No.	Nil
Sampling Location	Treated Water- STP Outlet	Reporting Date	24/02/2026
Client Representative (Name & Designation)	Mr. Ajay Sharma (Senior Manager- Environment)	Analysis Completion Date	24/02/2026
Sample collected by	JMELPL Team	Analysis Start Date	18/02/2026
Latitude	----	Receipt Date	18/02/2026
Longitude	----	Sampling Date	17/02/2026
Sampling Protocol:	JMELPL/STOP/04	Sampling Type	Grab
		Preservation	Refrigerated
		Environmental Condition during Sampling:	Ambient Temp. 25°C;
		Sample Quantity	Clear Sky
		Parameter Required	Approx. 3.0 Litre
			As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	Limit as per CTO
1.	pH (at 25°C)	IS:3025 (Part-11)	7.55	-	5.5 to 9.0
2.	Residual Chlorine	IS:3025 (Part-26)	BDL (DL 0.20)	mg/l	1
3.	Chemical Oxygen Demand (COD)	IS:3025 (Part-58)	31.0	mg/l	50
4.	Bio chemical Oxygen demand (BOD) (3 Days at 27°C)	IS:3025 (Part-44)	6.7	mg/l	10
5.	Total Suspended Solids	IS:3025 (Part-17)	13.6	mg/l	20
6.	Oil and Grease	IS:3025 (Part-39)	BDL (D 1.0)	mg/l	10
7.	Ammonical Nitrogen as NH ₃	IS:3025 (Part-34) Sec 1	1.08	mg/l	5
8.	Total Nitrogen	IS:3025 (Part-34)	5.57	mg/l	10
9.	Phosphate	APHA, 24th Edition 4500P-D	0.32	mg/l	-
10.	Sulphide	IS 3025 (Part-29)	BDL (DL 0.1)	mg/l	2

Note: BDL- Below Detection Limit, DL- Detection Limit

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TEST REPORT

Sample Number	JME/JKCMPL/WW/02	Report No.	JME/WW/260218002
Name & Address of Unit	M/s. J.K Cement Works, Mangrol (Unit- Cement Plant) Tehsil- Nimbahera- 312617 District- Chittorgarh, Rajasthan	Format No.	7.8 F-01
Sample Description	WASTE WATER	Party Reference No.	Nil
Sampling Location	Treated Water- STP Outlet	Reporting Date	24/02/2026
Client Representative (Name & Designation)	Mr. Ajay Sharma (Senior Manager- Environment)	Analysis Completion Date	24/02/2026
Sample collected by	JMELPL Team	Analysis Start Date	18/02/2026
Latitude	----	Receipt Date	18/02/2026
Longitude	----	Sampling Date	17/02/2026
Sampling Protocol:	JMELPL/STOP/04	Sampling Type	Grab
		Preservation	Refrigerated
		Environmental Condition during Sampling:	Ambient Temp. 25°C; Clear Sky
		Sample Quantity	Approx 250 ml
		Parameter Required	As per work order

TEST RESULTS

S. No.	Test Parameter	Test Method	Result	Unit	Limit as per CTO
1.	Faecal Coliform	APHA, 24 th Edition 9221E:2023	34	MPN/100 ml	100

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Checked by
Pallavi VermaReviewed & Authorized by
Vineet Kumar**Note:**

1. This test report pertains solely to the tested sample as received.
2. This report shall not be reproduced without in full.
3. Any discrepancies in this test report must be brought to our attention within 7 days from the date of issue.
4. The sample will be destroyed after the specified retention period unless prior instructions are received.
5. All disputes are subject to the exclusive jurisdiction of Gurugram only.





AFR Fuel Feeding



Green Belt Development

- CER activities photographs is given as below: -

<p>Evidences: -</p>	
<p>1. Environment & sustainability</p>	
<p>जे. के. सीमेंट वर्क्स, निम्बाहेड़ा व मांगरोल प्लांट एवं आर. एस. पी. सी. बी चित्तोडगढ़ टीम द्वारा ओजोन दिवस का आयोजन</p> <p>जन जागरण संदेश</p> <p>मोहन लाल चित्तोडगढ़। विषय ओजोन दिवस के अवसर पर जे. के. सीमेंट वर्क्स, निम्बाहेड़ा व मांगरोल प्लांट, आर. एस. पी. सी. बी चित्तोडगढ़ और सी एस आर टीम के सहयोग से फापर अरीसन और अग्नीया जोशी चाम पंचायती के राजकीय उच्च माध्यमिक विद्यालय के जागरण कार्यक्रम आयोजित किया गया। यह कार्यक्रम जे.के. सीमेंट के युनिट हेड नमोप लोनीवान और एचआर हेड प्रकाश मिश्रा के मार्गदर्शन में आयोजित किए गए। कार्यक्रम का उद्देश्य बच्चों को रोचक और सांकेतिक तरीके से जोड़ने हुए उन्हें ओजोन परत के महत्व के बारे में जागरूक करना था। इस दौरान जागरूकता सत्र, पोस्टर प्रतियोगिता, लिब्रेड लेखन प्रतियोगिता तथा प्रकाश मिश्रा के मार्गदर्शन में आयोजित किया गया, जिसमें विद्यार्थियों ने पूरे उत्साह से भाग लिया। उनके उत्तरों से यह स्पष्ट हुआ कि वे पर्यावरणीय विषयों और ओजोन संरक्षण की आवश्यकता को गहराई से समझते हैं। पोस्टर प्रतियोगिता, लिब्रेड लेखन प्रतियोगिता तथा प्रस्नोत्तरी स्तन प्राप्त छत्र छात्रों को प्रशंसा एवं आर एस पी सी बी चित्तोडगढ़ द्वारा उपस्थित कराए गए प्रशस्ति पत्र वितरण के साथ अनंदमय सहभागिता सत्र से समाप्त हुआ। उत्त में छात्रों को पीछे उपहार प्रदान किए गए, जो पर्यावरण संरक्षण और हरित भविष्य के प्रति हमारी सामूहिक जिम्मेदारी का प्रतीक हैं। यह कार्यक्रम न केवल जागरूकता फैलाने में सफल रहा बल्कि बच्चों को पर्यावरण की रक्षा के लिए छोटे-छोटे मूल्य महत्वपूर्ण काम करने के लिए प्रेरित भी किया। इस अवसर पर जे के सीमेंट के उत्कल विकास के वरिष्ठ प्रबन्धक योनीश दरमा, प्रबन्धक राजेश शर्मा, पर्यावरण विभाग के प्रमुख अजय शर्मा, प्रबन्धक माधुरी, ज्योतिष्क, सी एस आर प्रमुख राहुल कुमार एच आर टीम से लोकेश व आयुष जी आदि उपस्थित थे।</p>	
	
	

We have dedicated team for planning execution of combined CSR activities for Both Cement Plant (Nimbahera and Mangrol unit) and its associated mines, on the focus area of infrastructure, health, sanitation & water, women-empowerment, sports, education etc.

Area wise CSR activities with expenditure details for the period from April - 2025 to March - 2026 is given as below: -

Focus area	Beneficiaries reached		Expenditure (In Rs.)
	Direct	Indirect	CSR
Health	34070	28451	38,07,099
Education	3476	15904	74,63,287
Livelihood	56354	225416	31,83,770
Rural transformation	13559	30836	77,19,246
Environment & sustainability	17000	48000	5,28,701
Disaster relief & others	1700	800	1,20,621
Total	126159	349407	2,28,22,724

Evidences: -

1. Health



2. Education



3. Livelihood



4. Rural transformation



5. Environment & sustainability

जे. के. सीमेंट वर्क्स, निम्बाहेड़ा व मांगरोल प्लांट एवं आर. एस. पी. सी. बी चित्तोडगढ़ टीम द्वारा ओजोन दिवस का आयोजन

जन जागरण सदेश

मोहन ताल चित्तोडगढ़। विद्युत ओजोन दिवस के अवसर पर जे. के. सीमेंट वर्क्स, निम्बाहेड़ा व मांगरोल प्लांट, आर. एस. पी. सी. बी चित्तोडगढ़ और सी एस आर टीम के सहयोग से पावर अवरिशन और अपरिषा जोशी आम पंचायतों के राजकीय उच्च माध्यमिक विद्यालय में जागरण कार्यक्रम आयोजित किया गया। वह कार्यक्रम जे. के. सीमेंट के यूनिट हेड सनीष तोपनीवान और एच.आर हेड प्रकाश मिश्रा के मार्गदर्शन में आयोजित किए गए। कार्यक्रम का उद्देश्य बच्चों को रोचक और सार्विक तरीके से जोड़ने हुए उन्हें ओजोन परत के महत्व के



वारे में जागरण करना था। इस दौरान जागरणकर्ता सन, पोस्टर प्रतियोगिता, निबंध लेखन प्रतियोगिता तथा प्रश्नोत्तरी प्रतियोगिता का आयोजन किया गया, जिसमें विद्यार्थियों ने पूरे उत्साह से भाग लिया। उनके उत्तरों से यह स्पष्ट हुआ कि वे पर्यावरणीय विषयों और

वितरण के साथ आनंदमय सहभागिता सब से सम्मान हुआ। अंत में छात्रों को पीछे उपहार स्वयं प्रदान किए गए, जो पर्यावरण संरक्षण और हरित भविष्य के प्रति हमारी सामूहिक जिम्मेदारी का प्रतीक हैं। यह कार्यक्रम स केवल जागरणकर्ता फैलाने में सफल रहा बल्कि बच्चों को पर्यावरण की रक्षा के लिए छोटे-छोटे मगर महत्वपूर्ण कदम उठाने के लिए प्रेरित भी किया। इस अवसर पर जे के सीमेंट के वरिष्ठ विभाग के वरिष्ठ प्रबन्धक योगेश दत्तारा, प्रबन्धक राजेश शर्मा, पर्यावरण विभाग के प्रमुख अजय शर्मा, प्रबन्धक माधुरी, जैलिका, सी एस आर प्रमुख राहुल कुमार एच आर टीम से लोकेश व अन्य जे आरि उपस्थित थे।



6. Disaster relief & others





Safety Slogan



Display Board