

JKC/MGRL/ENV/2025-26/S.No.

Date: 19.05.2025

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 of J.K. Cement Works, Mangrol, Mangrol Limestone Mine (M.L. No. 26/08, ML area 132 Ha.)

Ref.: EC Letter no.- J-11015/427/2008-IA.II(M) dated 6th August 2010

Dear Sir,

Please be informed that with reference to the above subject, we **J.K.Cement works, Mnagrol** located at Village Mangrol, Tehsil Nimbahera, District Chittorgarh, State Rajasthan here with submit the Six-Monthly environmental clearance condition wise compliance report for the period of **October 2024-March 2025** for **Mangrol Limestone mine** to your good office.

As per MoEF & CC motification 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 2024 to March 2025.

Copy to:

1. The Regional Director, Central Pollution Control Board, Parvyavaran 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

JK SUPER
CEMENT
BUILD SAFE

Manufacturing Units at :

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)JK CEMENT
WallMaxX
White Cement Wall Putty

Form for Uploading Six Monthly Compliance Report
Proposal Details

Proposal No.	IA/RJ/MIN/8947/2008	Project Name	Mangrol Limestone Mining Project (ML No.: 26/08, Area 132 ha. of M/s. J.K. Cement Works, located in Village - Mangrol, Tehsil - Nimbahera, District Chittorgarh, Rajasthan (Limestone 1.5 MnTPA)
Category	A	MoEF File No.	J-11015/427/2008-IA. II (M) dated 06th August, 2010
Name of the Entity /Corporate Office*	M/s. J.K. Cement Works, Kailash Nagar, Nimbahera, District Chittorgarh-312617 (Rajasthan)		
Entity's PAN*	AABCJ0355R		
Entity Name as per PAN	J K CEMENT LIMITED.		

Compliance Letter/Report

Reporting Year*	2025	Reporting Period*	October 2024 to March 2025
Remarks (if any)	Submitting herewith the Six-Monthly EC Compliance Report for the period: October 2024 to March 2025 of Mangrol Limestone Mine (ML. No.: 26/08, Area 132.00 ha.) - Limestone Production - 1.5 MnTPA.		

Details of Production and Project Area

Date of Commencement of Project /Activity: *	13-06-2013	Project Area as Per EC Granted (In Case of Mine Lease): *	132.00 Ha.
Actual Project Area (In Case of Mine Lease): *	132.00 Ha.		

PRODUCTION CAPACITY

Name of the Product*	Units*	As per EC granted*	Production during FY: 2023-24*	Production during FY*: 2024-25
Cement Grade Limestone	Million TPA	1.500	0.1082545	0.23542088
Subgrade Limestone	Million TPA	-	0.00	0.00
Interstitial Clay/ Screen rejects/ Waste	Million TPA	-	0.00	0.00

Topsoil	Million TPA	-	0.00004	0.00
Total Excavation Quantity	Million TPA	1.500	0.1082945	0.23542088

Mangrol Limestone Mine (M.L. No.: 26/08, Area - 132.00 ha.) M/s. J. K. Cement Works, at Village - Mangrol, Tehsil - Nimbahera, District - Chittorgarh, Rajasthan-312617 EC Compliance Report for the period: October 2024 to March 2025					
Mangrol Limestone Mine (ML No.: 26/08, Area 132 ha., Limestone 1.5 MMTPA, Village-Mangrol, Tehsil-Nimbahera, District-Chittorgarh, Rajasthan)					
Environment Clearance vide No.: J-11015/427/2008-IA. II (M) dated 06th August, 2010					
A	SPECIFIC CONDITION				
S. No	Condition Type	Environmental Parameter	Description of Condition	Self-Declaration	Remarks/Reason
1	Specific Condition	Statutory Compliance	The project proponent shall obtain Consent to Establish and Consent to Operate from the Rajasthan State Pollution Control Board and effectively implement all the conditions stipulated therein.	Complied	Consent to operate has been obtained vide letter No: F(Mines)/Chittorgarh (Nimbahera)/1863(1)/2016-2017/6278-6282 dated 03-01-2024, valid up to 31.01.2029.
2	Specific Condition	Statutory Compliance	Environmental clearance is granted subject to outcome of Hon'ble Supreme Court of India in Contempt Petition (C) No.412/2004 in IA No. 833 in Writ Petition (C) No. 202 of 1995, as may be applicable to this project.	Agree	We are abiding by law
3	Specific Condition	Miscellaneous	The environmental clearance is subject to approval of the State Land Use Department, Government of Rajasthan for diversion of agricultural land for non-agricultural use.	Noted for Compliance	Private agriculture land is used only after diversion for non-agriculture use from state revenue department.
4	Specific Condition	Statutory Compliance	Necessary prior permission from the Competent Authority as may be applicable for use of grazing land for mining purpose shall be obtained.	Noted for Compliance	Permission for use of grazing land for mining purpose has been obtained from Revenue Department, Govt. of Rajasthan vide letter No.: Revenue/2011-12 dated 12/01/2012.

5	Specific Condition	Miscellaneous	The project proponent shall develop fodder plots in the non-mineralized area in lieu of use of grazing land	Noted for Compliance	Fodder plots are being developed in our purchased land having non-mineralized zone and are falling in our mines lease area.																																								
6	Specific Condition	Statutory Compliance	<p>The mining operations shall be restricted to above ground water table, and it should not intersect the groundwater table. In case of working below the ground water table, prior approval of the Ministry of Environment and Forests and the Central Ground Water Authority shall be obtained, for which a detailed hydro-geological study shall be carried out.</p>	Complied	<p>Currently, mining operations are not intersecting the ground water table. Mining is carried well above ground water table. However, in future if mining will be proposed working below the ground water table, prior approval of concerned authorities will be obtained.</p> <p>Water table will not be intersected during the conceptual phase/life of mine.</p> <p>Detail of the mine elevation ground water table and working level are given below.</p> <table><tr><th>S. No</th><th>Particulars</th><th>Levels (MSL)</th><th>BGL (m)</th></tr><tr><td>1.</td><td>Highest Elevation</td><td>440</td><td>-</td></tr><tr><td>2.</td><td>Lowest Elevation</td><td>432</td><td>-</td></tr><tr><td>3.</td><td>General Ground Level</td><td>435</td><td>-</td></tr><tr><td>4.</td><td>Water Table (Pre-Monsoon)</td><td>380-385</td><td>60</td></tr><tr><td>5.</td><td>Water Table (Post-Monsoon)</td><td>395</td><td>33</td></tr><tr><td>6.</td><td>Ultimate Pit Limit</td><td>395</td><td>56</td></tr><tr><td>7.</td><td>Present working depth pit 1</td><td>437-405</td><td>32</td></tr><tr><td>8.</td><td>Present working depth pit 2</td><td>-</td><td>-</td></tr><tr><td>9.</td><td>To be added</td><td></td><td></td></tr></table> <p>Source: - As per approved Modified Mining Plan with PMCP dated 03.01.2019.</p>	S. No	Particulars	Levels (MSL)	BGL (m)	1.	Highest Elevation	440	-	2.	Lowest Elevation	432	-	3.	General Ground Level	435	-	4.	Water Table (Pre-Monsoon)	380-385	60	5.	Water Table (Post-Monsoon)	395	33	6.	Ultimate Pit Limit	395	56	7.	Present working depth pit 1	437-405	32	8.	Present working depth pit 2	-	-	9.	To be added		
S. No	Particulars	Levels (MSL)	BGL (m)																																										
1.	Highest Elevation	440	-																																										
2.	Lowest Elevation	432	-																																										
3.	General Ground Level	435	-																																										
4.	Water Table (Pre-Monsoon)	380-385	60																																										
5.	Water Table (Post-Monsoon)	395	33																																										
6.	Ultimate Pit Limit	395	56																																										
7.	Present working depth pit 1	437-405	32																																										
8.	Present working depth pit 2	-	-																																										
9.	To be added																																												
7	Specific Condition	Statutory Compliance	The project proponent shall ensure that no natural watercourse and/or water resources are obstructed due to any mining operations	complied	No, Natural watercourses and/or water resources are obstructed due to mining operations. Also there is no modification or																																								

					diversion of existing natural drainage pattern is being done.
8	Specific Condition	Mining Plan	The topsoil shall temporarily be stored at earmarked site(s) only and it should not be kept unutilized for long. The topsoil shall be used for land reclamation and plantation	Complied	The top soil generated is being stored at earmarked site and are further used for plantation purpose.
9	Specific Condition	Waste Management	The waste generated during the mining operation shall be stacked at the earmarked site and reclaimed by the plantation. Monitoring and management of rehabilitated areas should continue until the vegetation becomes self-sustaining. Compliance status should be submitted to the Ministry of Environment & Forests and its Regional Office, Lucknow on six monthly basis.	Noted for Compliance	No waste/mineral tailings occurred between April 2024 to March 2024. Accumulated wastes and mineral wastes are piled up in a predetermined place and levelled and stabilized by planting.
10	Specific Condition	Mining Plan	The void left unfilled in the entire excavated area of 88.55 ha. shall be converted into water body. The higher benches of excavated void/mining pit shall be terraced, and plantation done to stabilize the slopes. The slope of higher benches shall be made gentler for easy accessibility by local people to use the water body. Peripheral fencing shall be carried out all along the excavated area.	Partially Complied	Whole excavated area will be used for collection of harvested rainwater. The entire excavated area will be properly fenced along the periphery and plantation will be done at the end of life of mine.
11	Specific Condition	Miscellaneous	Catch drains and siltation ponds of appropriate size shall be constructed for the working pit, temporary soil, mineral dumps, and waste dump(s) to arrest flow of silt and sediment directly into the agricultural fields, the Gambhiri dam, the Murlia reservoir, the Gambhiri river and other water bodies. The water so collected should be utilized for watering the mine area, roads, green belt development etc. Garland drains, settling tanks and check dams of appropriate size, gradient and length shall be constructed both around the mine pit and waste dump(s) to prevent run off of water and flow of sediments directly into the agricultural fields, the Gambhiri dam, the Murlia	Complied	Catch drains and siltation ponds of appropriate size is constructed around working pit to arrest silt and sediment. Also garland drains of appropriate size is constructed to prevent run off water and flow of sediments outside the mine lease area. The collected water is used for dust suppression.

			reservoir, the Gambhiri river and other water bodies and sump capacity should be designed keeping 50% safety margin over and above peak sudden rainfall (based on 50 years data) and maximum discharge in the area adjoining the mine site.		
12	Specific Condition	Miscellaneous	Dimension of the retaining wall at the toe of the waste dumps and the waste benches within the mine to check run-off and siltation should be based on the rain fall data.	Complied	Retaining wall around waste dump and waste benches around the mine has been constructed as per rainfall data of the locality to arrest the run off and siltation.

13	Specific Condition	Green Belt Development	Plantation shall be raised in an area of 14 ha including a 7.5 m wide green belt in the safety zone around the mining lease, reclaimed area, around water body, around waste dumps along the roads etc. by planting the native species in consultation with the local DFO/ Agriculture Department. The density of the trees should be around 1000 plants per ha. Greenbelt shall be developed all along the mine lease area in a phased manner and shall be completed within first five years.	Complied	Currently, 32,863 No. of plants are existing within the mine lease area. Native species are planted. Further in upcoming monsoon season more plantation is proposed within the mine lease area as per mining plan.
14	Specific Condition	Statutory Compliance	Effective safeguard measures, such as regular water sprinkling shall be carried out in critical areas prone to air pollution and having high levels of particulate matter such as around crushing and screening plant, loading, and unloading point and all transfer points. Extensive water sprinkling shall be carried out on haul roads. It should be ensured that the Ambient Air Quality parameters conform to the norms prescribed by the Central Pollution Control Board in this regard.	Complied	Regular water sprinkling done on the haul roads, loading and unloading point, transfer points by water tanker. Wet drilling system is practiced. Regular AAQ monitoring in core and buffer zone are being conducted and the results are well within the prescribed norms.
15	Specific Condition	Water Quality Management & Preservation	The project authority should implement suitable conservation measures to augment ground water resources in the area in consultation with the Regional Director, Central Ground Water Board.	Complied	Rainwater is being collected in mine pit and utilized in cement plant operation.

16	Specific Condition	Water Quality Management & Preservation	Regular monitoring of ground water level and quality shall be carried out in and around the mine lease by establishing a network of existing wells and installing new piezometers during the mining operation. The periodic monitoring [(at least four times in a year - pre-monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January); once in each season)] shall be carried out in consultation with the State Ground Water Board/Central Ground Water Authority and the data thus collected may be sent regularly to the Ministry of Environment and Forests and its Regional Office, Lucknow, the Central Ground Water Authority and the Regional Director, Central Ground Water Board. If at any stage, it is observed that the groundwater table is getting depleted due to the mining activity, necessary corrective measures shall be carried out.	Complied	As per mining plan, groundwater values are measured in the network of existing wells. 3 piezometers for periodical and one DWLR with a telemetry system for online monitoring of groundwater levels are already installed. Regular monitoring of Ground water quality is done quarterly and data collected is being sent to concerned departments.
17	Specific Condition	Water Quality Management & Preservation	Appropriate mitigative measures shall be taken to prevent pollution of the Gambhiri River and Murlia Dam in consultation with the State Pollution Control Board.	Noted for Compliance	Gambhiri dam and Murlia Reservoir are at a distance of 3.2 km (South East) and 3.4 (West) respectively. So, there is no impact or disturbance from the mining operations to nearby waterbodies. However preventive measures such as construction of retaining wall, garland drains to arrest run off and siltation are already taken.
18	Specific Condition	Water Quality Management & Preservation	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of ground water required for the project.	Complied	Ground water NOC has been obtained from CGWA vide Letter No.: CGWA/NOC/MIN/REN/3/2023/7879. Corrigendum vide letter No21-4/532/RJ/MIN/2012, dated 07/04/2023, valid up to 06/04/2025. Accordingly we have submitted application for renewal and the same is under process.
19	Specific Condition	Water Quality Management & Preservation	Suitable rainwater harvesting measures on long term basis shall be planned and implemented in	Complied	Rainwater harvesting is being done through mine pit water stored in lower most benches and constructed one recharge well & 02 Nos. of

			consultation with the Regional Director, Central Ground Water Board.		Check Dams to augment the water resources in the mines area
--	--	--	----------------------------------------------------------------------	--	-------------------------------------------------------------

Photographs of RWH Structures



20	Specific Condition	Miscellaneous	Vehicular emissions shall be kept under control and regularly monitored. Measures shall be taken for maintenance of vehicles used in mining operations and in transportation of mineral. The mineral transportation shall be carried out through the covered trucks only and the vehicles carrying the mineral shall not be overloaded.	Complied	Dump trucks used in mines are routinely tested for vehicle emissions every six months and are always kept below acceptable limits. The tippers are not being loaded above the rated capacity and are covered with tarpaulin cover while movement.
21	Specific Condition	Noise, Vibration Monitoring & Preservation	Controlled blasting shall be practiced. The mitigative measures for control of ground vibrations and to arrest fly rocks and boulders should be implemented.	Complied	A non-electrical delay detonator system is used during blasting. Regular monitoring of ground vibration is carried out. A lock breaker is used to avoid secondary explosions.
22	Specific Condition	Noise, Vibration Monitoring & Preservation	The project proponent shall take all mitigative measures during the mining operation to ensure that the buildings/structures in the nearby areas shall not be affected due to blasting.	Complied	No secondary blasting is being done during the mining operation. Oversized boulders are broken by use of Hydraulic Rock breaker.

23	Specific Condition	Air Quality Monitoring & Preservation	Drills shall either be operated with dust extractors or equipped with water injection system.	Complied	A water injection system is installed on the wagon drill to control dust at the source of generation.
24	Specific Condition	Air Quality Monitoring & Preservation	Mineral handling area shall be provided with the adequate number of high efficiency dust extraction system. Loading and unloading areas including all the transfer points should also have efficient dust control arrangements. These should be properly maintained and operated.	Complied	Haul road water sprinkling system and wet muck pile for loading the material is practiced
25	Specific Condition	Water Quality Management & Preservation	Sewage treatment plant shall be installed for the colony. ETP shall also be provided for the workshop and wastewater generated during the mining operation.	Complied	STP is installed in the colony. No industrial wastewater is generated from mines operations. The wastewater from Workshop (Pit followed by Oil separation tank) and the treated water is used for dust suppression.
26	Specific Condition	Human Health Environment	Pre-placement medical examination and periodical medical examination of the workers engaged in the project shall be carried out and records maintained. For the purpose, schedule of health examination of the workers should be drawn and followed accordingly.	Complied	Pre-placement initial medical examination of the workers is carried out and record is being maintained. The health check-up schedule is stipulated to be conducted once every five years for each employee
27	Specific Condition	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, mobile STP, safe drinking water, medical health care, crèche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Complied	No construction labour is being engaged. Also, most of the labours working are of nearby places and hence no housing facilities are required.
28	Specific Condition	Air Quality Monitoring & Preservation	The critical parameters such as RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NOx in the ambient air within the impact zone, peak particle velocity at 300 m distance or within the nearest habitation, whichever is closer shall be monitored periodically. Further, quality of discharged water shall also be monitored [(TDS, DO, PH and	Complied	The critical parameters such as RSPM and NOx in the ambient air are monitored periodically. Further, quality of treated water is also displayed as per Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests. Also reports for the same is enclosed.

			Total Suspended Solids (TSS)]. The monitored data shall be uploaded on the website of the company as well as displayed on the display board at the project site at a suitable location near the main gate of the Company in public domain. The Circular No. J-20012/1/2006-IA. II(M) dated 27.05.2009 issued by Ministry of Environment and Forests, which is available on the website of the Ministry www.envfor.nic.in shall also be referred in this regard for its compliance.		
29	Specific Condition	Mining Plan	A Final Mine Closure Plan along with details of Corpus Fund should be submitted to the Ministry of Environment and Forests 5 years in advance of final mine closure for approval.	Complied	Progressive Mine Closure Plan is prepared along with approved Mining plan. There is no plan of final mine closure in first five year of Mining Plan.
30	General Condition	Statutory Compliance	No change in mining technology and scope of working should be made without prior approval of the Ministry of Environment, Forest, and Climate Change.	Complied	There is no change in the technology and scope of work.
31	General Condition	Mining Plan	No change in the calendar plan including excavation, quantum of mineral limestone and waste should be made.	Complied	Mining is being done in accordance with approved Mining Plan.
32	General Condition	Biodiversity	Conservation measures for protection of flora and fauna in the core and buffer zone should be drawn up in consultation with the local forest and wildlife department and effectively implemented.	Complied	Integrated WLCP has been prepared for 5 Nos. of captive Limestone Mines and 2 Nos. of Integrated Cement Plant of J K Cement Ltd within 10 Km radius in Tehsil Nimbahera, Chittorgarh District.
33	General Condition	Air Quality Monitoring & Preservation	Four ambient air quality-monitoring stations should be established in the core zone as well as in the buffer zone for RSPM (Particulate matter with size less than 10 microns i.e., PM10) and NOx monitoring. Location of the stations should be decided based on the meteorological data, topographical features and environmentally and ecologically sensitive targets and frequency of monitoring should be undertaken in consultation with the State Pollution Control Board.	Complied	Ambient Air Quality Monitoring stations has been established in consultation with the State Pollution Control Board vide letter no. MGR/PC/28/1600 on dated 4/10/2013.

34	General Condition	Air Quality Monitoring & Preservation	Data on ambient air quality RSPM (Particulate matter with size less than 10 micron i.e., PM10) & NOx should be regularly submitted to the Ministry of Environment and Forests including its Regional Office located at Lucknow and the State Pollution Control Board/ Central Pollution Control Board once in six months.	Complied	Monitoring data is regularly being submitted to the concerned offices. Reports are also enclosed as annexure and is now being submitted with EC compliance for the period October 2024 to March 2025.
35	General Condition	Air Quality Monitoring & Preservation	Fugitive dust emissions from all the sources should be controlled regularly. Water spraying arrangement on haul roads, loading, and unloading and at transfer points should be provided and properly maintained.	Complied	Water sprinkling for haul roads, loading & unloading point and transfer points has been provided. Green belt developed in and around mine lease area to control fugitive dust emission.
36	General Condition	Noise, Vibration Monitoring & Preservation	Measures should be taken for control of noise levels below 85 dBA in the work environment. Workers engaged in operations of HEMM, etc. should be provided with ear plugs / muffs.	Complied	Regular maintenance of the HEMM is performed to keep noise levels within specified limits. Earplugs are provided to operators operating HEMMs.
37	General Condition	Water Quality Management & Preservation	Industrial wastewater (workshop and wastewater from the mine) should be properly collected, treated so as 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. Oil and grease trap should be installed before discharge of workshop effluents.	Complied	No industrial wastewater is generated during the operation of the mine, and wastewater from the workshop is collected (pit followed by Oil separation tank) and used for dust control.
39	General Condition	Human Health Environment	Personnel working in dusty areas should wear protective respiratory devices and they should also be provided with adequate training and information on safety and health aspects. Occupational health surveillance program of the workers should be undertaken periodically to observe any contractions due to exposure to dust and take corrective measures, if needed.	Complied	PPES are provided for all personnel working in dusty areas. Training and information on safety and health aspects is being provided. Occupational health surveillance program of the workers is undertaken periodically.
40	General Condition	Statutory Compliance	A separate environmental management cell with suitable qualified personnel should be set-up under	Complied	The Environmental Management Cell consists of qualified personnel who report directly to FH, UH and COH.

			the control of a Senior Executive, who will report directly to the Head of the Organization.		
41	General Condition	Corporate Environment Responsibility	The funds earmarked for environmental protection measures should be kept in separate account and should not be diverted for other purpose. Year wise expenditure should be reported to the Ministry of Environment and Forests and its Regional Office located at Lucknow.	Complied	The funds earmarked for environmental protection measures are kept in separate account and not be diverted for other purpose. 60.00 lakh spent during the FY 24- 25 towards the environmental protection measures .
42	General Condition	Miscellaneous	The project authorities should be informed to the Regional Office located at Lucknow regarding data of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.	Complied	The commercial date of production is 13.06.2013 of this mine, financial closures is same as proposed in EC and was informed to concerned offices.
43	General Condition	Statutory Compliance	The Regional Office of this Ministry located at Lucknow shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/ monitoring reports.	Noted for Compliance	Noted and will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/information/ monitoring reports.
44	General Condition	Statutory Compliance	The project proponent shall submit six monthly reports on the status of compliance of the stipulated environmental clearance conditions including results of monitored data (both in hard copies as well as by e-mail) to the Ministry of Environment and Forests, its Regional Office located at Lucknow, the respective Zonal Office of Central Pollution Control Board the State Pollution Control Board. The proponent shall upload the status of compliance of the environmental 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 Ministry of Environment and Forests, Lucknow, the respective Zonal Office of Central Pollution Control Board, and the State Pollution Control Board.	Complied	Six monthly compliance report is being regularly submitted through online portal on Parivesh and as well as in hard copies to respective departments. Also compliance of stipulated environmental conditions is uploaded on company website: https://www.jkcement.com/environmental-compliance

45	General Condition	Miscellaneous	A copy of the clearance letter shall be sent by the proponent to be concerned Panchayat, Zila Parishad, Municipal Corporation, Urban Local Body, and the Local NGO, if any, from whom suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the Company by the proponent.	Complied	Copies of the EC have been forwarded to the relevant authorities, Panchayat, Jira Parishad, local governments, and municipalities at the time of grant of EC. The EC letter is also published on our website public domain.
46	General Condition	Miscellaneous	The State Pollution Control Board should display a copy of the clearance letter at the Regional Office, District Industry Centre, and the Collector's Office/ Tehsildar's Office for 30 days	Not Applicable	Departmental Concern.
47	General Condition	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 clearance conditions and shall also be sent to the Regional Office of the Ministry of Environment and Forests, Lucknow by e-mail.	Complied	The Environmental Statement Report for financial year 2023-24 has been submitted on Vide 27th September 2024.
48	General Condition	Statutory Compliance	The project authorities should advertise at least in two local newspapers widely circulated, one of which shall be in the vernacular language of the locality concerned, within 7 days of the issue of the clearance letter informing that the project has been accorded environmental clearance and a copy of the clearance letter is available with the State Pollution Control Board and also at website of the Ministry of Environment and Forests at http://envfor.nic.in and a copy of the same should be forwarded to the Regional Office of this Ministry located at Lucknow.	Complied	Copy of clearance was already published in two local newspaper at the time of Grant of EC.



Report No.20250311044/A

ULR No. TC594125000001043F

Report Issue Date: 19.03.2025

TEST REPORT



1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/08:55AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Towards Factory Gate (Mangrol Mine)
9. Method of Sampling : IS: 5182(Part 23,2,6) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	25.8
2.	Relative Humidity	%	40

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	74.47	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	41.27	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	10.05	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	15.25	80

Tested By

Authorized Signatory

(Leena Sharma)
Chemist



(Amreesh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.





TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/08:55AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Towards Factory Gate (Mangrol Mine)
9. Method of Sampling : Instrument Manual


S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	25.8
2.	Relative Humidity	%	40

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.49	04 (1 hour)

Tested By

Authorized Signatory


(Leena Sharma)
Chemist




(Amresh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Report No.20250311045/A

ULR No. TC594125000001044F

Report Issue Date: 19.03.2025

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/09:10AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Near Ravana Office (Mangrol Mine)
9. Method of Sampling : IS: 5182(Part 23,2,6) & Instrument Manual



S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	26.6
2.	Relative Humidity	%	39

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	68.65	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	36.35	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	9.89	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	14.12	80

Tested By

Authorized Signatory

(Leena Sharma)
Chemist



(Amresh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.





Report No. 20250311045/B

Report Issue Date : - 19.03.2025

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbaheera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/09:10AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Near Ravana Office (Mangrol Mine)
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	26.6
2.	Relative Humidity	%	39

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.37	04 (1 hour)

Tested By

Authorized Signatory

Leena
(Leena Sharma)
Chemist



Amrisha Kumar
(Amrisha Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1

End of Report

Registered & Corporate Office :

"Wolkem House", E-101, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan-India

Phone : +91 294 2494600 - 02 E-mail : info@wolkem.com

CIN- U29299RJ1971PLC001379



Certificate No.
01130126322

Our Commitment.. Your Trust



Report No.20250311046/A

ULR No. TC594125000001045F

Report Issue Date: 19.03.2025

TEST REPORT



1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/09:30AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Tie Village (Mangrol)
9. Method of Sampling : IS: 5182(Part 23,2,6) & Instrument Manual

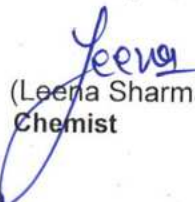
S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	26.8
2.	Relative Humidity	%	40

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	63.79	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	34.12	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	8.82	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	13.37	80

Tested By

Authorized Signatory


(Leena Sharma)
Chemist




(Amreesh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.



Report No. 20250311046/B

Report Issue Date: - 19.03.2025

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. - 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District - Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/09:30AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Tie Village (Mangrol)
9. Method of Sampling : Instrument Manual

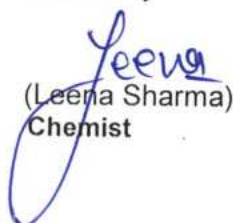
S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	26.8
2.	Relative Humidity	%	40

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.38	04 (1 hour)

Tested By

Authorized Signatory


(Leena Sharma)
Chemist




(Amresh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.



Report No.20250311047/A

ULR No. TC594125000001046F

Report Issue Date: 19.03.2025

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/09:50AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Mangrol Village
9. Method of Sampling : IS: 5182(Part 23,2,6) & Instrument Manual



S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.0
2.	Relative Humidity	%	39

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	59.32	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	31.53	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	8.70	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	13.76	80

Tested By

Authorized Signatory

(Leena Sharma)
Chemist



(Amreesh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.





Report No. 20250311047/B

Report Issue Date: - 19.03.2025

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/09:50AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Mangrol Village
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.0
2.	Relative Humidity	%	39

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.33	04 (1 hour)

Tested By

Authorized Signatory

Leena
(Leena Sharma)
Chemist



Amreesh Kumar
(Amreesh Kumar)
Dy.GM (Technical)

**Note**

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1
End of Report

Registered & Corporate Office :

"Wolkem House", E-101, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan-India

Phone : +91 294 2494600 - 02 E-mail : info@wolkem.com

CIN- U29299RJ1971PLC001379



OHSAS
Certificate No.
01130126322

Our Commitment.. Your Trust



Report No.20250311048/A

ULR No. TC594125000001047F

Report Issue Date: 19.03.2025

TEST REPORT



TC - 5941

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 460003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/10:20AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : 3-10 meter distance from drilling point of Mangrol Mine
9. Method of Sampling : IS: 5182(Part 2, 4, 6) & Instrument Manual

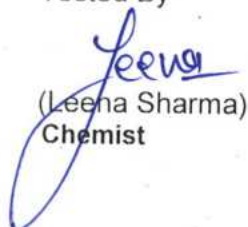
S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.3
2.	Relative Humidity	%	38

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	SO ₂	IS:5182 (Part-2)	µg/m ³	12.16	80
2.	NO ₂	IS:5182 (Part-6)	µg/m ³	18.07	80
3.	SPM	IS:5182 (Part-4)	µg/m ³	437.36	600

Tested By

Authorized Signatory


(Leena Sharma)
Chemist




(Amreesh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.



Report No. 20250311048/B

Report Issue Date: - 19.03.2025

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 460003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/10:20AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : 3-10 meter distance from drilling point of Mangrol Mine
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.3
2.	Relative Humidity	%	38

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.73	04 (1 hour)

Tested By

(Leena Sharma)
Chemist

Authorized Signatory

(Amreesh Kumar)
Dy.GM (Technical)

Note

1. Complaint Register is available in lab / Email ID amrish.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1
End of Report

Registered & Corporate Office :

"Wolkem House", E-101, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan-India
Phone : +91 294 2494600 - 02 E-mail : info@wolkem.com

CIN- U29299RJ1971PLC001379



OHSAS
Certificate No.
01130126322

Our Commitment.. Your Trust



Report No.20250311049/A

ULR No. TC594125000001048F

Report Issue Date: 19.03.2025

TEST REPORT



TC - 5941

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/10:30AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Near Loading point of Mangrol Mine
9. Method of Sampling : IS: 5182(Part 2, 4, 6) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.4
2.	Relative Humidity	%	38

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	SO ₂	IS:5182 (Part-2)	µg/m ³	10.16	80
2.	NO ₂	IS:5182 (Part-6)	µg/m ³	14.93	80
3.	SPM	IS:5182 (Part-4)	µg/m ³	418.51	600

Tested By

Authorized Signatory

Leena Sharma
(Leena Sharma)
Chemist



Amreesh Kumar
(Amreesh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.





Report No. 20250311049/B

Report Issue Date: - 19.03.2025

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600003316 Dated: - 04.07.2024
3. Date & Time of Monitoring : 08.03.2025/10:30AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 11.03.2025
7. Period of Analysis : 11.03.2025 to 18.03.2025
8. Name of Location : Near Loading point of Mangrol Mine
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.4
2.	Relative Humidity	%	38

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.57	04 (1 hour)

Tested By

Authorized Signatory

(Leena Sharma)
Chemist

(Amresh Kumar)
Dy.GM (Technical)

Note

1. Complaint Register is available in lab / Email ID amrish.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1
End of Report

Registered & Corporate Office :

"Wolkem House", E-101, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan-India
Phone : +91 294 2494600 - 02 E-mail : info@wolkem.com

CIN- U29299RJ1971PLC001379



OHSAS
Certificate No.
01130126322

Our Commitment.. Your Trust

ULR No.TC594125000001049F-1050

Report Issue Date: 19.03.2025



TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600003316 Dated: - 04.07.2024
3. Date of Monitoring : 08.03.2025
4. Sample Identification : Noise Monitoring
5. Condition of Sample : NA
6. Sample Received On : NA
7. Period of Analysis : NA
8. Test Methods Reference : IS: 9989– 1981 (Reaffirmed 2014)

Noise Level Monitoring Results

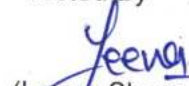
S. No	Station Point	Report No.	Sound pressure Level dB Day Time		Sound pressure Level dB Night Time	
			Maximum	Minimum	Maximum	Minimum
1.	Towards Factory Gate, Mangrol Mine	20250311050	68.1	59.4	57.4	47.6
2.	Near Ravana Office, Mangrol Mine	20250311051	58.4	50.1	52.3	45.1

CPCB Norms

S. No	Category of area	Day time dB 6.00 AM to 10.00PM	Night Time dB 10.00PM to 6.00am
1.	Industrial area	75.0	70.0
2.	Commercial area	65.0	55.0
3.	Residential area	55.0	45.0
4.	Silence area	50.0	40.0

Tested By

Authorized Signatory


(Leena Sharma)
Chemist




(Amresh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1
End of Report



Accredited as per ISO/IEC 17025, Recognised by MoEF&CC

Registered & Corporate Office:
"Wolkem House", E-101, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan- India
Phone : +91 294 2494600 - 02 E-mail : info@wolkem.com

CIN- U29299RJ1971PLC001379



Report No.20250214010

ULR No. TC594125000000574F

Report Issue Date: 24.02.2025

TEST REPORT



TC - 5941

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08,
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600007665 Dated: - 26.11.2024
3. Sample Identification : Ground water
4. Condition of Sample : Sealed/Ok
5. Date & Time of Sampling : 14.02.2025/02:50PM
6. Sample received on : 14.02.2025
7. Period of Analysis : 14.02.2025 to 24.02.2025
8. Name of Sample & Location : Potable & Domestic water
(Tubewell in Plantation Area Ground water)
9. Method of Sampling : IS:17614 (Pt 1) 2021

S. No	Environment Condition	Unit	Results
1.	Ambient Temperature	°C	24.1
2.	Relative Humidity	%	45

S. No.	Parameters	Test Method	Unit	Results	Limits :- IS-10500:2012	
					Acceptable	Permissible
Chemical – Water- Ground Water						
1.	pH (at 25°C)	IS:3025 (Part-11)	-	7.3	6.5 to 8.5	No Relaxation
2.	Conductivity (at 25°C)	IS:3025 (Part-14)	µs/cm	241.2	-	-
3.	Color	IS:3025 (Part-4)	Hazen	<5	5	15
4.	Odour	IS:3025 (Part-5)	-	Agreeable	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	NTU	0.50	1	5
6.	Total Dissolve Solid	IS:3025 (Part-16)	mg/L	152	500	2000
7.	Total Suspended Solid	IS:3025 (Part-17)	mg/L	BDL(<5)	-	-
8.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/L	84	200	600
9.	Calcium as Ca ²⁺	IS:3025 (Part-40)	mg/L	23.2	75	200
10.	Magnesium as Mg ²⁺	IS:3025 (Part-46)	mg/L	6.24	30	100
11.	Total Alkalinity	IS:3025 (Part-23)	mg/L	50	200	600
12.	Chlorides as Cl ⁻	IS:3025 (Part-32)	mg/L	19	250	1000
13.	Oil & Grease	IS:3025 (Part-39)	mg/L	BDL(<0.4)	-	-
14.	Fluoride as F ⁻	APHA 24 th Ed., 4500 (F) C	mg/L	BDL(<0.1)	1.0	1.5

Chemical – Residues & Contaminants In Water – Ground water

15.	Iron as Fe	APHA 24 th Ed., 3111B	mg/L	BDL(<0.1)	0.3	No Relaxation
-----	------------	----------------------------------	------	-----------	-----	---------------

BDL-Below Detection Limit

Tested By

(Manali Vyas)
Chemist



Authorized Signatory

(Puran Singh)
Asst. Officer



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1
End of Report

Accredited as per ISO/IEC 17025, Recognised by MoEF&CC

Registered & Corporate Office:
"Wolkem House", E-101, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan- India
Phone : +91 294 2494600 - 02 E-mail : info@wolkem.com

CIN- U29299RJ1971PLC001379



Report No.20250214011

ULR No. TC594125000000575F

Report Issue Date: 24.02.2025



TC - 5941

TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08 ,
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600007665 Dated: - 26.11.2024
3. Sample Identification : Ground water
4. Condition of Sample : Sealed/Ok
5. Date & Time of Sampling : 14.02.2025/03:20PM
6. Sample received on : 14.02.2025
7. Period of Analysis : 14.02.2025 to 24.02.2025
8. Name of Sample & Location : Potable & Domestic water
(Tubewell in Gopal Ji, Agriculture land Ground water)
9. Method of Sampling : IS:17614(Pt 1) 2021

S. No	Environment Condition	Unit	Results
1.	Ambient Temperature	°C	24.4
2.	Relative Humidity	%	45

S. No.	Parameters	Test Method	Unit	Results	Limits :- IS-10500:2012	
					Acceptable	Permissible
Chemical – Water- Ground Water						
1.	pH (at 25°C)	IS:3025 (Part-11)	-	7.63	6.5 to 8.5	No Relaxation
2.	Conductivity (at 25°C)	IS:3025 (Part-14)	µs/cm	575.9	-	-
3.	Color	IS:3025 (Part-4)	Hazen	<5	5	15
4.	Odour	IS:3025 (Part-5)	-	Agreeable	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	NTU	0.60	1	5
6.	Total Dissolve Solid	IS:3025 (Part-16)	mg/L	368	500	2000
7.	Total Suspended Solid	IS:3025 (Part-17)	mg/L	BDL(<5)	-	-
8.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/L	190	200	600
9.	Calcium as Ca ²⁺	IS:3025 (Part-40)	mg/L	52.0	75	200
10.	Magnesium as Mg ²⁺	IS:3025 (Part-46)	mg/L	14.4	30	100
11.	Total Alkalinity	IS:3025 (Part-23)	mg/L	96	200	600
12.	Chlorides as Cl ⁻	IS:3025 (Part-32)	mg/L	45	250	1000
13.	Oil & Grease	IS:3025 (Part-39)	mg/L	BDL(<0.4)	-	-
14.	Fluoride as F ⁻	APHA 24 th Ed., 4500 (F) C	mg/L	0.15	1.0	1.5

Chemical – Residues & Contaminants In Water – Ground water

15.	Iron as Fe	APHA 24 th Ed., 3111B	mg/L	BDL(<0.1)	0.3	No Relaxation
-----	------------	----------------------------------	------	-----------	-----	---------------

BDL-Below Detection Limit

Tested By

(Signature)
(Manali Vyas)
Chemist



Authorized Signatory

(Signature)
(Puran Singh)
Asst. Officer



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.



Report No.20250214012

ULR No. TC594125000000576F

Report Issue Date: 24.02.2025



TEST REPORT

1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08 ,
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600007665 Dated: - 26.11.2024
3. Sample Identification : Potable water
4. Condition of Sample : Sealed/Ok
5. Date & Time of Sampling : 14.02.2025/03:50PM
6. Sample received on : 14.02.2025
7. Period of Analysis : 14.02.2025 to 24.02.2025
8. Name of Sample & Location : Potable & Domestic water
(Mangrol Mine Pit-water Surface water)
9. Method of Sampling : IS:17614 (Pt 1) 2021

S. No	Environment Condition	Unit	Results
1.	Ambient Temperature	°C	24.6
2.	Relative Humidity	%	44

S. No.	Parameters	Test Method	Unit	Results	Limits :- IS-10500:2012	
					Acceptable	Permissible

Chemical – Water- Potable Water						
1.	pH (at 25°C)	IS:3025 (Part-11)	-	7.68	6.5 to 8.5	No Relaxation
2.	Conductivity (at 25°C)	IS:3025 (Part-14)	µs/cm	463.2	-	-
3.	Color	IS:3025 (Part-4)	Hazen	<5	5	15
4.	Odour	IS:3025 (Part-5)	-	Agreeable	Agreeable	Agreeable
5.	Turbidity	IS:3025 (Part-10)	NTU	0.50	1	5
6.	Total Dissolve Solid	IS:3025 (Part-16)	mg/L	298	500	2000
7.	Total Suspended Solid	IS:3025 (Part-17)	mg/L	BDL(<5)	-	-
8.	Total Hardness as CaCO ₃	IS:3025 (Part-21)	mg/L	184	200	600
9.	Calcium as Ca ²⁺	IS:3025 (Part-40)	mg/L	51.2	75	200
10.	Magnesium as Mg ²⁺	IS:3025 (Part-46)	mg/L	13.4	30	100
11.	Total Alkalinity	IS:3025 (Part-23)	mg/L	88	200	600
12.	Chlorides as Cl ⁻	IS:3025 (Part-32)	mg/L	36	250	1000
13.	Oil & Grease	IS:3025 (Part-39)	mg/L	BDL(<0.4)	-	-
14.	Fluoride as F ⁻	APHA 24 th Ed., 4500 (F) C	mg/L	BDL(<0.1)	1.0	1.5

Chemical – Residues & Contaminants In Water – Potable water						
15.	Iron as Fe	APHA 24 th Ed., 3111B	mg/L	BDL(<0.1)	0.3	No Relaxation

BDL-Below Detection Limit

Tested By

(Signature)
(Manali Vyas)
Chemist



Authorized Signatory

(Signature)
(Puran Singh)
Asst. Officer



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 15 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1

End of Report



Accredited as per ISO/IEC 17025, Recognised by MoEF&CC

Registered & Corporate Office:
"Wolkem House", E-101, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan- India
Phone : +91 294 2494600 - 02 E-mail : info@wolkem.com

CIN- U29299RJ1971PLC001379



Report No.20250214017

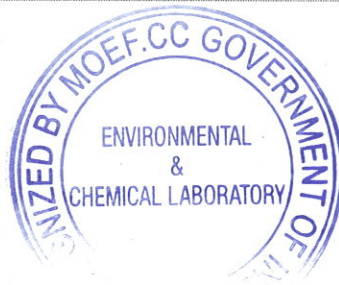
ULR No. TC594125000000581F

Report Issue Date: 17.02.2025

TEST REPORT

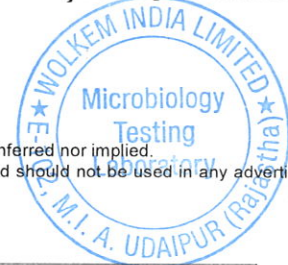
1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08,
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order No. : 4600007665 Dated: - 26.11.2024
3. Sample Identification : Potable water
4. Condition of sample : Sealed/Ok
5. Source/ Location : Potable & Domestic water
(Tubewell in Plantation Area Ground water)
6. Sampling done by : Environmental & Chemical Laboratory, Wolkem India Limited
7. Sample Received on : 14.02.2025
8. Period of Testing : 14.02.2025 to 17.02.2025
9. Environmental conditions : Temp 24.1°C/ RH 45%
10. Sampling method : IS: 1622-1981

S. No.	Parameters	Test Method	Unit	Results	Limit (IS 10500:2012)
Biological Testing – Water- Potable water					
1.	E.coli	IS 15185:2016	Per/ 100ml	Not Detectable	Shall not be detectable/100ml
2.	Total Coliforms	IS 15185:2016	Per/ 100ml	Not Detectable	Shall not be detectable/100ml



Authorized Signatory

Amresh Kumar
Amresh Kumar
Dy.GM [Technical]



Note:

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameters (s). Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 07 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 03 days.
6. Bacteriological Quality of Drinking Water as per IS:10500

S. No.	Organisms	Requirements
1	All water intended for drinking a. E. Coli	Shall not be detectable in any 100 ml sample
2	Treated water entering the distribution system a. E. coli b. Total coliform bacteria	Shall not be detectable in any 100 ml sample Shall not be detectable in any 100 ml sample





Report No.20250214018

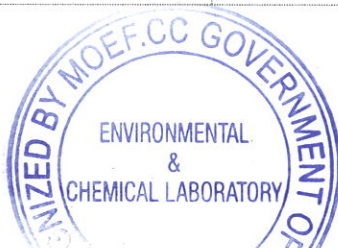
ULR No. TC594125000000582F

Report Issue Date: 17.02.2025

TEST REPORT

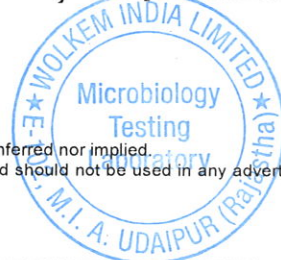
1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08,
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order No. : 4600007665 Dated: - 26.11.2024
3. Sample Identification : Potable water
4. Condition of sample : Sealed/Ok
5. Source/ Location : Potable & Domestic water
(Tubewell in Gopal Ji, Agriculture land Ground water)
6. Sampling done by : Environmental & Chemical Laboratory, Wolkem India Limited
7. Sample Received on : 14.02.2025
8. Period of Testing : 14.02.2025 to 17.02.2025
9. Environmental conditions : Temp 24.4°C/ RH 45%
10. Sampling method : IS: 1622-1981

S. No.	Parameters	Test Method	Unit	Results	Limit (IS 10500:2012)
Biological Testing – Water- Potable water					
1.	E.coli	IS 15185:2016	Per/ 100ml	Not Detectable	Shall not be detectable/100ml
2.	Total Coliforms	IS 15185:2016	Per/ 100ml	Not Detectable	Shall not be detectable/100ml



Authorized Signatory

Amresh Kumar
Amresh Kumar
Dy.GM [Technical]



Note:

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameters (s). Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 07 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 03 days.
6. Bacteriological Quality of Drinking Water as per IS:10500

S. No.	Organisms	Requirements
1	All water intended for drinking a. E. Coli	Shall not be detectable in any 100 ml sample
2	Treated water entering the distribution system a. E. coli b. Total coliform bacteria	Shall not be detectable in any 100 ml sample Shall not be detectable in any 100 ml sample





Report No.20250214019

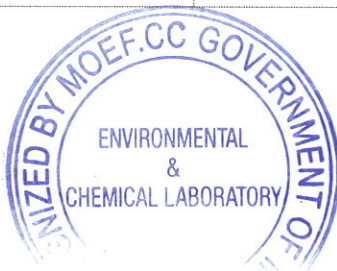
ULR No. TC594125000000583F

Report Issue Date: 17.02.2025

TEST REPORT

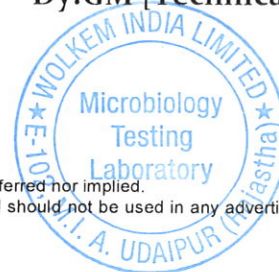
1. Name of Customer : Mangrol Limestone Mine,
ML No. – 26/08,
M/s J.K. Cement Works Mangrol,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order No. : 4600007665 Dated: - 26.11.2024
3. Sample Identification : Potable water
4. Condition of sample : Sealed/Ok
5. Source/ Location : Potable & Domestic water
(Mangrol Mine Pit-water Surface water)
6. Sampling done by : Environmental & Chemical Laboratory, Wolkem India Limited
7. Sample Received on : 14.02.2025
8. Period of Testing : 14.02.2025 to 17.02.2025
9. Environmental conditions : Temp 24.6°C/ RH 44%
10. Sampling method : IS: 1622-1981

S. No.	Parameters	Test Method	Unit	Results	Limit (IS 10500:2012)
Biological Testing – Water- Potable water					
1.	E.coli	IS 15185:2016	Per/ 100ml	Not Detectable	Shall not be detectable/100ml
2.	Total Coliforms	IS 15185:2016	Per/ 100ml	Not Detectable	Shall not be detectable/100ml



Authorized Signatory

Anireesh Kumar
Dy.GM [Technical]

**Note:**

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
2. The results listed refer only to the tested sample (s) and parameters (s). Endorsement of product is neither inferred nor implied.
3. This report is not to be reproduced wholly or in part and cannot be used as evidence in the court of law and should not be used in any advertising media without our special permission in writing.
4. The samples will be destroyed 07 days after the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 03 days.

