

NBH/PC-14/C13/

Through Email

Date: 28-05-25

To,
The Director (M),
Ministry of Environment, Forest & Climate Change,
Indira Paryavaran Bhawan,
JOR Bagh Road, Aliganj,
New Delhi-110003

Sub: Environmental Clearance Compliance report of Karunda Limestone Mine (ML 03/2003) by J. K. Cement Works, Nimbahera, Dist. Chittorgarh, Rajasthan (J K Cement Ltd) for the period of October 2024 to March 2025

Ref.: EC letter no. - J-11015 / 36/ 2019-IA.II (M) dated 19th August 2021

Dear Sir,

Kindly refer to the above subject matter and refer EC letter no., please find attached herewith compliance of EC for the period of **October 2024 to March 2025**.

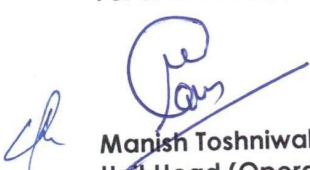
As per MoEF & CC notification no. S.O. 5845 (E) 26.11.2018 the soft copy of same has been sent through email to iro.jaipur-mefcc@gov.in, moef@nic.in, ccb.cpcb@nic.in, member-secretary@rpcb.nic.in, cpcb.bhopal@gov.in, monitoring-ec@nic.in.

We hope that you will find the compliance report in order.

Thanking you.

Yours Faithfully

For J. K. Cement Works, Nimbahera



Manish Toshniwal
Unit Head (Operations)

Encl: as above

Copy to:

1. The Deputy Director(S), Ministry of Environment, Forests & Climate Change, Integrated Regional office, Jaipur, A-218, Aranya Bhawan, Jhalana Institutional Area, **Jaipur-302004**
2. The Regional Director Central Pollution Control Board, Paryavaran Parisar, E-5, Arera colony, **Bhopal (M.P) 462016**
3. The Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-CUM office complex, East Arjun Nagar, **New Delhi 110032**.
4. The Chairman, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, **Jaipur - 302004 (Rajasthan)**

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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**Half Yearly Compliance Report
2025
01 Jun(01 Oct - 31 Mar)**

Acknowledgement

Proposal Name		Environmental Clearance for Expansion of Karunda Limestone Mine (M.L. No.: 03/2003, ML Area 240.86 ha.) from 2.0 Million TPA Limestone to total excavation of 3.8 Million TPA (Cement Grade Limestone: 3.448 Million TPA, Subgrade Limestone: 0.152 Million TPA, Interstitial Clay/ Screen rejects/ Waste: 0.189 Million TPA and Top Soil: 0.011 Million TPA) and Limestone Crusher with Screening (500 TPH Limestone and 50 TPH Screening Clay) situated at Village - Karunda, Tehsil - Nimbahera, District - Chittorgarh, Rajasthan by M/s. J.K. Cement Limited.	
Name of Entity / Corporate Office		Environmental Clearance for Expansion of Karunda Limestone Mine (M.L. No.: 03/2003, ML Area 240.86 ha.) from 2.0 Million TPA Limestone to total excavation of 3.8 Million TPA	
Village(s)		N/A	
District		CHITTORGARH	
Proposal No.	IA/RJ/MIN/210770/2019	Category	Non-Coal Mining
Plot / Survey / Khasra No.	N/A	Sub-District	N/A
State	RAJASTHAN	Entity's PAN	*****0355R
MoEF File No.	J-11015/36/2019-IA.II (M)	Entity name as per PAN	J K CEMENT LIMITED

Compliance Reporting Details

Reporting Year	2025
Remarks (if any)	Submitting the Six-Monthly EC Compliance Report for the period: April 2024 - September 2024
Reporting Period	01 Jun(01 Oct - 31 Mar)

Details of Production and Project Area

Name of Entity / Corporate Office	Environmental Clearance for Expansion of Karunda Limestone Mine (M.L. No.: 03/2003, ML Area 240.86 ha.) from 2.0 Million TPA Limestone to total excavation of 3.8 Million TPA
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	Project Area as per EC Granted	Actual Project Area in Possession
Private	240.86	228.13
Revenue Land	0	0
Forest	0	0
Others	0	0

Total		240.86			228.13	
Production Capacity						
Sr. no	Product Name	units	Valid Upto	Capacity	Production last year	Capacity as per CTO
1	Cement Grade Limestone	Million Tons per Annum (MTPA)	31/10/2026	3.448	3.3461765	3.448
2	Subgrade Limestone	Million Tons per Annum (MTPA)	31/10/2026	0.152	0.01972	0.152
3	Interstitial Clay/Screen rejects/ Waste	Million Tons per Annum (MTPA)	31/10/2026	0.189	0.1028	0.189
4	Top Soil	Million Tons per Annum (MTPA)	31/10/2026	0.011	0.0104	0.011
Conditions						
Specific Conditions						
Sr.No.	Condition Type	Condition Details				
1	Statutory compliance	The PP shall adhere to the provision of the Mines Act, 1952, Mines and mineral (Development & Regulation), Act, 2015 and rules & regulations made there under. PP shall adhere to various circulars issued by Directorate General Mines Safety (DGMS) and Indian bureau of mines from time to time.				
PPs Submission: Complied Agreed and Complied					Date: 28/05/2025	
2	Statutory compliance	The project proponent shall obtain consents from all the concerned land owners, before start of mining operations as per the provisions of MMDR Act, 1957 and rules made there under in respect of lands which are not owned by it.				
PPs Submission: Complied Agreed, landowners have no any concern.					Date: 28/05/2025	
3	Statutory compliance	This Environmental Clearance (EC) is subject to orders/ judgment of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, Common Cause Conditions as may be applicable.				
PPs Submission: Complied Noted					Date: 28/05/2025	

4	Statutory compliance	The Project proponent complies with all the statutory requirements and judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors before commencing the mining operations.
PPs Submission: Complied Unit is complying with all the statutory requirements.		Date: 28/05/2025
5	Statutory compliance	The State Government concerned shall ensure that mining operation shall not be commenced till the entire compensation levied, if any, for illegal mining paid by the Project Proponent through their respective Department of Mining & Geology in strict compliance of Judgment of Hon'ble Supreme Court dated 2nd August, 2017 in Writ Petition (Civil) No. 114 of 2014 in matter of Common Cause versus Union of India & Ors.
PPs Submission: Complied Certificate issued by Mining Department regarding the No Dues of compensation levied.		Date: 28/05/2025
6	Statutory compliance	This Environmental Clearance shall become operational only after receiving formal NBWL Clearance from MoEF&CC subsequent to the recommendations of the Standing Committee of National Board for Wildlife, if applicable to the Project.
PPs Submission: Complied Not applicable		Date: 28/05/2025
7	Statutory compliance	This environmental clearance shall become operational only after receiving formal forest clearance (FC) under the provision of forest conservation act, 1980, if applicable to the project.
PPs Submission: Complied Not applicable		Date: 28/05/2025
8	Statutory compliance	Project proponent (PP) shall obtain consent to operate after grant of EC and effectively implement all the conditions stipulated therein. The mining activity shall not commence prior to obtaining consent to establish/consent to operate from the concerned state pollution control board /committee.
PPs Submission: Complied Unit obtained the CTE and CTO from RSPCB: - CTE granted by RSPCB vide letter No.: F (Mines)/Chittorgarh (Nimbahera)/1869 (1) /2017-2018/3482-3486, dated 26.10.2021. CTO granted by RSPCB vide letter No.: F (Mines)/Chittorgarh (Nimbahera)/1869(1) /2017-2018/3891-3895, dated 12.11.2021, valid up to 31/10/2026.		Date: 28/05/2025
9	GREENBELT	The study carried out by drone and shown during the presentation must be submitted to the Ministry for the purpose of record.
PPs Submission: Complied Drone survey regarding Plantation has been completed and report submitted to the MoEF and CC along with EC Compliance Report on 30/11/2021.		Date: 28/05/2025
10	Statutory compliance	The project proponent should explore the possibility of plantation in the adjoining area outside the lease boundary between the village and the mine lease to create a barrier of at least 50 m width belt.

PPs Submission: Being Complied Plantation is being done as per approved mining plan. Plantation is being carried out at within the lease boundary and outside the lease boundary area. We are exploring all possibility of plantation between the village and the mine lease.		Date: 28/05/2025
11	Statutory compliance	It is proposed to create a water reservoir at 175.086 ha. at the end of closure of mine. PP must submit a detailed plan that how will this water reservoir be protected, utilized for villagers in agriculture after necessary treatment.
PPs Submission: Agreed to Comply Water reservoir to be developed on 175.086 ha. and detailed plan will be submitted at the time of closure of mine.		Date: 28/05/2025
12	MISCELLANEOUS	The project proponent should explore the possibility of use of permanent water sprinklers for control of dust on the haul roads within the mine lease area.
PPs Submission: Being Complied Unit has deployed one mobile water tanker of 15 KL capacity for regular water sprinkling on the haul roads to prevent dust generation during transportation of limestone through dumpers. Water tankers have also been equipped with high pressure jet systems to wet the blasted muck for suppression the fugitive dust emission during loading activity.		Date: 28/05/2025
13	Statutory compliance	There are village roads passing through the mine lease area. 50 m safety zone on either side and avenue plantation must be undertaken as there was no proposal for road diversion. The safety zone from nearby village currently maintained at 300 m till the life of mine must be maintained at SE and SW directions.
PPs Submission: Complied The diversion of road has completed by Govt. of Rajasthan. Safety zone of 300 m has been maintained towards - Charliya, Karunda and Pipliya Villages and it will be maintained till conceptual stage. If any changes are required, prior permission will be obtained.		Date: 28/05/2025
14	MINING PLAN	OLBC must be completed within 5 months as committed during the presentation.
PPs Submission: Complied OLBC has been commissioned on 12/01/2022, which has been intimated to Ministry.		Date: 28/05/2025
15	GREENBELT	PP should ensure plantation in the mined out pits in the benches, which are not sub-merged in water with 95 % survival rate.
PPs Submission: Complied Presently, mine pits are in active condition, plantation will be done in the benches of mined out pits.		Date: 28/05/2025
16	MINING PLAN	PP must not exceed the total excavation that it has considered for preparation of EMP at any time during the operation.
PPs Submission: Complied Excavation quantity is maintaining well within the permitted limit. Details of excavation Million TPA in FY: 2024-25 (Oct 2024 to March 2025) as below: Cement Grade Limestone: 1.49769716 Sub Grade Limestone: 0.42772 IB/Screen Reject/ Waste : 0.75174 Top Soil: 0.09895		Date: 28/05/2025
17	MINING PLAN	Timeline for crusher and belt conveyer installation from Karunda to Maliakhera for internal transport be submitted.

PPs Submission: Agreed to Comply Noted		Date: 28/05/2025
18	GREENBELT	The PP must submit the status report of plantation in the periphery, non-mineral zone, safety zone, avenue plantation, and either side of village road to the Ministry in every 6 months.
PPs Submission: Complied Details of plantation developed are attached herewith		Date: 28/05/2025
19	MISCELLANEOUS	Submit the update on implementation of Wildlife Conservation Plan both specific to this mine expenditure as well as combined expenditure annually.
PPs Submission: Being 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: 28/05/2025
20	MISCELLANEOUS	At the time of revision of mining plan, EMP if modified, for a peak production be submitted along with the revised mining plan to the Ministry.
PPs Submission: Complied Agreed and noted		Date: 28/05/2025
21	Statutory compliance	The project proponent shall follow the mitigation measures provided in MOEFCC's office memorandum No. Z-1103/57/2014-IA.II(M), dated 29th October, 2014, titled "Impact of mining activities on Habitations - issues related to the mining projects wherein habitations and villages are the part of mine lease areas or Habitations and villages are surrounded by the mine lease area"
PPs Submission: Complied Unit has taken the following measures to reduces the impact of mining activities on habitations: - Garland drain constructed, Siltation pond facilitated, Regular water spray on haul road is being done, Rainwater collected in mine pit and as per requirement of villagers, water is being supplied to nearby villagers during the lean period, Mask light is being kept in off mode during night period, Company owns road used for limestone transportation, Control blasting has been implemented and Carried out dense plantation.		Date: 28/05/2025
22	Statutory compliance	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of requisite quantity of surface water from CGWA for withdrawal of ground water for the project.
PPs Submission: Complied Unit has obtained Combined NOC for ground water withdrawal for Plant and Mines from CGWA vide letter No.: CGWA/NOC/MIN/REN/1/2025/10525 dated 17.01.2025, valid till 09/03/2026.		Date: 28/05/2025
23	Statutory compliance	TA copy of EC letter will be marked to concerned Panchayat / local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.

PPs Submission: Complied EC copy had been submitted to concern Panchayat, Zila Parishad, DIC Office, District Collector, SDM Office vide letter No.: NBH/ PC-A/EC-M/KRD/13, dated 23.08.2021. Receipt copy of the same has also been submitted to ministry along with last EC half yearly compliance report.		Date: 28/05/2025
24	Statutory compliance	State Pollution Control Board/Committee shall be responsible for display of this EC letter at its Regional office, District Industries Centre and Collector's office/ Tehsildar's Office for 30 days.
PPs Submission: Complied Agreed and Noted		Date: 28/05/2025
25	Statutory compliance	The Project Authorities should widely advertise about the grant of this EC letter by printing the same in at least two local newspapers, one of which shall be in vernacular language of the concerned area. The advertisement shall be done within 7 days of the issue of the clearance letter mentioning that the instant project has been accorded EC and copy of the EC letter is available with the State Pollution Control Board/Committee and web site of the Ministry of Environment, Forest and Climate Change (www.parivesh.nic.in). A copy of the advertisement may be forwarded to the concerned MoEF&CC Regional Office for compliance and record.
PPs Submission: Complied EC granted information published in two local newspapers i.e. Dainik Bhasker and Rajasthan Patrika on 24/08/2021 and proof of the same has been submitted along with last six-monthly EC compliance report.		Date: 28/05/2025
26	Statutory compliance	The Project Proponent shall inform the MoEF&CC for any change in ownership of the mining lease. In case there is any change in ownership or mining lease is transferred than mining operation shall only be carried out after transfer of EC as per provisions of the para 11 of EIA Notification, 2006 as amended from time to time.
PPs Submission: Agreed to Comply If any change in ownership of mining, will be intimated to the ministry.		Date: 28/05/2025
27	Statutory compliance	The compliance to public hearing as indicated in the table with an investment of 160 Lakhs be submitted annually to the Ministry.
PPs Submission: Complied The compliance to public hearing is attached herewith.		Date: 28/05/2025
General Conditions		
Sr.No.	Condition Type	Condition Details
1	MISCELLANEOUS	The concerned Regional Office of the MoEF&CC shall randomly monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the MoEF&CC officer(s) by furnishing the requisite data / information / monitoring reports.
PPs Submission: Complied Agreed, unit will extend full cooperation to the MoEF and CC officer(s) by furnishing the requisite data / information / monitoring reports.		Date: 28/05/2025
2	MISCELLANEOUS	The Ministry or any other competent authority may alter/modify the

		above conditions or stipulate any further condition in the interest of environment protection.
PPs Submission: Complied Noted and Agreed		Date: 28/05/2025
3	MISCELLANEOUS	Concealing factual data or submission of false/ fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attracts action under the provisions of Environment (Protection) Act, 1986.
PPs Submission: Complied Noted and Agreed		Date: 28/05/2025
4	AIR QUALITY MONITORING AND PRESERVATION	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No.: B-29016/20/ 90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the Main Gate of the mine site.
PPs Submission: Complied Three (03) nos. of CAAQMS have been installed all along the mine lease boundary: - 1. Near View Point towards Villages Charliya and Peepliya. 2. Near North Pit towards Village Karunda. 3. Towards Village Charliya (Common for Karunda Limestone Mine and Maliakhhera Limestone Mine). Digital display board has been provided at Mine Office near Main Gate. CAAQMS data has been uploaded on CPCB and RSPCB portals.		Date: 28/05/2025
5	AIR QUALITY MONITORING AND PRESERVATION	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metaled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipment's/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC /Central Pollution Control Board.
PPs Submission: Complied Following safeguard measures taken for prevention of dust generation: - Regular water sprinkling is being done on haul roads and a water sprinkling system has been provided at the unloading point to control the fugitive emission. Ambient air quality monitoring is being carried out on a regular basis by NABL accredited laboratory. Detail ambient air quality and fugitive emission monitoring reports for the period: October 24 to March 25 is enclosed as Annexure-1 and Annexure-2, respectively.		Date: 28/05/2025
6	WATER QUALITY MONITORING AND PRESERVATION	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage,

		then PP shall ensure that prior approval from CGWA and MoEF&CC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
PPs Submission: Complied Unit has obtained the NOC for Mines Seepage permission from CGWA/NOC/MIN/REN/1/2025/10525 dated 17.01.2025, valid till 09/03/2026.		Date: 28/05/2025
7	WATER QUALITY MONITORING AND PRESERVATION	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
PPs Submission: Being Complied Unit has taken following measures: - No natural water course and / or water resources will be obstructed due to any mining operation. In Karunda Mining lease area, there exists a nallah in the South side flowing in South direction from SW to SE direction meeting the catchment area of the earthen dam. This nallah is only a seasonal nallah and is not a perennial one. This area is already deducted from the active mine working and also, we have put embankment all along the length of the nallah keeping a safety distance of 15 m from it in addition to safety zone of 45 m on both side all along the nallah. Ground water level and quality report submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.		Date: 28/05/2025
8	WATER QUALITY MONITORING AND PRESERVATION	Project Proponent shall regularly monitor and maintain records w.r.t. groundwater level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department/State Pollution Control Board.
PPs Submission: Being Complied Regular monitoring of ground water level and quality is being carried out in and around the mining lease area as per the Environment Management Plan of approved Mining plan by establishing a network of existing wells. Unit has installed 5 nos. of piezometers for periodic and installed one DWLR (Digital Water Level Recorder) with telemetry system for online monitoring of ground water level. Detail ground water level monitoring report for the period: October-24 to March -25 is enclosed as Annexure-3.		Date: 28/05/2025
9	LAND RECLAMATION	The reject/waste generated during the mining operations shall be stacked at earmarked waste dump site(s) only. The physical parameters of the waste dumps like height, width, and angle of slope shall be governed as per the approved mining plan as per the guidelines/circulars issued by DGMS w.r.t. safety in mining operations shall be strictly adhered to maintain the stability of waste dumps.

PPs Submission: Complied Waste generated during the mining operations is being at earmarked waste dump sites only. Physical parameters of the waste dumps i.e.: height, width and angle of slope being maintained in compliance of the approved mining plan as per the guidelines/ circulars issued by DGMS. Topsoil generated quantity in the FY: 2023-24 is 0.0104 Million TPA. Top-soil generation quantity from mining operation in the Oct 2024 to March 2025 is 0.09895 Million TPA. It is being used for plantation purpose Sub-grade mineral generation quantity in the FY: 2023-24 is 0.01972 Million TPA. Sub grade mineral generation quantity in the FY: 2024-25 (Oct,2024 to March., 2025) is 0.42772 Million TPA The total area occupied by stacking of sub grade material in 7.61 ha.		Date: 28/05/2025
10	LAND RECLAMATION	The reclamation of waste dump sites shall be done in scientific manner as per the approved mining plan cum progressive mine closure plan.
PPs Submission: Complied Agreed, reclamation of waste dump will be done as per the approved mining plan cum progressive mine closure plan.		Date: 28/05/2025
11	MISCELLANEOUS	A separate 'Environmental Management Cell' with suitable qualified manpower should be set-up under the control of a Senior Executive. The Senior Executive shall directly report to Head of the Organization. Adequate number of qualified Environmental Scientists and Mining Engineers shall be appointed and submit a report to RO, MoEF&CC.
PPs Submission: Complied A separate environmental management cell with qualified personnel is already established and has sufficient monitoring equipments in environmental laboratory.		Date: 28/05/2025
12	WATER QUALITY MONITORING AND PRESERVATION	The Project Proponent shall undertake regular monitoring of natural water course/water resources /springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-a-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEF&CC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz.: Pre- monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
PPs Submission: Being Complied The unit is monitoring the ground water quality on a quarterly basis i.e.: Pre-monsoon (April-May), Monsoon (August), Post-monsoon (November) and Winter (January) by deploying NABL accredited Laboratory. Ground water quality analysis report for Post monsoon and Winter season are enclosed as Annexure-4.		Date: 28/05/2025
13	WATER QUALITY	Quality of polluted water generated from mining operations which

	MONITORING AND PRESERVATION	include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J-20012/1/2006-IA. II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
PPs Submission: Complied There is no wastewater generation from the Limestone mining operation. Mine Key parameter data has been uploaded at www.jkcement.com/environmental-compliance as per notification as well as displayed at mine office.		Date: 28/05/2025
14	WATER QUALITY MONITORING AND PRESERVATION	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEF&CC annually.
PPs Submission: Being Complied To augment the water resources, rainwater harvesting is done and stored in lower most benches (Water reservoir). Surface rainwater is collected in the lower most benches to augment Ground water resources. Anicut and siltation pond is constructed to augment water table. Photographs of implemented rainwater harvesting measures are attached		Date: 28/05/2025
15	WATER QUALITY MONITORING AND PRESERVATION	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
PPs Submission: Complied There is no industrial wastewater is generated from the Mine operation.		Date: 28/05/2025
16	WATER QUALITY MONITORING AND PRESERVATION	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.
PPs Submission: Complied Annual water audit report submitted on 25/05/2022.		Date: 28/05/2025
17	Noise Monitoring & Prevention	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.
PPs Submission: Complied The blasting operation is being carried out in day time only. Blasting is being done as per DGMS guidelines. Max Peak particle velocity at 500m distance was observed is 2.829 mm/sec for the period from October -24 to March - 25 and report of the same is enclosed as Annexure-5.		Date: 29/05/2025
18	Noise Monitoring & Prevention	The illumination and sound at night at project sites disturb the villages in respect of both human and animal population. Consequent and stress may affect the health in the villages located close to mining

		operations. Habitations have a right for darkness and minimal noise level at night. PPs must ensure that the biological clock of the villages is not disturbed, by orienting the floodlights/ masks away from the villagers and keeping the noise levels well within the prescribed limits for day/night hours.
PPs Submission: Being Complied Unit is maintaining the illumination and noise level well within permissible limits during day and night hours. Detail ambient noise level monitoring report for the period: October - 24 to March - 25 is enclosed as Annexure-6.		Date: 28/05/2025
19	Noise Monitoring & Prevention	The project proponent shall take measures for control of noise levels below 85dBA in the work environment. The workers engaged in operations of HEMM etc. should be provided with ear plugs / muffs. All personnel including laborers working in dusty areas shall be provided with protective respiratory devices along with adequate training awareness and information on safety and health aspects. The PP shall be held responsible in case it has been found that workers/personals/laborers are working without personal protective equipment.
PPs Submission: Being Complied Regular maintenance (including cabin) of HEMM is being done to keep noise level well within the specified limits. Workers engaged in the operation of HEMM etc. are provided ear plugs. Onsite toolbox talk is being conducted on daily basis and imparted the periodical training for all employee and workmen.		Date: 28/05/2025
20	MINING PLAN	The project proponent shall adhere to the working of mining plan, which was submitted at the time of EC appraisal wherein year-wise plan was mentioned for total excavation i.e.: Quantum of mineral waste, over burden, inter burden and top soil. No change in basic mining proposal like mining technology. total excavation, mineral & waste production, lease area and scope of working (viz. method of mining, overburden & dump management, O.B. & dump mining, mineral transportation mode, ultimate depth of mining etc.) shall not be carried out without prior approval of the ministry of Environment, forest and climate change, which entail adverse environmental impacts, even if it is a part of approved mining plan modified after grant of EC or granted by State Govt. in the form to short term permit (STP), query license or any other name.
PPs Submission: Complied Method of mining is opencast, fully mechanized using wet drilling and control blasting. All mining activities are being carried out as per the approved mining plan. Total excavation Million TPA during FY 2024-2025 (Oct 2024 to March 2025) Cement Grade Limestone 1.49769716, Sub Grade Limestone 0.42772, IB/Screen Reject/ Waste 0.75174, Top Soil 0.09895		Date: 28/05/2025
21	MINING PLAN	The project proponent shall get the final mine closure plan along with financial assurance approved from Indian bureau of mines/ department of mining & geology as required under the provision of the MMDR Act,1957 and rules /guidelines made there under. A copy of approved final mine closure plan shall be submitted within 2 months of the approval of the same from the competent authority to the concerned regional office of the ministry of environment, Forest and climate change for the record and verification.
PPs Submission: Agreed to Comply Unit will be submitted the final mine closure plan due course of time.		Date: 28/05/2025
22	MINING PLAN	The land use of the mine area at various stages of mining scheme as

		well as at the end-of-life shall be governed as per the approved mining plan. The excavation vis-à-vis backfilling in the mine lease area and corresponding afforestation to be raised in the reclaimed area shall be governed as per approved mining plan. PP shall ensure the monitoring and management of rehabilitated areas until the vegetation becomes self-sustaining. The compliance status shall be submitted half-yearly to the MoEF&CC and its concerned Regional office.
PPs Submission: Complied There is no back filling proposed in the approved mining plan.		Date: 28/05/2025
23	LAND RECLAMATION	The overburden (O.B.) generated during the mining operations shall be at earmarked OB dump site(s) only and it should not be kept active for a long period of time. The physical parameters of the OB dumps like height, width and angle of slope shall be governed as per the approved mining plan as per the guidelines /circulars issued by D.G.M.S. w.r.t. Safety in mining operations shall be strictly adhered to maintain the stability of top soil/OB dumps. The top soil shall be used for land reclamation and plantation.
PPs Submission: Complied Interstitial clay/waste generated during the mining operations are being at earmarked dump sites only. Physical parameters of dumps i.e.: height, width and angle of slope being maintained in compliance of the approved mining plan as per the guidelines /circulars issued by DGMS. Top-soil generation quantity from mining operation in the FY: 2023-24 is 0.0104 Million TPA. It is being used for plantation purpose. Top-soil generation quantity from mining operation in the October 2024 to March 2025 is 0.09895 Million TPA. It is being used for plantation purpose.		Date: 28/05/2025
24	LAND RECLAMATION	The slope of dumps shall be vegetated in scientific manner with suitable native species to maintain the slope, prevent erosion and surface run off. The selection of local species regulates local climatic parameters and help in adaptation of plan species to the microclimate. The gullies formed on slopes should be adequately taken care of as it impacts the overall stability of dumps. The dump mass should be consolidated with the help of dozer/ compactors thereby ensuring proper filling/ levelling of dump mass. In critical areas use of geo textiles/geo-membranes/clay liners/Bentonite etc. shall be undertaken for stabilization of the dump.
PPs Submission: Complied Presently, total 5 nos. of sub-grade/interstitial clay dumps are in active condition. There are 3 nos. of active dumps of subgrade materials existing in our mine and their dimension in meters are attached herewith. There are 2 nos. of active dumps of Interstitial Clay and their dimension in meters are attached herewith. As per the condition, plantation will be done after the dumps become inactive.		Date: 28/05/2025
25	LAND RECLAMATION	The project proponent shall carry out slope stability in case the dump height is more than 30 meters. The slope stability report shall be submitted to concerned regional office of MOEF&CC.
PPs Submission: Complied Agreed and will be complied, if dump height goes beyond 30m. Presently, dump height is less than 10 m for sub-grade mineral.		Date: 28/05/2025
26	LAND RECLAMATION	Catch drains, settling tanks and siltation ponds of appropriate size shall be constructed around the mine working, mineral yards and Top Soil/OB/ Waste dumps to prevent run off of water and flow of sediments directly into the water bodies (Nallahs/River/Pond etc.) The collected water should be utilized for watering the mine area, roads, green belt development, plantation etc. the

		drains/sedimentation sumps etc. shall be de-silted regularly, particularly after monsoon season, and maintained properly.
PPs Submission: Complied Rainwater collected in working mine pit and it transfers to non-working mine pits for sedimentation, after proper sedimentation mine water is utilized for various purposes. Constructed six siltation pit with dimension are attached herewith.		Date: 28/05/2025
27	LAND RECLAMATION	Check dams of appropriate size, gradient and length shall be constructed around mine pit and OB dumps to prevent storm run-off and sediment flow into adjoining water bodies. A safety margin of 50% shall be kept for designing of sump structures over and above peak rainfall (based on 50 years' data) and maximum discharge in the mine and its adjoining area which shall also help in providing adequate retention time period thereby allowing proper settling of sediments/silt material. The sedimentation pits/sumps shall be constructed at the corners of the garland drains.
PPs Submission: Complied Total rainfall in single day (considering 50 mm maximum rainfall): - 1. Total rainwater would be available is equal to OB dump (area) X Rainfall (m) X Runoff coefficient (20 percent) i.e.: 23340 m ² X 0.05 m X 0.20 is equal to 233.4 m ³ and considering 50 percent safety margin. Total capacity of siltation pond should be 466.8 m ³ . 2. Sub-grade (area) X Rainfall (m) X Runoff coefficient (20 percent) i.e.: 62540 m ² X 0.05 m X 0.20 is equal to 625.4 m ³ and considering 50 percent safety margin then total capacity of siltation pond should be 1250.8 m ³ . 3. Total rainwater collection capacity of siltation pit requires is equal to 466.8 m ³ plus 1250.8 m ³ is equal to 1717.6 m ³ . 4. The storm water is being collected to garland drain from the periphery of the pit area and waste dump area routed to siltation pond. The collected water is being used for plantation and water sprinkling on haul road.		Date: 28/05/2025
28	LAND RECLAMATION	The top soil, if any, shall temporarily be stored at earmarked sites(s) within the mine lease only and should not be kept unutilized for long. The physical parameters of the top soil dumps like height, width and angle of slope shall be governed as per the approved mining plan and as per the guidelines framed by D.G.M.S w.r.t. safety in mining operations shall be strictly adhered the stability of dumps. The top soil shall be used for land reclamation and plantation purpose.
PPs Submission: Complied Topsoil generated during mining operation in FY: 2024-25 (October - March -2025) is 0.09895 Million TPA and its stored at earmarked sites within the mine lease and same is being used for plantation purpose.		Date: 28/05/2025
29	MISCELLANEOUS	No transportation of the minerals shall be allowed in case of roads passing through villages/ habitations. In such cases, PP shall construct a 'bypass' road for the purpose of transportation of the minerals leaving an adequate gap (say at least 200 meters) so that the adverse impact of sound and dust along with chances of accidents could be mitigated. All costs resulting from widening and strengthening of existing public road network shall be borne by the PP in consultation with nodal State Govt. Department. Transportation of minerals through road movement in case of existing village/rural roads shall be allowed in consultation with nodal state govt. department only after required strengthening such that the carrying capacity of roads is increased to handle the traffic load. The pollution due to transportation load on the environment will be effectively controlled and water sprinkling will also be done regularly Vehicular emissions shall be kept under control and regularly monitored. Project should obtain Pollution Under Control(PUC) certificate for all the vehicles from authorized pollution testing centers.

PPs Submission: Complied Not applicable, road does not pass through any villages/habitations. All the minerals are being transported by our own pucca road.		Date: 28/05/2025
30	MISCELLANEOUS	<p>The main haulage road within the mine lease should be provided with a permanent water sprinkling arrangement for dust suppression. other roads within the mine lease should be wetted regularly with tanker-mounted water sprinkling system. The other areas of dust generation like crushing zone, material transfer points. material yards etc. should invariably be provide with dust suppression arrangements. The air pollution control equipment's like bag filters, vacuum suction hoods, dry fogging system etc. shall be installed at crusher, belt –conveyors and other areas prone to air pollution the belt conveyor should be fully covered to avoid generation of dust while transportation. PP shall take necessary measures to avoid generation of fugitive dust emissions.</p>
PPs Submission: Being Complied Tanker-mounted water sprinkling system has been provided for control of fugitive dust emission and regular water sprinkling being carried out on loading and unloading points, transfer points as well as the haul roads to prevent the dust.		Date: 28/05/2025
31	GREENBELT	<p>The project proponent shall develop greenbelt in 7.5m wide safety zone all along the mine lease boundary as per the guidelines of CPCB in order to arrest pollution emanating from mining operations within the lease. The whole Green belt shall be developed within first 5 years starting from windward side of the active mining area. The development of greenbelt shall be governed as per the EC granted by the Ministry irrespective of the stipulation made in approved mine plan.</p>
PPs Submission: Complied Details of plantation developed are attached herewith.		Date: 28/05/2025
32	GREENBELT	<p>The project proponent shall carryout plantation / afforestation in backfilled and reclaimed area of mining lease, around water body, along the roadsides, in community areas etc. by planting the native species in consultation with the state forest department/ Agriculture Department/ Rural development/ Tribal Welfare Department/ gram panchayat such that only those species be selected which are of use to the local people. The CPCB guidelines in this respect shall also be adhered. The density of the trees should be around 2500 saplings per hectare adequate budgetary provision shall be made for protection and care of trees.</p>
PPs Submission: Complied There is no proposal of backfilling as per approved mining plan.		Date: 28/05/2025
33	GREENBELT	<p>The project proponent shall make necessary alternative arrangements for livestock feed be developing grazing land with a view to compensate those areas which are coming within the mine lease rea. The development of such grazing land shall be done in consultation with the state government, in this regard Project proponent should essentially implement the directions of the Hon'ble Supreme Court with regard to acquisition of grazing land. The Sparse trees on such grazing ground , which provide mid-day shelter from the scorching sun, should be scrupulously guarded / protected against felling and plantation of such trees should be promoted.</p>

PPs Submission: Complied The mining lease was originally granted on 25/07/1984 and executed on 13/12/1984, which is prior to the court order. Permission for working in gazing land has been granted by District Authority vide letter No.: Rajasva/Khanan/ NOC/12-12(66)07/199 on 2nd Jan., 2012 and Rajasva/ Khanan/NOC/12-12(66)07/228 on 6th Feb., 2012 and Prakaran No.: 5/96 on 27th March, 1996.		Date: 28/05/2025
34	GREENBELT	The project proponent shall undertake all precautionary, measures for conservation and protection of endangered flora and fauna and schedule –I species during mining operation. A wildlife conservation plan shall be prepared for the same clearly delineating action to be taken for conservation of flora and fauna. The plan shall be approved by Chief Wild Life Warden of the State Govt.
PPs Submission: Being 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: 28/05/2025
35	GREENBELT	And implemented in consultation with the state Forest and Wildlife Department. A copy of wildlife conservation Plan and its implementation status (annual) shall be submitted to the Regional Office of the Ministry.
PPs Submission: Complied Wildlife conservation plan prepared in the consultation of DFO and implementation will also be done according to approved wildlife conservation plan. Annual status will be submitted after final approval of WCP.		Date: 28/05/2025
36	PUBLIC HEARING	The Project Proponent shall appoint an Occupational Health Specialist for Regular as well as Periodical medical examination of the workers engaged in the mining activities, as per the DGMS guidelines. The records shall be maintained properly. PP shall also carryout Occupational health check-ups in respect of workers which are having ailments like BP, diabetes, habitual smoking, etc. The check-ups shall be undertaken once in six months and necessary remedial/ preventive measures be taken. A status report on the same may be sent to MoEF&CC Regional Office and DGMS on half-yearly basis.
PPs Submission: Complied Periodical medical examination of workmen is being carried out. Detail of medical examination carried out for the period: October - 24 to March - 25 is given below is enclosed as Annexure-07 No of person examined - 07, Initial Medical Examination - 02 , Periodical Medical Examination - 05, Disease Observed - Not Observed		Date: 28/05/2025
37	PUBLIC HEARING	The Project Proponent must demonstrate commitment to work towards 'Zero Harm' from their mining activities and carry out Health Risk Assessment (HRA) for identification workplace hazards and assess their potential risks to health and determine appropriate control measures to protect the health and wellbeing of workers and nearby community. The proponent shall maintain accurate and systematic records of the I-IRA. The I-IRA for neighborhood has to focus on Public Health Problems like Malaria, Tuberculosis, HIV, Anaemia, Diarrhoea in children under five, respiratory infections due to bio

		mass cooking. The proponent shall also create awareness and educate the nearby community and workers for Sanitation, Personal Hygiene, Hand washing, not to defecate in open, Women Health and Hygiene (Providing Sanitary Napkins), hazard of tobacco and alcohol use. The Proponent shall carryout base line I-IRA for all the category of workers and thereafter every five years.
PPs Submission: Complied Company has Zero Harm Goal Policy and periodically identified the hazards and preventive action are being taken. The best practices have been implemented to maintain vibration, fly rocks, dust emission, noise level and all parameters are well within the limit. Mobile medical check-up camps are being organized at all nearby villages for treatment and medicine free of cost.		Date: 28/05/2025
38	PUBLIC HEARING	The Proponent shall carry out Occupational health surveillance which be a part of HRA and include Biological Monitoring where practical and feasible, and the tests and investigations relevant to the exposure (e.g. for Dust a X-Ray chest; For Noise Audiometric; for Lead Exposure Blood Lead, For Welders Full Ophthalmologic Assessment; for Manganese Miners a complete Neurological Assessment by a Certified Neurologist, and Manganese (Mn) Estimation in Blood; For Inorganic Chromium- Fortnightly skin inspection of hands and forearms by a responsible person. Except routine tests all tests would be carried out in a Lab accredited by NABH. Records of Health Surveillance must be kept for 30 years, including the results of and the records of Physical examination and tests. The record of exposure due to materials like Asbestos, Hard Rock Mining, Silica, Gold, Kaolin, Aluminium, Iron, Manganese, Chromium, Lead, Uranium need to be handed over to the Mining Department of the State in case the life of the mine is less than 30 years. It would be obligatory for the State Mines Departments to make arrangements for the safe and secure storage of the records including X-Ray. Only conventional X-Ray will be accepted for record purposes and not the digital one) must meet ILO criteria (17 x14 inches and of good quality).
PPs Submission: Complied Pre-employment medical check-up are being carried out considering the parameter as per DGMS.		Date: 28/05/2025
39	PUBLIC HEARING	The Proponent shall maintained a record of performance indicators for workers which includes (a) there should not be a significant decline in their Body Mass Index and it should stay between 18.5 - 24.9, (b) the Final Chest X-Ray compared with the base line X-Ray should not show any capacities ,(c) At the end of their leaving job there should be no Diminution in their Lung Functions Forced Expiratory Volume in one second (FEV1) , forced vital capacity (FVC) and the ratio unless they are smokers which has to be adjusted and the effect of age , (d) their hearing should not be affected . as a proof an Audiogram (first and last need to be presented), (e) they should not have developed any persistent back pain, neck pain and the movement of their Hip, Knee and other joints should have normal range of movement, (f) they should not have suffered loss of any body part. The record of the same should be submitted to the regional office. MoEF&CC annually along with details of the relief and compensation paid to workers having above indications.
PPs Submission: Complied Unit is maintaining record of performance indicators for workers. There is not any abnormality has been reported till date, therefore no any relief and compensation required to paid to the workers.		Date: 28/05/2025
40	PUBLIC HEARING	The Project Proponent shall ensure that 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.
PPs Submission: Complied PPEs have been provided and used by the persons engaged in drilling, dozing and loading. VT is being provided as under required VT Rules.		Date: 28/05/2025
41	PUBLIC HEARING	Project Proponent shall make provision for the housing for workers/labors or shall construct labor camps within/outside (company owned land) with necessary basic infrastructure/facilities like fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, crèche for kids etc. The housing may be provided in the form of temporary structures which can be removed after the completion of the project related infrastructure. The domestic waste water should be treated with STP in order to avoid contamination of underground water.
PPs Submission: Complied All workers engaged belong to the local area and they are living in their own houses, therefore temporary structure/ hutment is not required. Employees are residing in colony situated at Nimbahera Cement Plant, where all basic facilities are available.		Date: 28/05/2025
42	PUBLIC HEARING	The activities proposed in Action plan prepared for addressing the issues raised during the Public Hearing shall be completed as per the budgetary provisions mentioned in the Action Plan and within the stipulated time frame. The Status Report on implementation of Action Plan shall be submitted to the concerned Regional Office of the Ministry along with District Administration.
PPs Submission: Complied Kindly refer to the point no. 10		Date: 28/05/2025
43	Corporate Environmental Responsibility	The activities and budget earmarked for Corporate Environmental Responsibility (CER) as per Ministry's O. M. No. 22-65/2017-IA. II (M) dated 01.05.2018 or as proposed by EAC should be kept in a separate bank account. The activities proposed for CER shall be implemented in a time bound manner and annual report of implementation of the same along with documentary proof viz. photographs, purchase documents, latitude & longitude of infrastructure developed & road constructed needs to be submitted to Regional Office MoEF&CC annually along with audited statement.
PPs Submission: Complied Activities proposed for CER are being implemented in a time bound manner and annual report of implementation of the same has been submitted to Regional Office MoEF and CC.		Date: 28/05/2025
44	Corporate Environmental Responsibility	Project Proponent shall keep the funds earmarked for environmental protection measures in a separate account and refrain from diverting the same for other purposes. The Year wise expenditure of such funds should be reported to the MoEF&CC and its concerned Regional Office.
PPs Submission: Complied Complied with		Date: 28/05/2025
45	MISCELLANEOUS	The Project Proponent shall prepare digital map (land use & land cover) of the entire lease area once in five years purpose of monitoring land use pattern and submit a report to concerned Regional Office of the MoEF&CC.

PPs Submission: Complied Digital processing report of the entire lease area has been submitted on 02.03.2020 vide letter No.: NBH/PC-14/C12/5905.		Date: 28/05/2025
46	MISCELLANEOUS	The Project Authorities should inform to the Regional Office regarding date of financial closures and final approval of the project by the concerned authorities and the date of start of land development work.
PPs Submission: Complied This is the existing captive limestone mine and Project cost after expansion is 49.29 Crores.		Date: 28/05/2025
47	MISCELLANEOUS	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the MOEF&CC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.
PPs Submission: Complied Latest six- monthly compliance reports on the status of the implementation of the stipulated environmental safeguards were sent through email on 30.11.2024 to the MoEF and CC, CPCB and RPCB vide our letter No.: NBH/PC-14/C13, dated 25.11.24.		Date: 28/05/2025
48	MISCELLANEOUS	The above conditions will be enforced inter-alia, under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986 and the Public Liability Insurance Act, 1991 along with their amendments and rules made there under and also any other orders passed by the Hon'ble Supreme Court of India/High Court of Chhattisgarh and any other Court of Law relating to the subject matter.
PPs Submission: Complied Noted and Agreed		Date: 28/05/2025
49	MISCELLANEOUS	Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
PPs Submission: Complied Noted and Agreed		Date: 28/05/2025
50	MISCELLANEOUS	This issues with the approval of competent Authority.
PPs Submission: Complied Noted		Date: 28/05/2025
Visit Remarks		
Last Site Visit Report Date:		N/A
Additional Remarks:		
<p>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.</p>		

J.K Cement WORKS, Nimbahera (Raj.)**KARUNDA LIMESTONE MINE****MONTHLY AVERAGE AMBIENT AIR QUALITY REPORT****October'2024- March'2025****AMBIENT AIR QUALITY RESULTS : (ALL VALUES IN μ /M3)**

Month	Near Mine Office					Near Ravana Office				
	PM10	PM2.5	SO2	NOx	CO	PM10	PM2.5	SO2	NOx	CO
Oct-24	40.9	26.3	5.5	17.3	376	43.1	28.9	8.8	16.2	390
Nov-24	45.6	28.9	6.3	19.8	398	48.4	30.1	10.2	18.5	530
Dec-24	50.2	30.2	6.7	16.2	421	52.6	32.8	11.8	20.2	698
Jan-25	61.2	31.5	10.8	15.9	372	58.4	30.6	10.8	19.5	367
Feb-25	59.9	35.6	10.2	18.1	429	60.1	34.5	10.4	20.2	415
Mar-25	68.9	38.7	9.5	18.8	453	62.5	40.7	10.3	21.4	436
Average	54.5	31.9	8.2	17.7	408	54.2	32.9	10.4	19.3	473



Report No. 20241227036/A

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/02:30PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Near Mine Office (Karunda Mine)
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Duration of Survey	Minutes	484
2.	Average Flow rate for PM ₁₀	M ³ / Min	1.155
3.	Ambient Temperature	°C	24.4
4.	Relative Humidity	%	35

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	69.84	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	28.83	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	7.59	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	9.80	80

BDL- Below Detection Limit

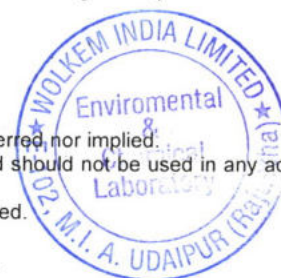
Tested By

Leena
(Leena Sharma)
Chemist



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 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 after 15 days from the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.



Report No. 20241227036/B

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/02:30PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Near Mine Office (Karunda Mine)
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	24.4
2.	Relative Humidity	%	35

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.29	04 (1 hour)

Tested By

Leena
(Leena Sharma)
Chemist



Authorized Signatory

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 after 15 days from the date of issue of test certificate unless otherwise specified.
5. Any discrepancy in test results should be reported within 15 days.

Report No. 20241227037/A

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/03:00PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Near Ravana Office (Karunda Mine)
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Duration of Survey	Minutes	482
2.	Average Flow rate for PM ₁₀	M ³ / Min	1.165
3.	Ambient Temperature	°C	24.7
4.	Relative Humidity	%	32

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	58.29	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	30.20	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	6.42	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	8.25	80

BDL- Below Detection Limit

Tested By

Leena
(Leena Sharma)
Chemist



Authorized Signatory

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



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
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5. Any discrepancy in test results should be reported within 15 days.



Report No. 20241227037/B

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/03:00PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Near Ravana Office (Karunda Mine)
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	24.7
2.	Relative Humidity	%	32

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.26	04 (1 hour)

Tested By

Leena
(Leena Sharma)
Chemist

Authorized Signatory

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



Note

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Report No. 20241227040/A

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 26.12.2024/07:30AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Charlia Gadia village, Karunda
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Duration of Survey	Minutes	484
2.	Average Flow rate for PM ₁₀	M ³ / Min	1.16
3.	Ambient Temperature	°C	15.6
4.	Relative Humidity	%	66

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	61.36	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	31.33	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	7.03	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	8.48	80

BDL- Below Detection Limit

Tested By

Leena
(Leena Sharma)
Chemist



Authorized Signatory

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



Note

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Report No. 20241227040/B

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 26.12.2024/07:30AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Charlia Gadia village, Karunda
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	15.6
2.	Relative Humidity	%	66

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.25	04 (1 hour)

Tested By

Leena
(Leena Sharma)
Chemist



Authorized Signatory

Amresh Kumar
(Amresh Kumar)
Dy.GM (Technical)



Note

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Report No. 20241227041/A

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 26.12.2024/08:10AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Karunda village
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Duration of Survey	Minutes	483
2.	Average Flow rate for PM ₁₀	M ³ / Min	1.16
3.	Ambient Temperature	°C	16.1
4.	Relative Humidity	%	65

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
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Chemical Testing - Atmospheric Pollution - Ambient Air

1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	55.53	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	27.63	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	6.43	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	8.22	80

BDL- Below Detection Limit

Tested By

Leena
(Leena Sharma)
Chemist



Authorized Signatory

Amresh Kumar
(Amresh Kumar)
Dy.GM (Technical)



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Report No. 20241227041/B

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 26.12.2024/08:10AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Karunda village
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	16.1
2.	Relative Humidity	%	65

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.30	04 (1 hour)

Tested By


(Leena Sharma)
Chemist

Authorized Signatory


(Amreesh Kumar)
Dy.GM (Technical)



Note

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Report No.20250307039/A

ULR No. TC594125000000974F

Report Issue Date: 13.03.2025

TEST REPORT




1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/07:45AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Near Mine Office (Karunda Mine)
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	25.6
2.	Relative Humidity	%	57

Results Ambient Air Quality

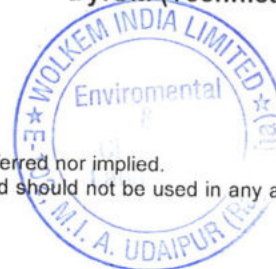
S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	PM ₁₀	IS:5182 (Part-23)	µg/m ³	66.81	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	32.38	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	8.29	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	10.16	80

Tested By


(Tarun Menaria)
Sr.Chemist

Authorized Signatory


(Amreesh Kumar)
Dy.GM (Technical)



Note

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CIN- U29299RJ1971PLC001379

Report No. 20250307039/B

Report Issue Date: - 13.03.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/07:45AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Near Mine Office (Karunda Mine)
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	25.6
2.	Relative Humidity	%	57

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	0.31	04 (1 hour)

Tested By

Authorized Signatory


(Tarun Menaria)
Sr.Chemist




(Amreesh Kumar)
Dy.GM (Technical)



Note

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

CIN- U29299RJ1971PLC001379



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Certificate No.
01130126322

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Report No.20250307040/A

ULR No. TC594125000000975F

Report Issue Date: 13.03.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/08:05AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Near Ravana Office (Karunda Mine)
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual




S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	25.8
2.	Relative Humidity	%	58

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	61.21	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	31.26	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	7.16	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	9.03	80

Tested By

Authorized Signatory


(Tarun Menaria)
Sr.Chemist




(Amreesh Kumar)
Dy.GM (Technical)



Note

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Report No. 20250307040/B

Report Issue Date: - 13.03.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/08:05AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Near Ravana Office (Karunda Mine)
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	25.8
2.	Relative Humidity	%	58

Results Ambient Air Quality

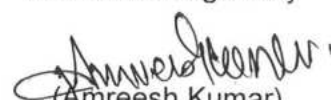
S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.30	04 (1 hour)

Tested By


(Tarun Menaria)
Sr.Chemist



Authorized Signatory


(Amreesh Kumar)
Dy.GM (Technical)



Note

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Page 1 of 1
End of Report

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CIN- U29299RJ1971PLC001379



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Report No.20250307043/A

ULR No. TC594125000000978F

Report Issue Date: 13.03.2025

TEST REPORT



1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/04:15PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Charlia Gadia village, Karunda
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual


S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	32.2
2.	Relative Humidity	%	19

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	65.22	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	34.95	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	7.38	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	8.79	80

Tested By

Authorized Signatory


(Tarun Menaria)
Sr.Chemist




(Amreesh Kumar)
Dy.GM (Technical)



Note

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CIN- U29299RJ1971PLC001379



Report No. 20250307043/B

Report Issue Date: - 13.03.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District - Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/04:15PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Charlia Gadia village, Karunda
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	32.2
2.	Relative Humidity	%	19

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	0.26	04 (1 hour)

Tested By


(Tarun Menaria)
Sr.Chemist

Authorized Signatory


(Amresh Kumar)
Dy.GM (Technical)



Note

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

CIN- U29299RJ1971PLC001379



OHSAS
Certificate No.
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Report No.20250307044/A

ULR No. TC59412500000979F

Report Issue Date: 13.03.2025

TEST REPORT



1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/04:40PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Karunda village
9. Method of Sampling : IS: 5182(Part 2,6,23) & Instrument Manual


S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	31.9
2.	Relative Humidity	%	17

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	58.38	100
2.	PM _{2.5}	WIL/SOP No. 10/25 Issue date 01.05.2019	µg/m ³	31.69	60
3.	SO ₂	IS:5182 (Part-2)	µg/m ³	7.07	80
4.	NO ₂	IS:5182 (Part-6)	µg/m ³	9.01	80

Tested By

Authorized Signatory


(Tarun Menaria)
Sr.Chemist




(Amresh Kumar)
Dy.GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrish.malik@wolkem.com
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Report No. 20250307044/B

Report Issue Date: - 13.03.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/04:40PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Karunda village
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	31.9
2.	Relative Humidity	%	17

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	0.30	04 (1 hour)

Tested By



(Tarun Menaria)
Sr.Chemist



Authorized Signatory



(Amreesh Kumar)
Dy.GM (Technical)



Note

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J.K *Cement* WORKS, Nimbahera (Raj.)
KARUNDA LIMESTONE MINE
MONTHLY AVERAGE OF FUGITIVE DUST MONITORING REPORT
October'2024- March'2025

AMBIENT AIR QUALITY RESULTS : (ALL VALUES IN μ /M3)

Month	3 to10 Meter Distance From drilling Operation				Near loading point			
	SPM	SO2	Nox	CO	SPM	SO2	NOx	CO
Oct-24	320	4.7	22.3	369	276	6.4	24.5	359
Nov-24	465	3.5	18.7	386	311	5.2	7.9	330
Dec-24	468	8.9	16.5	456	363	7.5	18.7	350
Jan-25	417	6.9	17.6	381	392	6.1	21.6	310
Feb-25	402	7.2	16.8	376	398	7.4	20.4	366
Mar-25	389	7.9	15.9	366	402	7.6	19.7	359
Average	410.2	6.5	18.0	389.0	357.0	6.7	18.8	345.7



Report No. 20241227038/A

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/02:10PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : 3-10 meter distance from drilling point of
Karunda Mine
9. Method of Sampling : IS: 5182(Part 2,6,4) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Duration of Survey	Minutes	480
2.	Average Flow rate for PM ₁₀	M ³ / Min	1.13
3.	Ambient Temperature	°C	24.5
4.	Relative Humidity	%	30

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	SO ₂	IS:5182 (Part-2)	µg/m ³	7.48	80
2.	NO ₂	IS:5182 (Part-6)	µg/m ³	11.68	80
3.	SPM	IS:5182 (Part-4)	µg/m ³	384.42	600

Tested By

Leena
(Leena Sharma)
Chemist

Authorized Signatory

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



Note

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Report No. 20241227038/B

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/02:10PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : 3-10 meter distance from drilling point of
Karunda Mine
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	24.5
2.	Relative Humidity	%	30

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.47	04 (1 hour)

Tested By


(Leena Sharma)
Chemist

Authorized Signatory


(Amreesh Kumar)
Dy.GM (Technical)



Note

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Report No. 20241227039/A

Report Issue Date: - 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District - Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/03:30PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Near Loading point of Karunda Mine
9. Method of Sampling : IS: 5182(Part 2,6,4) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Duration of Survey	Minutes	480
2.	Average Flow rate for PM ₁₀	M ³ / Min	1.16
3.	Ambient Temperature	°C	23.4
4.	Relative Humidity	%	42

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	SO ₂	IS:5182 (Part-2)	µg/m ³	7.14	80
2.	NO ₂	IS:5182 (Part-6)	µg/m ³	11.59	80
3.	SPM	IS:5182 (Part-4)	µg/m ³	367.47	600

Tested By

Leena
(Leena Sharma)
Chemist

Authorized Signatory

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



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Report No. 20241227039/B

Report Issue Date: - 06.01.2025

TEST REPORT


1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated:- 21.05.2024
3. Date & Time of Monitoring : 25.12.2024/03:30PM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 27.12.2024
7. Period of Analysis : 27.12.2024 to 06.01.2025
8. Name of Location : Near Loading point of Karunda Mine
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	23.4
2.	Relative Humidity	%	42

Results Ambient Air Quality

S. No	Parameters	Test Method	Unit	Results	NAAQS (CPCB Norms) New Delhi dt. 18 th Nov. 2009
Chemical Testing - Atmospheric Pollution - Ambient Air					
1.	CO	BY CO Meter	mg/m ³	0.40	04 (1 hour)

Tested By


(Leena Sharma)
Chemist

Authorized Signatory


(Amreesh Kumar)
Dy.GM (Technical)

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Report No.20250307041/A

ULR No. TC594125000000976F

Report Issue Date: 13.03.2025

TEST REPORT



TC - 5941

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/10:35AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : 3-10 meter distance from drilling point of
Karunda Mine
9. Method of Sampling : IS: 5182(Part 2,6,4) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.6
2.	Relative Humidity	%	45

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	8.04	80
2.	NO ₂	IS:5182 (Part-6)	µg/m ³	12.75	80
3.	SPM	IS:5182 (Part-4)	µg/m ³	406.06	600

Tested By

(Tarun Menaria)
Sr.Chemist



Authorized Signatory

(Amreesh Kumar)
Dy.GM (Technical)



Note

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Report No. 20250307041/B

Report Issue Date: - 13.03.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/10:35AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : 3-10 meter distance from drilling point of
Karunda Mine
9. Method of Sampling : Instrument Manual


S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.6
2.	Relative Humidity	%	45

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	0.66	04 (1 hour)

Tested By

Authorized Signatory


(Tarun Menaria)
Sr.Chemist




(Amresh Kumar)
Dy.GM (Technical)



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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.20250307042/A

ULR No. TC594125000000977F

Report Issue Date: 13.03.2025

TEST REPORT



1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District - Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/11:05AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Near Loading point of Karunda Mine
9. Method of Sampling : IS: 5182(Part 2,6,4) & Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.9
2.	Relative Humidity	%	43

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	7.51	80
2.	NO ₂	IS:5182 (Part-6)	µg/m ³	12.16	80
3.	SPM	IS:5182 (Part-4)	µg/m ³	377.78	600

Tested By


(Tarun Menaria)
Sr.Chemist

Authorized Signatory




(Amreesh Kumar)
Dy.GM (Technical)



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Report No. 20250307042/B

Report Issue Date: - 13.03.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order Number : 4600001761 Dated: - 21.05.2024
3. Date & Time of Monitoring : 05.03.2025/11:05AM
4. Sample Identification : Air Sample
5. Condition of Sample : Sealed/Ok
6. Sample Received On : 07.03.2025
7. Period of Analysis : 07.03.2025 to 12.03.2025
8. Name of Location : Near Loading point of Karunda Mine
9. Method of Sampling : Instrument Manual

S. No	Monitoring Details	Unit	Results
1.	Ambient Temperature	°C	27.9
2.	Relative Humidity	%	43

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

(Tarun Menaria)
Sr.Chemist



(Amreesh Kumar)
Dy.GM (Technical)



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Page 1 of 1
End of Report

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

CIN- U29299RJ1971PLC001379



OHSAS
Certificate No.
01130126322

Our Commitment.. Your Trust

Water Level Report

JK Cement Works

Generated On

2025-05-10 09:37:34

Generated By

chandra.tiwari@jkcement.com

Period

2024-10-01 00:00:00 - 2025-03-31 23:59:00

Facility Name

JK Cement Works Facility

Sub Locations

Telemetry BW_8 (Maliakhara Mine),Telemetry BW_3 (Ahirpura Mine),Telemetry BW_7 (Karunda Mine),Telemetry BW_2 (Kailash Nagar J K Colony),Telemetry BW_4 (Tilakhara Mine),Telemetry BW_5 (Sushila Nagar),Telemetry BW_9 (Mangrol Mine Mine),Nayagaon Mines,Telemetry BW_1 (Nimbahera Plant), Telemetry BW_6 (Mangrol Plant)

Parameters

Water Level

S.No.	Time	Nayagaon Mines Water Level (m)(avg)	Telemetry BW_1 (Nimbahera Plant) Water Level (m)(avg)	Telemetry BW_2 (Kailash Nagar J K Colony) Water Level (m)(avg)	Telemetry BW_3 (Ahirpura Mine) Water Level (m)(avg)	Telemetry BW_4 (Tilakhara Mine) Water Level (m)(avg)	Telemetry BW_5 (Sushila Nagar) Water Level (m)(avg)	Telemetry BW_6 (Mangrol Plant) Water Level (m)(avg)	Telemetry BW_7 (Karunda Mine) Water Level (m)(avg)	Telemetry BW_8 (Maliakhara Mine) Water Level (m)(avg)	Telemetry BW_9 (Mangrol Mine Mine) Water Level (m)(avg)
1	2024-10-01 00:00:00:000	2.33	5.22	1.21	5.25	9.71	6.47	5.43	6.22	6.84	13.39
2	2024-11-01 00:00:00:000	3.39	6.9	1.88	7.5	13.82	5.68	9.72	8.59	13.58	16.35
3	2024-12-01 00:00:00:000	7.48	7.63	2.71	8.66	17.55	16.46	16.16	11.44	17.04	25.73
4	2025-01-01 00:00:00:000	9.64	8.12	4.53	12.14	19.97	27.41	18.98	12.35	18.92	29.35
5	2025-02-01 00:00:00:000	10.8	9.51	6.74	15.75	21.81	35.06	20.58	13.0	27.45	38.17
6	2025-03-01 00:00:00:000	12.32	16.37	8.17	19.1	25.28	32.48	22.12	13.94	31.83	43.16



Laboratory : E- 102, Mewar Industrial Area, Madri, Udaipur - 313003, Rajasthan (INDIA)



INDIA LIMITED

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

www.wolkem.com

Report No. 20241111163

Report Issue Date: - 20.11.2024

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600001761 Dated:- 21.05.2024
3. Sample Identification : Ground water
4. Condition of Sample : Sealed/Ok
5. Date & Time of Sampling : 08.11.2024/04:55PM
6. Sample received on : 11.11.2024
7. Period of Analysis : 11.11.2024 to 20.11.2024
8. Name of Sample & Location : Potable & Domestic water (Mines Office Tube well Ground water)
9. Method of Sampling : IS:3025 (Pt 1) 1987

S. No	Environment Condition	Unit	Results
1.	Ambient Temperature	°C	30.1
2.	Relative Humidity	%	26

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

Chemical Testing – Water- Ground Water

1.	pH (at 25°C)	IS:3025(Part-11)	-	7.67	6.5 to 8.5	No Relaxation
2.	Conductivity (at 25°C)	IS:3025(Part-14)	µs/cm	391.2	-	-
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	0.40	1	5
6.	Total Dissolve Solid	IS:3025(Part-16)	mg/L	244	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	138	200	600
9.	Calcium as Ca ²⁺	IS:3025(Part-40)	mg/L	40.0	75	200
10.	Magnesium as Mg ²⁺	IS:3025(Part-46)	mg/L	9.1	30	100
11.	Total Alkalinity	IS:3025(Part-23)	mg/L	82	200	600
12.	Chlorides as Cl ⁻	IS:3025(Part-32)	mg/L	37	250	1000
13.	Oil & Grease	IS:3025(Part-39)	mg/L	BDL(<0.4)	-	-
14.	Fluoride as F ⁻	APHA 23rd Ed., 4500 FD	mg/L	BDL(<0.1)	1.0	1.5

Chemical Testing – Residues – Ground water

15.	Iron as Fe	APHA 23rd 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

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Page 1 of 1
End of Report



TC - 5941



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

Our Commitment.. Your Trust

Report No. 20241111164

Report Issue Date: - 20.11.2024

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600001761 Dated:- 21.05.2024
3. Sample Identification : Ground water
4. Condition of Sample : Sealed/Ok
5. Date & Time of Sampling : 08.11.2024/05:15PM
6. Sample received on : 11.11.2024
7. Period of Analysis : 11.11.2024 to 20.11.2024
8. Name of Sample & Location : Potable & Domestic water
(Hand pump Near village Charliya Ground water)
9. Method of Sampling : IS:3025 (Pt 1) 1987

S. No	Environment Condition	Unit	Results
1.	Ambient Temperature	°C	30.1
2.	Relative Humidity	%	25

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

Chemical Testing – Water- Ground Water


1.	pH (at 25°C)	IS:3025(Part-11)	-	7.71	6.5 to 8.5	No Relaxation
2.	Conductivity (at 25°C)	IS:3025(Part-14)	µs/cm	627	-	-
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	400	500	2000
7.	Total Suspended Solid	IS:3025(Part-17)	mg/L	06	-	-
8.	Total Hardness as CaCO ₃	IS:3025(Part-21)	mg/L	244	200	600
9.	Calcium as Ca ²⁺	IS:3025(Part-40)	mg/L	72	75	200
10.	Magnesium as Mg ²⁺	IS:3025(Part-46)	mg/L	15.4	30	100
11.	Total Alkalinity	IS:3025(Part-23)	mg/L	80	200	600
12.	Chlorides as Cl ⁻	IS:3025(Part-32)	mg/L	60	250	1000
13.	Oil & Grease	IS:3025(Part-39)	mg/L	BDL(<0.4)	-	-
14.	Fluoride as F ⁻	APHA 23rd Ed., 4500 FD	mg/L	0.50	1.0	1.5

Chemical Testing – Residues – Ground water

15.	Iron as Fe	APHA 23rd Ed.3111B	mg/L	BDL(<0.1)	0.3	No Relaxation
-----	------------	--------------------	------	-----------	-----	---------------

BDL-Below Detection Limit

Tested By


(Manali Vyas)
Chemist

Authorized Signatory

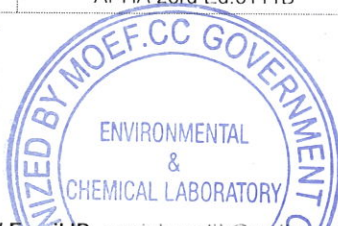

(Puran Singh)
Asst.Officer

Note

1. Complaint Register is available in lab / Email ID 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 after 15 days from 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



TC - 5941



Report No. 20241111165

Report Issue Date: - 20.11.2024

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600001761 Dated:- 21.05.2024
3. Sample Identification : Ground water
4. Condition of Sample : Sealed/Ok
5. Date & Time of Sampling : 08.11.2024/05:35PM
6. Sample received on : 11.11.2024
7. Period of Analysis : 11.11.2024 to 20.11.2024
8. Name of Sample & Location : Potable & Domestic water
(Karunda Mine Pit-water Surface water)
9. Method of Sampling : IS:3025 (Pt 1) 1987

S. No	Environment Condition	Unit	Results
1.	Ambient Temperature	°C	30.0
2.	Relative Humidity	%	24

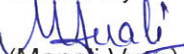
S. No.	Parameters	Test Method	Unit	Results	Limits :- IS-10500:2012	
					Acceptable	Permissible

Chemical Testing – Water- Potable Water						
1.	pH (at 25°C)	IS:3025(Part-11)	-	7.89	6.5 to 8.5	No Relaxation
2.	Conductivity (at 25°C)	IS:3025(Part-14)	µs/cm	457.6	-	-
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	288	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	45.6	75	200
10.	Magnesium as Mg ²⁺	IS:3025(Part-46)	mg/L	18.2	30	100
11.	Total Alkalinity	IS:3025(Part-23)	mg/L	82	200	600
12.	Chlorides as Cl ⁻	IS:3025(Part-32)	mg/L	41	250	1000
13.	Oil & Grease	IS:3025(Part-39)	mg/L	BDL(<0.4)	-	-
14.	Fluoride as F ⁻	APHA 23rd Ed., 4500 FD	mg/L	BDL(<0.1)	1.0	1.5


Chemical Testing – Residues – Potable water						
15.	Iron as Fe	APHA 23rd Ed.3111B	mg/L	BDL(<0.1)	0.3	No Relaxation

BDL-Below Detection Limit

Tested By


(Manali Vyas)
Chemist

Authorized Signatory


(Purnan Singh)
Asst. Officer

Note

- Complaint Register is available in lab / Email ID amrishi.malik@wolkem.com
- The results listed refer only to the tested sample (s) and parameter (s) Endorsement of product is neither inferred nor implied.
- 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.
- The samples will be destroyed after 15 days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test results should be reported within 15 days.

Page 1 of 1
End of Report



TC - 5941





Report No.20241111202

Report Issue Date: - 14.11.2024

TEST REPORT

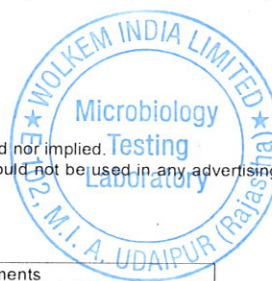
1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order No. : 4600001761 Dated:- 21.05.2024
3. Sample Identification : Potable water
4. Condition of sample : Sealed/Ok
5. Source/ Location : Potable & Domestic water
(Mines Office Tube well Ground water)
6. Sampling done by : Environmental & Chemical Laboratory, Wolkem India Limited
7. Sample Received on : 11.11.2024
8. Period of Testing : 11.11.2024 to 13.11.2024
9. Environmental conditions : N/A
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



Amrisha Kumar
Amrisha Kumar
Dy.GM [Technical]



Note:

- Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
- The results listed refer only to the tested sample (s) and parameters (s) Endorsement of product is neither inferred nor implied.
- 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.
- The samples will be destroyed after 07 days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test results should be reported within 03 days.
- 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.20241111203

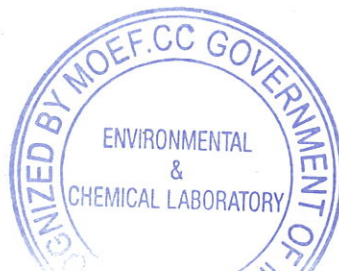
Report Issue Date: - 14.11.2024

TEST REPORT

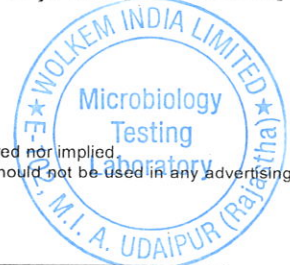
1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order No. : 4600001761 Dated:- 21.05.2024
3. Sample Identification : Potable water
4. Condition of sample : Sealed/Ok
5. Source/ Location : Potable & Domestic water
(Hand pump Near village Charliya Ground water)
6. Sampling done by : Environmental & Chemical Laboratory, Wolkem India Limited
7. Sample Received on : 11.11.2024
8. Period of Testing : 11.11.2024 to 13.11.2024
9. Environmental conditions : N/A
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 after 07 days from 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.20241111204

Report Issue Date: - 14.11.2024

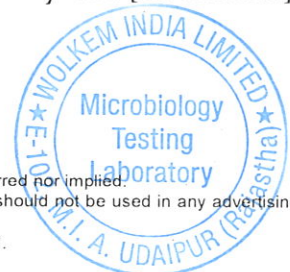
TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase Order No. : 4600001761 Dated:- 21.05.2024
3. Sample Identification : Potable water
4. Condition of sample : Sealed/Ok
5. Source/ Location : Potable & Domestic water
(Karunda Mine Pit-water Surface water)
6. Sampling done by : Environmental & Chemical Laboratory, Wolkem India Limited
7. Sample Received on : 11.11.2024
8. Period of Testing : 11.11.2024 to 13.11.2024
9. Environmental conditions : N/A
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


Animesh Kumar
Dy.GM [Technical]

**Note:**

- Complaint Register is available in lab / Email ID animesh.malik@wolkem.com
- The results listed refer only to the tested sample (s) and parameters (s) Endorsement of product is neither inferred nor implied.
- 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.
- The samples will be destroyed after 07 days from the date of issue of test certificate unless otherwise specified.
- Any discrepancy in test results should be reported within 03 days.



Date/Time Vert at 13:42:57 January 25, 2025
Trigger Source Geo: 0.500 mm/s
Range Geo: 254.0 mm/s
Record Time 3.0 sec at 2048 sps
Operator/Setup: Operator/kdm RAJESH.mmb

Serial Number UM19523 V 10-90GC Micromate ISEE
Battery Level 3.8 Volts
Unit Calibration October 5, 2023 by UES New Delhi
File Name UM19523_20250125134257.IDFW

Notes

Location: KARUNDA LIMESTONE MINE
Client: JK CEMENT WORKS, NIMBAHERA
User Name: JK CEMENT WORKS, NIMBAHERA
General: LIMESTONE MINE

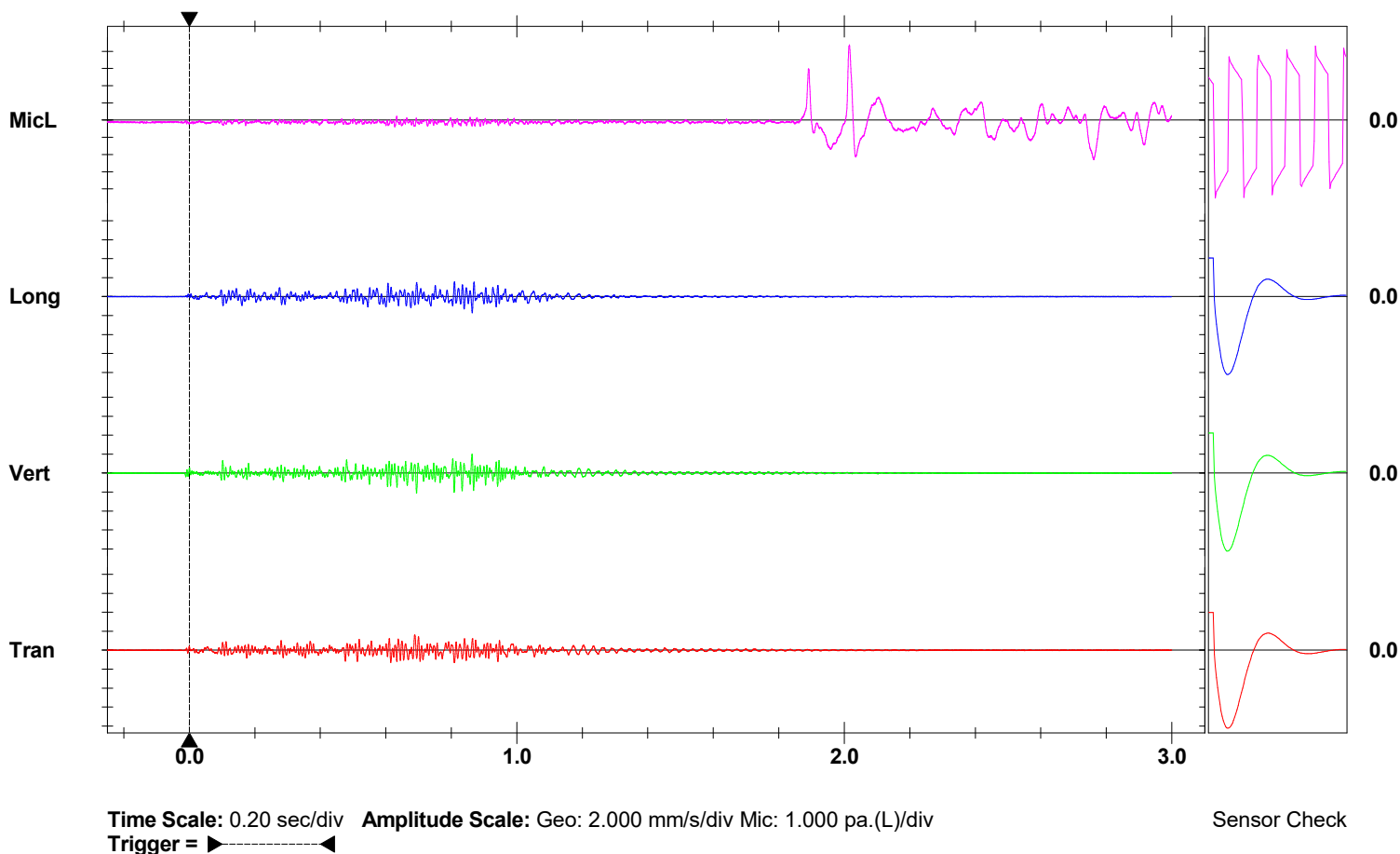
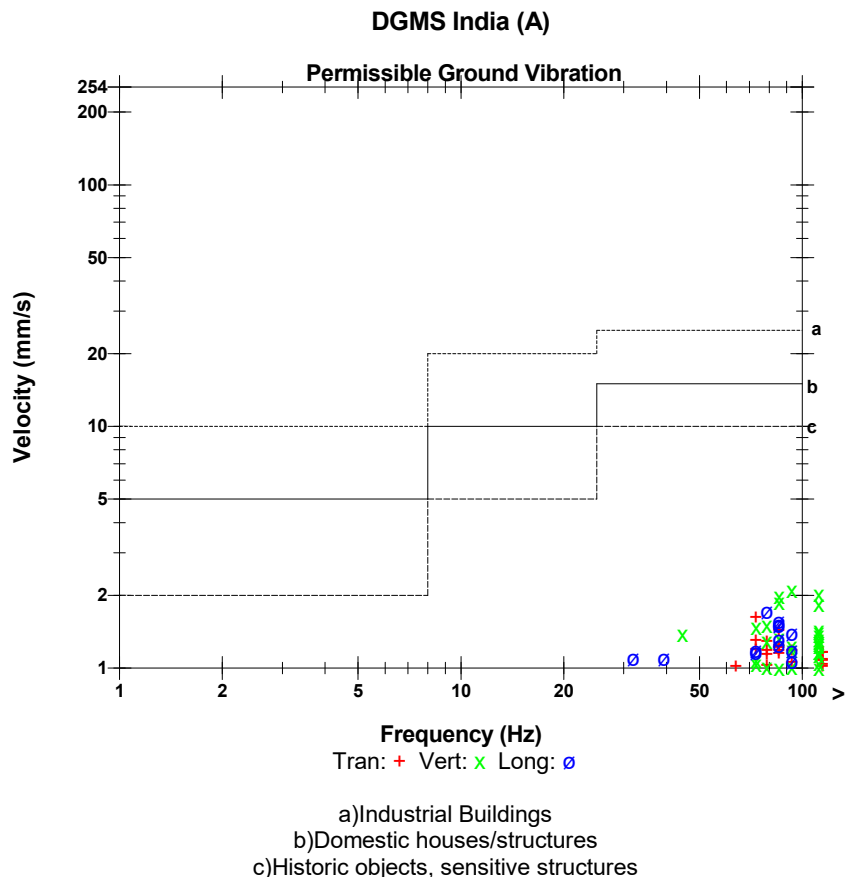
Post Event Notes

Bench-III-E, S-pit, Face E-W, B Id=8--120
 No. of holes=14, Ch./Delay=37.68 Kg
 Vibration monitor 300 m SOUTH side of blasting face towards pippliya Village .No fly rock, No back break, good fragmentation and

Microphone Linear Weighting
PSPL 4.375 pa.(L) at 2.016 sec
ZC Freq 21 Hz
Channel Test Passed (Freq = 20.5 Hz Amp = 1245 mv)

	Tran	Vert	Long	
PPV	1.624	2.112	1.718	mm/s
ZC Freq	73	93	79	Hz
Time (Rel. to Trig)	0.688	0.694	0.864	sec
Peak Acceleration	0.094	0.137	0.089	g
Peak Displacement	0.004	0.004	0.004	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.3	7.5	7.3	Hz
Overswing Ratio	4.6	4.4	4.5	

Peak Vector Sum 2.829 mm/s at 0.809 sec



Annexure-6				
<u>J.K. Cement WORKS, Nimbahera (RAJ)</u> <u>KARUNDA LIMESTONE MINE</u> Noise Monitoring Report (All Values in dB) <u>HALF YEARLY REPORT (October' 2024 to March' 2025) FY 2024-25</u>				
Month	Near Mine Office		Near Ravana Office	
	Day	Night	Day	Night
Oct-24	55.6	43.4	58.9	47.7
Nov-24	60.4	47.8	58.7	46.3
Dec-24	62.3	49.8	62.3	46.5
Jan-25	65.9	53.3	64	48.3
Feb-25	66.3	52.7	65.2	50.3
Mar-25	62.3	51.6	63.4	52.1
Average	62.1	49.8	62.1	48.5



Report Issue Date: 06.01.2025

TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600001761 Dated:- 21.05.2024
3. Date of Monitoring : 25.12.2024 to 26.12.2024
4. Sample Identification : Noise Monitoring
5. Condition of Sample : NA
6. Sample Received On : 27.12.2024
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.	Near Mine Office, Karunda Mine	20241227042	67.5	58.3	55.4	53.4
2.	Near Ravana Office, Ravana Mine	20241227043	68.4	61.8	57.3	51.7

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

Leena
(Leena Sharma)
Chemist



Authorized Signatory

Amresh Kumar
(Amresh Kumar)
Dy. GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrish.malik@wolkem.com
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5. Any discrepancy in test results should be reported within 15 days.

Page 1 of 1
End of Report



TC - 5941





ULR No. TC59412500000980F-981F

Report Issue Date: 13.03.2025



TEST REPORT

1. Name of Customer : Karunda Limestone Mine,
ML No. 03/2003,
M/s J.K. Cement Works Nimbahera,
Tehsil - Nimbahera, District – Chittorgarh,
State- Rajasthan (INDIA),
2. Purchase order Number : 4600001761 Dated: - 21.05.2024
3. Date of Monitoring : 05.03.2025
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.	Near Mine Office, Karunda Mine	20250307045	66.4	57.6	54.3	52.8
2.	Near Ravana Office, Ravana Mine	20250307046	67.9	60.7	56.8	50.9

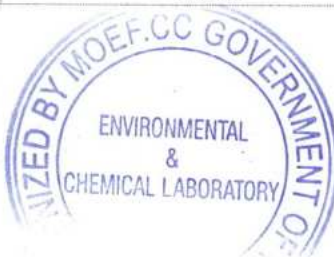
CPCB Norms

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

(Tarun Menaria)
Chemist



(Amreesh Kumar)
Dy. GM (Technical)



Note

1. Complaint Register is available in lab / Email ID amrisha.malik@wolkem.com
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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

mobile
6378153429

Punch No - 100360011

Form A - 126
KDM.

Annexure - 7

FORM - O

(See rule 29F (2) and 29L)

Report of Medical Examination under rule 29 B

(To be issued in triplicate **)

Certificate No.....

Certified that shri **VISHNU GAYARI S/O GOPAL GAYARI** employed as **HELPER, at KARUNDA LIME STONE MINES, SHRI BHERUNATH GOODS** Form A No. has been examined for an **initial / periodical** medical examination. He appears to be **22** years of age.

The findings of the examining authority are given in the attached sheet. It is considered that -

VISHNU GAYARI S/O GOPAL GAYARI.

(a) * is medically fit for any employment in mines,

(b) * is suffering fromand is medically unfit for -

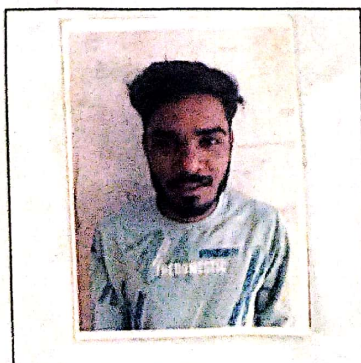
(i) any employment in mine ; or

(ii) any employment below ground ; or

(iii) any employment or work

(c) * is suffering fromshould get this disability cured / controlled * and should be again examined within a period ofmonths. He will appear for re-examination with the result of test of and the opinion of

Specialist from He may be permitted / not permitted * to carry on his duties during this period



14/10/24
Dr. S. K. CHAUDHARY
C.M.O.
J. K. Cement Works
NIMBAHERA (Raj.)
Reg. No. 21732

Signature of the examining
Authority
Dr. Volga Kishwar
Authorized Medical Officer
J. K. Cement works
Nimbahera (Raj.)
Reg. No.: MP-20516
Name and designation in
Block letters.

*Delete whatever is not applicable** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post ; and the third copy shall be retained by the examining authority.

FORM - O (Continued)

8.

Report of the examination authority

(To be filled in for every medical examination weather initial or periodical or re- examination or after cure / control of disability)

Annexure to certificate No. _____ as a result of medical examination on _____

Identification Mark mole on Rt shoulder

Mishnu Gayari of
Gopal Gayari

Left thumb impression of the candidate.

1. General Development

Good / ☒ Fair / Poor

2. Height 160 cms.

3. Weight 56 kg.

4. Eyes :-

(i) Visual acuity 6/6 Distance vision (with or without glasses)

(ii) Any organic disease of eyes None

(iii) Night blindness No

(iv) Color blindness No

(v) Squint _____

(to be tested in special cases)

5. Ears :-

(i) Hearing Right ear (N) Left ear (N)

(ii) Any organic disease None

6. Respiratory system (Chest measurement) :-

(i) After full inspiration 90 cms.

(ii) After full expiration 86 cms.

7. Circulatory system :-

(i) Blood Pressure 110/70 mm of Hg

(ii) Pulse 82/min

8. Abdomen :-

- (i) Tenderness----- Absent
(ii) Liver-----
(iii) Spleen-----
(iii) Tumor-----
- Not palpable.

9. Nervous system :-

- (i) History of fits or epilepsy----- No.
(ii) Paralysis----- No.
(iii) Mental Health----- Fair

10. Locomotors system----- Normal

11. Skin----- Normal.

12. Hernia----- No.

13. Hydrocele----- No.

14. Any other abnormality----- None.

15. Urine :-

- (i) Reaction----- Acidic
(ii) Albumin----- Nil
(iii) Sugar----- Nil

16. Skiagram of chest. Normal

17. Any other test considered necessary by the examining authority. -----

18. Any opinion of specialist considered necessary-----

Place: - Nimbahera

DE-8-14/09/24
J. K. CHAUDHARY
C.M.O.
J. K. Cement Works
NIMBAHERA (Raj.)
Reg. No. 21732

Signature of the examining Authority.
Dr. V. K. Rathwar
Medical Officer
Nimbahera (Raj.)
Reg. No. 20816

Report of Medical Examination under Mines Rules 29 B

(To be used in continuation of Form O)

Certificate No.: -

Name: - VISHNU GAYARI S/O GOPAL GAYARI.

Identification Marks: - Mole on (R) shoulder.

Result of Lung Function Test (Spirometry)

Particulars	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)	03.20	02.81	088
Forced Vital Capacity -1 (FEV)	02.81	02.81	100
FEV-1 / FVC	87.81	100.00	114
Peak Expiratory Flow	08.77	08.69	099

Spirometry report enclosed

14/10/24
Dr. S. K. CHAUDHARY
C.M.O.
J. K. Cement Works
NIMBAHERA (Raj.)
Reg. No. 21732

Signature of V. K. Kaithwar
Medical Officer
J. K. Cement Works
Nimbahera (Raj.)
Reg. No.: MP-10816
Regd. No.

04. Audiometry Findings:-

Conduction Type	Left Ear	Right Ear
Ear Conduction	✓ Normal / Abnormal	✓ Normal / Abnormal
Bone Conduction	✓ Normal / Abnormal	✓ Normal / Abnormal

Enclosed Audiometry Report


05. Pathological / Microbiological Investigations: -


Sr. No.	Tests	Findings
01.	Blood- Tlc, Dlc, Hb, ESR, Platelets	✓ WNL / Abnormal
02.	Blood Sugar – Fasting & PP	✓ WNL / Abnormal
03.	Lipid Profile	✓ WNL / Abnormal
04.	Blood Urine , Creatinine	✓ WNL / Abnormal
05.	Urine Routine	✓ WNL / Abnormal
06.	Stool Routine	WNL / Abnormal

06. Special Test of Mnref Exposure :-

Behavioral Disturbances		Present / Not Present
Neurological Disturbance	Special Defect	Present / Not Present
	Tremor	Present / Not Present
	Adiadocokinesia	Present / Not Present
	Emotional Changes	Present / Not Present

Any other Test Required NO


Dr. S. K. CHAUDHARY
 C.M.O.
 J. K. Cement Works
 NIMBAHERA (Raj.)
 Reg. No. 21732


 Signature **Dr. V. K. CHAUDHARY**
 Medical Officer
 J. K. Cement Works
 Nimbahera (Raj.)
 Reg. No.: MP-20816
 Regd. No.

Report of Medical Examination as per the recommendations of National Safety Conference in Mines

(To be used in continuation of Form O)

Certificate No.: -

Name: - VISHNU GAYARI S/O GOPAL GAYARI.

Identification Marks: - mole on RH shoulder.

01. Cardio logical Assessment: -

Auscultation	S1	Heard — N
	S2	Heard — N
	Additional Sound	No
Electrocardiographs (12 leads) findings		Normal / Abnormal

Enclosed ECG

02. Neurological Assessment: -

Findings	Normal / Abnormal
Superficial Reflexes	Normal
Deep Reflexes	
Peripheral Circulation	
Vibrational Syndromes	

03. ILO Classifications of Chest Radiograph: -

Profusion of Pneumoconiosis opacities	Grade	Types
Present / Absent	-	-

Enclose Chest Radiograph

Continued: -

महेन्द्र कुमार
BBS, MS (ophtho)
कनिष्ठ विशेषज्ञ (फोको सर्जन)
राजकीय जिला चिकित्सालय
निम्बाहेड़ा, चित्तौड़गढ़ (राज.)
(RMC.29992/19964)



(नेत्रदान महादान)
फेलोशिप अलख नयन मंदिर उदयपुर
पूर्व चिकित्सक राफदरजंग अस्पताल, नई दिल्ली



Name..... Vishnu Gayari..... Age/Gender..... 22/07
Address..... Kasunda..... Date..... 09/10/24

Rx

Dr 6/6 Nv 6/6 N-6 N-6 CW 6/6

M
024

Fit for vision test

सलू

डॉ. महेन्द्र कुमार
क. विशेषज्ञ (नेत्र)
जिला चिकित्सालय, निम्बाहेड़ा
Reg. No. RMC 19964

Vision	Right Eye				Left Eye			
	SPH	CYL	Axis	B.V	SPH	CYL	Axis	B.V
D.V.								
N.V.								

NOT VALID FOR MEDICO-LEGAL PURPOSE

निवास:- 11 विस्तार योजना पुलिस चौकी के सामने आदर्श कॉलोनी निम्बाहेड़ा (राज.)

Dr. Prakash C. Garwal
MD. Radiodiagnosis
Reg. No. 016040/006501

"गर्भधारण पूर्व या बाद लिंग चयन या भ्रूण के लिंग का पता लगाना दण्डनीय अपराध है। लिंग परीक्षण की शिकायत 104 व 108 पर निःशुल्क दर्ज की जा सकती है।"

Note: 1. No. Ultrasonography finding is pathognomic, all finding are only suggestive, hence they should be reviewed with the relevant clinical history and relevant investigations before embarking upon the final diagnosis and proceeding for management (Medical or Surgical). 2. This is a professional opinion only and not the final Diagnosis. 3. Not all gross & Major Congenital anomalies of fetus are apparent during scanning due to difficult and variable position attained by the fetus. Hence this report does not exclude all gross and major congenital fetal anomalies or Chromosomal Anomalies specially down's Syndrome which could be visible, if scanned later or at any other time. Fetal cardiac anomalies are not included. Adv-Fetal echocardiography whenever suspicion is there. 4. Whenever suspect of congenital anomalies ask for targeted scan along with serum alpha foetoprotein estimation/ Triple marker test correlation. 5. In case of disparity between clinical and sonographic findings, please send patient again for review free of cost. 6. Any typing error or unintentional clerical reporting of removed organs needs immediate correction and if, not feasible correlation and self correction. 7. Even major abnormalities can be missed due to overlying gaseous shadows, patient's obesity or patient's condition. The same could be visualized, at some other time, if visualization window improves. 8. This report is not valid for medicolegal purposes. 9. Subject to Chittorgarh Jurisdiction only.

गर्भवती महिलाएँ सोनोग्राफी के लिए अपने साथ डॉक्टर की पर्ची एवं आधार कार्ड या अन्य कोई परिचय पत्र की फोटो प्रति साथ लावें।



Employee Details :

Report No : NIMB/EMC/2024/00592	Employee Name : VISHNU GAYARI
Age : 22	Gender : Male
Agency : SHREE BHERU NATH GOODS CARRIERS- Nimbahera [NIMB]	Plant/Site : Nimbahera
Department : MINES (Karunda)	Family History :
Identification Mark :	History of any chronic diseases :

Preemployment Checkup Details :

Medical CheckUp Date : 09-Oct-2024

Fitness Status : Fitness
Pending

Check Up For	Results	Unit	Reference Interval
HAEMATOLOGY			
BLOOD GROUP & RH	O+VE		
ESR	08	mm in frist hour	0 - 20 mm in frist hour
CBC			
WBC	7.72	10 ⁹ /L	3.5 - 10.5 10 ⁹ /L
LYM%	41.9 (H)	%	25 - 40 %
MID%	8.6	%	3 - 15 %
GRAN%	50.0	%	50 - 75 %
RBC	4.54	10 ¹² /L	4 - 5.5 10 ¹² /L
HGB	15.2	gm/dl	12 - 17.5 gm/dl ✓
HCT	45.22	%	36 - 52 %
MCV	100.0 (H)	fl	76 - 96 fl
MCH	33.6 (H)	pg	27 - 32 pg
MCHC	33.7	gm/dl	30 - 35 gm/dl
PLT	323.0	10 ⁹ /L	150 - 450 10 ⁹ /L ✓
PCT	0.29	%	0.01 - 9.99 %
MPV	8.9	fl	8 - 15 fl
BIO CHEMISTRY			
BLOOD SUGAR (F)	90.0	mg/dl	65 - 110 mg/dl
SERUM CHOLESTEROL	130.0	mg/dl	130 - 250 mg/dl
SERUM TRIGLYCERIDES	80.0	mg/dl	60 - 170 mg/dl
HDL CHOLESTEROL	50.0	mg/dl	35 - 88 mg/dl

This Report Not Valid For Medico - Legal Purpose

Medical CheckUp Date : 09-Oct-2024

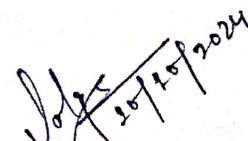
Fitness Status : Fitness
Pending

Check Up For	Results	Unit	Reference Interval
LDL CHOLESTEROL	64.0 (L)	mg/dl	65 - 180 mg/dl
VLDL CHOLESTEROL	16.0	mg/dl	5 - 34 mg/dl
BLOOD UREA	19.0	mg/dl	10 - 40 mg/dl
SERUM CREATININE	0.7	mg/dl	0.5 - 1.2 mg/dl

URINE EXAMINATION

Quantity	20ML
Colour	PALE YELLOW
APPEARANCE	CLEAR
SP. GRAVITY	1.015
REACTION	ACIDIC
Albumin	NIL
Sugar	NIL
EXCESS OF UROBILINOGEN	NIL
KETONE BODIES	NIL
Pus Cells	NIL
Epithelial Cells	NIL
Red Blood Cells	NIL
Cast	NIL
CRYSTAL	NIL
OTHERS	NIL
BLOOD	NIL
Nitrate	NIL
LEUCOCYTE	NIL

Advice/Remarks


(C.M.O/M.O)

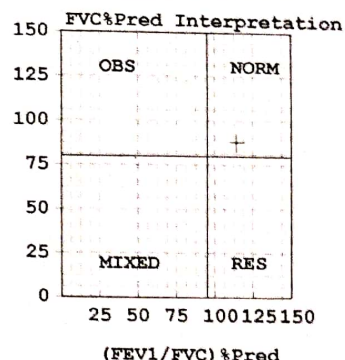
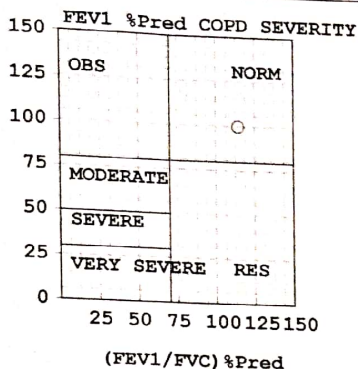
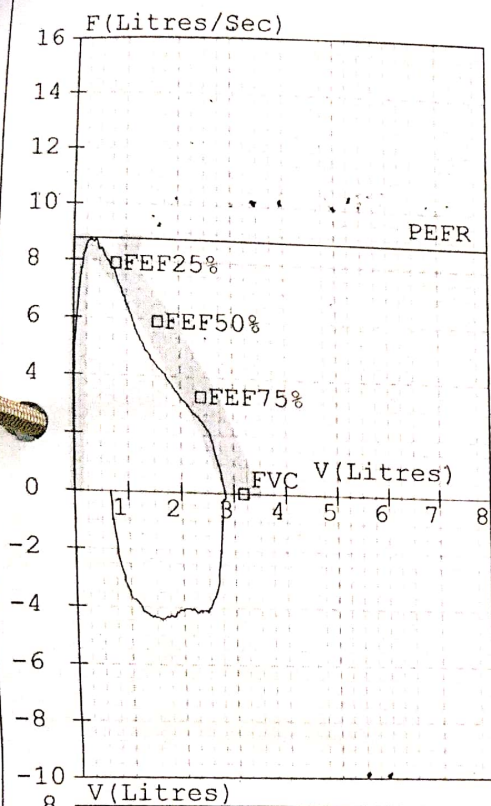
This Report Not Valid For Medico - Legal Purpose

RECORDERS & MEDICARE SYSTEMS

181/5, Phase-I, Industrial Area, Chandigarh-160002

Patient: Vishnu gayari
Refd. By:
Pred. Eqs: RECORDERS
Date : 10-Oct-2024 11:53 AM

Age : 22 Years Gender : Male
Height : 160 Cms Smoker : No
Weight : 56 Kgs Eth. Corr: 100
ID: 2200 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	M.Pred	M.Post	%Pred	%Imp
FVC (L)	03.20	02.81	088	-----	---	---
FEV1 (L)	02.81	02.81	100	-----	---	---
FEV1/FVC (%)	87.81	100.00	114	-----	---	---
FEF25-75 (L/s)	04.56	04.64	102	-----	---	---
PEFR (L/s)	08.77	08.69	099	-----	---	---
FIVC (L)	-----	02.17	---	-----	---	---
FEV.5 (L)	-----	02.42	---	-----	---	---
FEV3 (L)	03.11	02.81	090	-----	---	---
PIFR (L/s)	-----	04.42	---	-----	---	---
FEF75-85 (L/s)	-----	02.70	---	-----	---	---
FEF.2-1.2 (L/s)	07.60	07.32	096	-----	---	---
FEF 25% (L/s)	07.89	07.81	099	-----	---	---
FEF 50% (L/s)	05.90	04.78	081	-----	---	---
FEF 75% (L/s)	03.32	03.05	092	-----	---	---
FEV.5/FVC (%)	-----	86.12	---	-----	---	---
FEV3/FVC (%)	97.19	100.00	103	-----	---	---
FET (Sec)	-----	00.92	---	-----	---	---
ExptTime (Sec)	-----	00.04	---	-----	---	---
Lung Age (Yrs)	022	022	100	-----	---	---
FEV6 (L)	03.20	-----	---	-----	---	---
FIF25% (L/s)	-----	00.93	---	-----	---	---
FIF50% (L/s)	-----	04.10	---	-----	---	---
FIF75% (L/s)	-----	04.19	---	-----	---	---

Pre Test COPD Severity

Test within normal limits

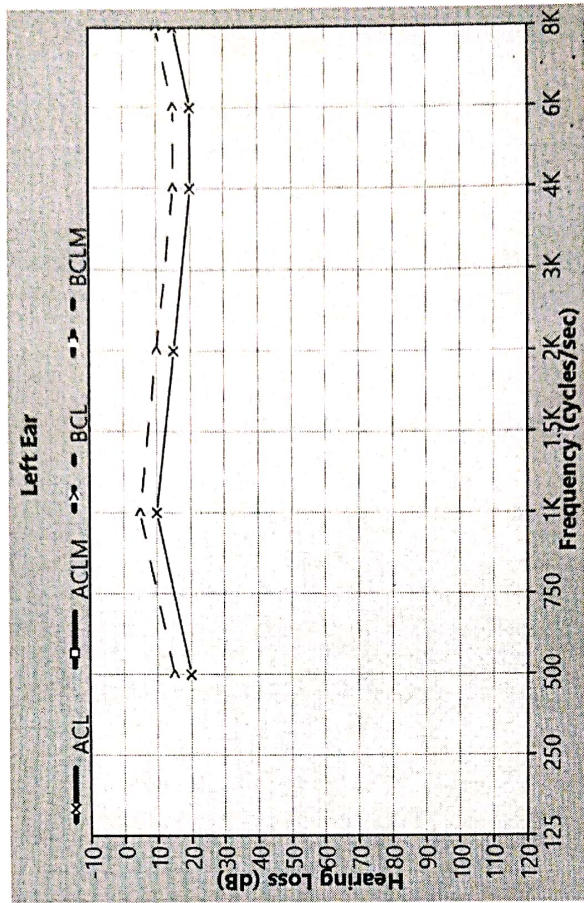
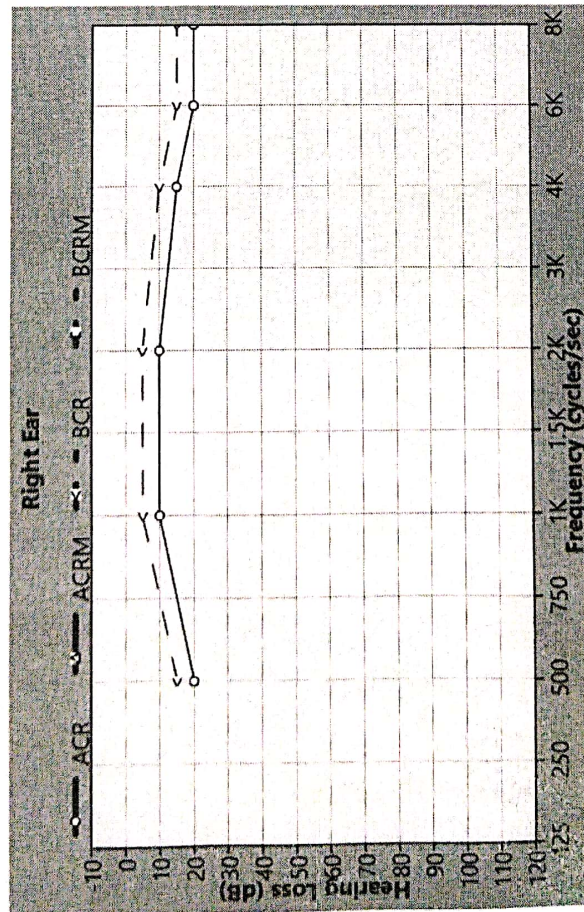
Pre Medication Report Indicates
Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

Asy

10/10/2024
CMO or MO

Arphi Electronics Pvt. Ltd.
Prabhadevi Mumbai

Patient Name : VISHNU GAYARI
Ref No : 510
Test Date : 10/10/2024
Operator Comments
B/L EAR ACR/ACL
BCR/BCL ARE NORMAL
ACR:-16.25DB.
ACL:-8.75DB.
BCR:-16.25DB.
BCL:-11.25DB.
Doctor Comments



Arphi 2001 Diagnostic Audiometer
Manufacturers of Quality Hearing Aids and Diagnostic Equipments

Handwritten signature/initials.



Occupational Health Centre

J.K. Cement WORKS HOSPITAL

NIMBAHERA - 312 617

JK SUPER
CEMENT
BUILD SAFE

Name..... *Vishu Gupta*.....
Age..... *22yr*..... Sex..... *M*.....
Part X Rayed..... *Chest PA*.....
Referred by Dr..... *Dr. Chaudhary*.....
Date..... *2/10/2019*.....

Note : This X-ray Film is not valid for Medico Legal Purpose



BPL

Diagnosis Information
Sinus Rhythm
Right Axis Deviation

mmHg

kg

Vishnu Gayan

82 bpm

104 ms

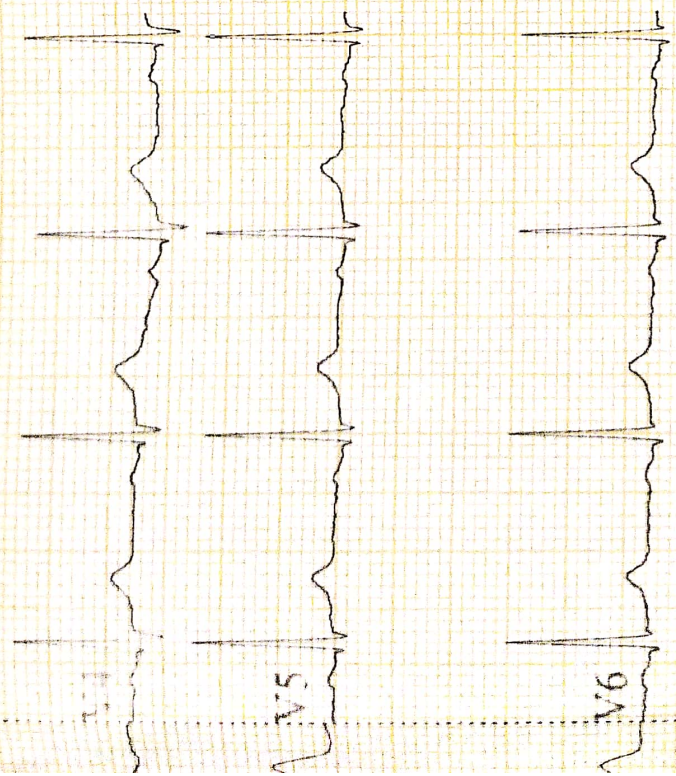
146 ms

81 ms

111.399 ms

1192.22°

120.841 mV Report Confirmed by:



CARDIART



FORM - O

(See rule 29F (2) and 29L)

Report of Medical Examination under rule 29 B

(To be issued in triplicate **)

Certificate No.....

Certified that shri **DURGA SHANKAR LOHAR S/O JAGDISH LAL** employed as **DUMPER OPERATOR(SHRI BHERUNATH GOODS)** at **AMLAGATED MALIAKHERA KARUNDA LIME STONE MINES**, Form A No - **79** has been examined for an initial / periodical medical examination. He appears to be **39** years of age.

The findings of the examining authority are given in the attached sheet. It is considered that –

DURGA SHANKAR LOHAR.

(a) * is medically fit for any employment in mines, ✓

(b) * is suffering fromand is medically unfit for – ✗

(i) any employment in mine ; or

(ii) any employment below ground ; or

(iii) any employment or work

(c) * is suffering fromshould get this disability cured / controlled * and should be again examined within a period ofmonths. He will appear for re- examination with the result of test of and the opinion of Y

Specialist from He may be permitted / not permitted * to carry on his duties during this period



Signature of the examining

Authority

Dr. S. K. CHAUDHARY
C.M.O.J. K. Cement Works
NIMBAHERA (Raj.)
1732Name and designation in
Block letters.

*Delete whatever is not applicable** One copy of the certificate shall be handed over to the person concerned and another copy shall be sent to the manager of the mine concerned by registered post ; and the third copy shall be retained by the examining authority.

FORM - O (Continued)

Report of the examination authority

(To be filled in for every medical examination whether initial or periodical or re- examination or after cure / control of disability)

Annexure to certificate No. _____ as a result of medical examination on 24/03/25

Identification Mark scar mark below
chier



Left thumb impression of the candidate.

1. General Development

Good / Fair / Poor

2. Height 165 cms.

3. Weight 59 kg.

4. Eyes :-

(i) Visual acuity N Distance vision (with or without glasses)

(ii) Any organic disease of eyes none

(iii) Night blindness NAD

(iv) Color blindness NAD

(v) Squint _____

(to be tested in special cases)

5. Ears :-

(i) Hearing Right ear N Left ear N

(ii) Any organic disease none

6. Respiratory system (Chest measurement) :-

(i) After full inspiration 83 cms.

(ii) After full expiration 86 cms.

7. Circulatory system :-

(i) Blood Pressure 110/76 mmHg

(ii) Pulse 74/min

8. Abdomen :-

- (i) Tenderness-----*non*-----
(ii) Liver-----*NP*-----
(iii) Spleen-----*NP*-----
(iii) Tumor-----*not seen*-----

9. Nervous system :-

- (i) History of fits or epilepsy-----*no*-----
(ii) Paralysis-----*no*-----
(iii) Mental Health-----*fair*-----

10. Locomotors system-----

11. Skin-----*(N)*-----

12. Hernia-----

13. Hydrocele-----*not seen*-----

14. Any other abnormality-----*none*-----

15. Urine :-

- (i) Reaction-----*acidic*-----
(ii) Albumin-----*nil*-----
(iii) Sugar-----*nil*-----

16. Skiagram of chest. *NAD*

17. Any other test considered necessary by the examining authority. -----

18. Any opinion of specialist considered necessary-----

Signature of the examining Authority.

Dr. S. K. CHAUDHARY

Regd. No. *C.M.O.*

J. K. Cement Works
NIMBAHERA (Raj.)

Reg. No. 21732

Place: -

Nimbahera

Report of Medical Examination under Mines Rules 29 B

(To be used in continuation of Form O)

Certificate No.: -

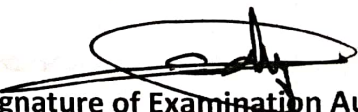
Name: - DURGA SHANKAR LOHAR.

Identification Marks: - Scar mark below chin

Result of Lung Function Test (Spirometry)

Particulars	Predicted Value	Performed Value	% of Predicted
Forced Vital Capacity (FEV)	3.21	4.02	125
Forced Vital Capacity -1 (FEV)	2.65	3.86	146
FEV-1 / FVC	82.55	96.02	116
Peak Expiratory Flow	8.53	10.20	120

Spirometry report enclosed


Signature of Examination Authority

Dr. S. K. CHAUDHARY
C.M.O.
J. K. Cement Works
NIMBAHERA (Raj.)
Regd. No. 21732

Report of Medical Examination as per the recommendations of National Safety Conference in Mines

(To be used in continuation of Form O)

Certificate No.: -

Name: - DURGA SHANKAR LOHAR.

Identification Marks: -

mark
scar below chin

01. Cardio logical Assessment: -

Auscultation	S1	<i>2</i> (N)
	S2	
	Additional Sound	
Electrocardiographs (12 leads) findings		<i>none</i> Normal / Abnormal

Enclosed ECG

02. Neurological Assessment: -

Findings	Normal / Abnormal
Superficial Reflexes	<i>2</i> (N)
Deep Reflexes	
Peripheral Circulation	
Vibrational Syndromes	

03. ILO Classifications of Chest Radiograph: -

Profusion of Pneumoconiosis opacities	Grade	Types
Present / Absent	<i>-</i>	<i>-</i>

Enclose Chest Radiograph

Continued: -

04. Audiometry Findings:-

Conduction Type	Left Ear	Right Ear
Air Conduction	Normal / Abnormal	Normal / Abnormal
Bone Conduction	Normal / Abnormal	Normal / Abnormal

Enclosed Audiometry Report

05. Pathological / Microbiological Investigations: -

Sr. No.	Tests	Findings
01.	Blood- Tlc, Dlc, Hb, ESR, Platelets	WNL / Abnormal
02.	Blood Sugar – Fasting & PP	WNL / Abnormal
03.	Lipid Profile	WNL / Abnormal
04.	Blood Urine , Creatinine	WNL / Abnormal
05.	Urine Routine	WNL / Abnormal
06.	Stool Routine	WNL / Abnormal

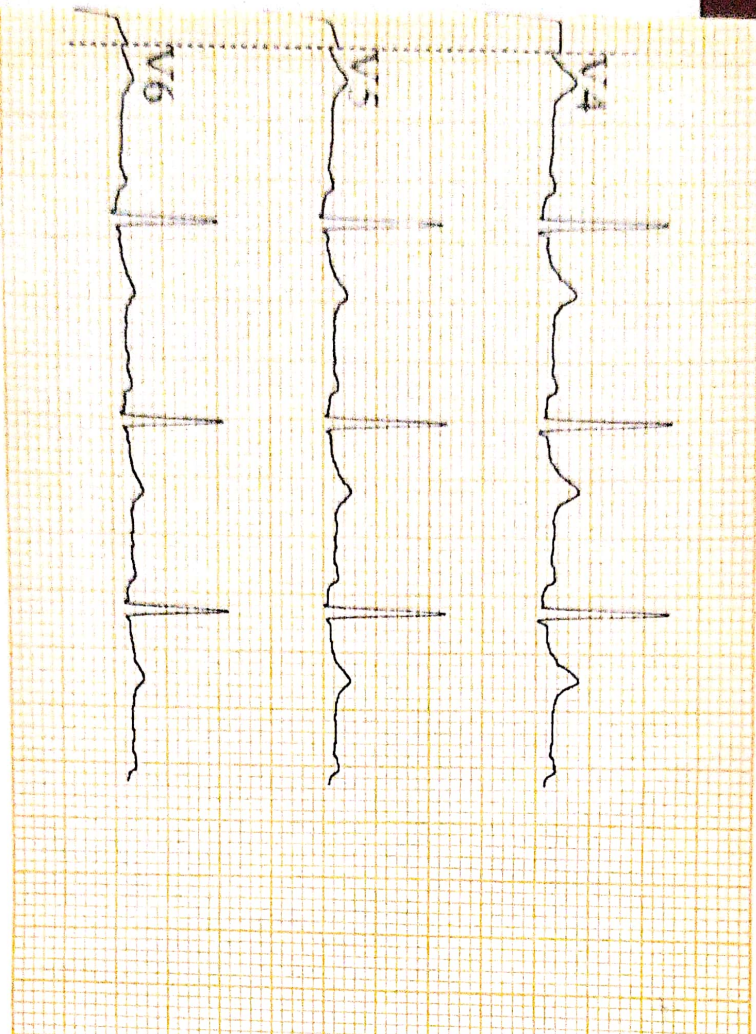
06. Special Test of Mnref Exposure :-

Behavioral Disturbances		Present / Not Present
Neurological Disturbance	Special Defect	Present / Not Present
	Tremor	Present / Not Present
	Adiadocokinesia	Present / Not Present
	Emotional Changes	Present / Not Present

Any other Test Required

Signature of Examination Authority
Dr. S. K. CHAUDHARY
 C.M.O.
 J. K. Cement Works
 NIMRA (Raj.)
 Regd. No. 21732

CARDIOPPT



ID: 5484

Male
39 Years

cm

kg

mmHg

Diagnosis Informa
Sinus Rhythm
***Normal ECG

*Durga Shankar
Lohar*

HR	86	bpm
P	96	ms
PR	146	ms
QRS	75	ms
QT/QTc	335/403	ms
P/QRS/T	67.6/76.0	°
RV5/SV1	1.103/0.677	mV

Report Confirmed by:

BPL

MBBS



Dr. महेन्द्र कुमार

MBBS, MS (ophtho)

कनिष्ठ विशेषज्ञ (फेको सर्जन)

राजकीय जिला चिकित्सालय

निम्बाहेड़ा, चित्तौड़गढ़ (राज.)

(RMC.29992/19964)



(नेत्रदान महादान)

फेलोशिप अलख नयन मंदिर उदयपुर
पूर्व चिकित्सक सफदरजंग अस्पताल, नई दिल्ली

9413093334

Name..... Dr. Durga Shankar Lohar Age/Gender..... 39/M

Address..... Pirana, Chitragarh Date..... 21/3/25

Rx

D.V. 6/6
N.V. 6/6

Nr N-6
N-6

OK Normal

Fit for vision test

1

Dr. महेन्द्र कुमार
क. विशेषज्ञ (नेत्र)
जिला चिकित्सालय, निम्बाहेड़ा
Reg. No. RMC 19964

Vision	Right Eye				Left Eye			
	SPH	CYL	Axis	B.V	SPH	CYL	Axis	B.V
D.V.								
N.V.								

NOT VALID FOR MEDICO-LEGAL PURPOSE

निवास:- 11 विस्तार योजना पुलिस चौकी के सामने आदर्श कॉलोनी निम्बाहेड़ा (राज.)



JK Cement	Occupational Health Center JK Cement Works, Nimbahera Employee Health Card	Print Date : 21-Mar-2025 11:56 AM Page No. : 1 of 2
-----------	--	--

Employee Details :	
Report No : NIMB/PMC/2025/00774	Employee Name : DURGA SHANKAR LOHAR (122203)
Category : Agency Employees	Agency / Plant/Site : Shree Bherunath Goods & Carrier
Department : MINES (Karunda)	Dispensary : Nimbahera
Designation : DUMPER OPERATOR	Contact # : 1234567890
Blood Group : NA	Age : 38

Periodic Checkup Details :	
Medical CheckUp Date : 21-Mar-2025	Fitness Status : Fitness Pending

Check Up For	Results	Unit	Reference Interval
--------------	---------	------	--------------------

Bio Chemistry

BLOOD SUGAR (F)	109.0	mg/dl	65 - 110 mg/dl
SERUM CHOLESTEROL	151.0	mg/dl	130 - 250 mg/dl
SERUM TRIGLYCERIDES	50.0 (L)	mg/dl	60 - 170 mg/dl
HDL CHOLESTEROL	60.0	mg/dl	35 - 88 mg/dl
LDL CHOLESTEROL	81.0	mg/dl	65 - 180 mg/dl
VLDL CHOLESTEROL	10.0	mg/dl	5 - 34 mg/dl
BLOOD UREA	15.0	mg/dl	10 - 40 mg/dl
SERUM CREATININE	0.6	mg/dl	0.5 - 1.2 mg/dl

CBC

wBC	5.12	10 ⁹ /L	3.5 - 10.5 10 ⁹ /L
LYM%	31.9	%	25 - 40 %
MID%	5.6	%	3 - 15 %
GRAN%	62.4	%	50 - 75 %
RBC	4.59	10 ¹² /L	4 - 5.5 10 ¹² /L
HGB	12.0	gm/dl	12 - 17.5 gm/dl
HCT	37.44	%	36 - 52 %
MCV	83.0	fl	76 - 96 fl
MCH	27.0	pg	27 - 32 pg
MCHC	31.7	gm/dl	30 - 35 gm/dl
PLT	261.0	10 ⁹ /L	150 - 450 10 ⁹ /L
PCT	0.26	%	0.19 - 0.39 %


(C.M.O/M.O.)

This Report Not Valid For Medico - Legal Purpose

Medical CheckUp Date : 21-Mar-2025

Fitness Status : Fitness
Pending

Check Up For	Results	Unit	Reference Interval
MPV	10.0	fl	8 - 15 fl

HAEMATOLOGY

BLOOD GROUP & RH	B+VE		
ESR	10	mm in frist hour	0 - 20 mm in frist hour

URINE EXAMINATION

Quantity	20ML
Colour	PALE YELLOW
APPEARANCE	CLEAR
SP. GARVITY	1.015
REACTION	ACIDIC
Albumin	NIL
Sugar	NIL
EXCESS OF UROBILINOGEN	NIL
KETONE BODIES	NIL
Pus Cells	NIL
Epithelial Cells	NIL
Red Blood Cells	NIL
Cast	NIL
CRYSTAL	NIL
OTHERS	NIL
BLOOD	NIL
Nitrate	NIL
LEUCOCYTE	NIL

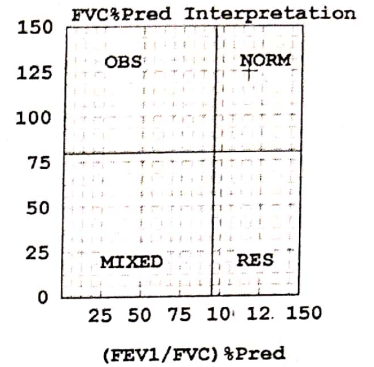
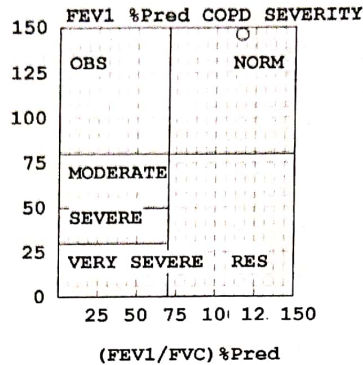
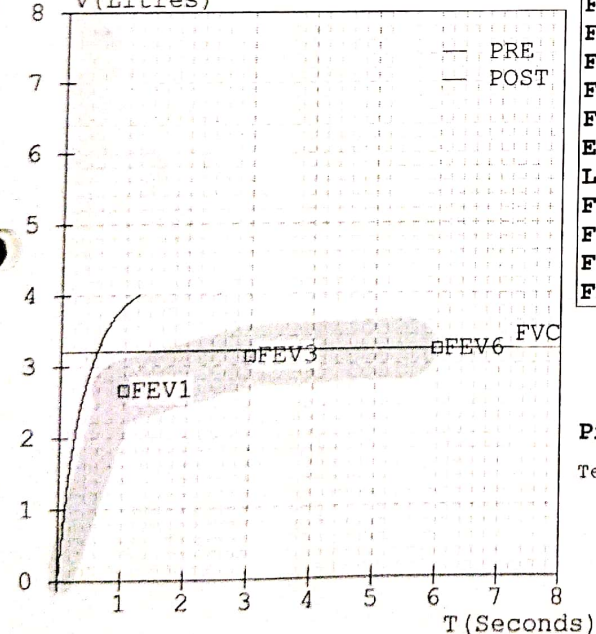
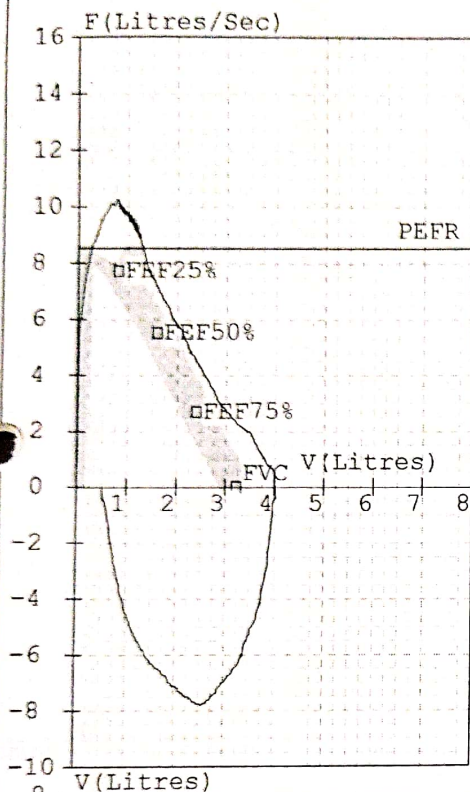
Advice/Remarks

RECORDERS & MEDICARE SYSTEMS

181/5, Phase-I, Industrial Area, Chandigarh-160002

Patient: DURGA SHANKAR LOHAR
Refd. By:
Pred. Eqns: RECORDERS
Date : 24-Mar-2025 11:32 AM

Age : 39 Years Gender : Male
Height : 165 Cms Smoker : No
Weight : 59 Kgs Eth. Corr: 100
ID: 3121 Temp :



Spirometry (FVC Results)

Parameter	Pred	M.Pre	%Pred	M.Post	%Pred	%Imp
FVC (L)	03.21	04.02	125	-----	---	---
FEV1 (L)	02.65	03.86	146	-----	---	---
FEV1/FVC (%)	82.55	96.02	116	-----	---	---
FEF25-75 (L/s)	03.89	05.15	132	-----	---	---
PEFR (L/s)	08.53	10.20	120	-----	---	---
FIVC (L)	-----	03.52	---	-----	---	---
FEV.5 (L)	-----	03.04	---	-----	---	---
FEV3 (L)	03.12	04.02	129	-----	---	---
PIFR (L/s)	-----	07.73	---	-----	---	---
FEF75-85 (L/s)	-----	02.25	---	-----	---	---
FEF.2-1.2 (L/s)	06.70	09.33	139	-----	---	---
FEF 25% (L/s)	07.72	09.62	125	-----	---	---
FEF 50% (L/s)	05.52	05.70	103	-----	---	---
FEF 75% (L/s)	02.69	02.71	101	-----	---	---
FEV.5/FVC (%)	-----	75.62	---	-----	---	---
FEV3/FVC (%)	97.20	100.00	103	-----	---	---
FET (Sec)	-----	01.25	---	-----	---	---
ExptTime (Sec)	-----	00.07	---	-----	---	---
Lung Age (Yrs)	039	021	054	-----	---	---
FEV6 (L)	03.21	-----	---	-----	---	---
FIF25% (L/s)	-----	04.64	---	-----	---	---
FIF50% (L/s)	-----	07.46	---	-----	---	---
FIF75% (L/s)	-----	06.82	---	-----	---	---

Pre Test COPD Severity

Test within normal limits

Pre Medication Report Indicates

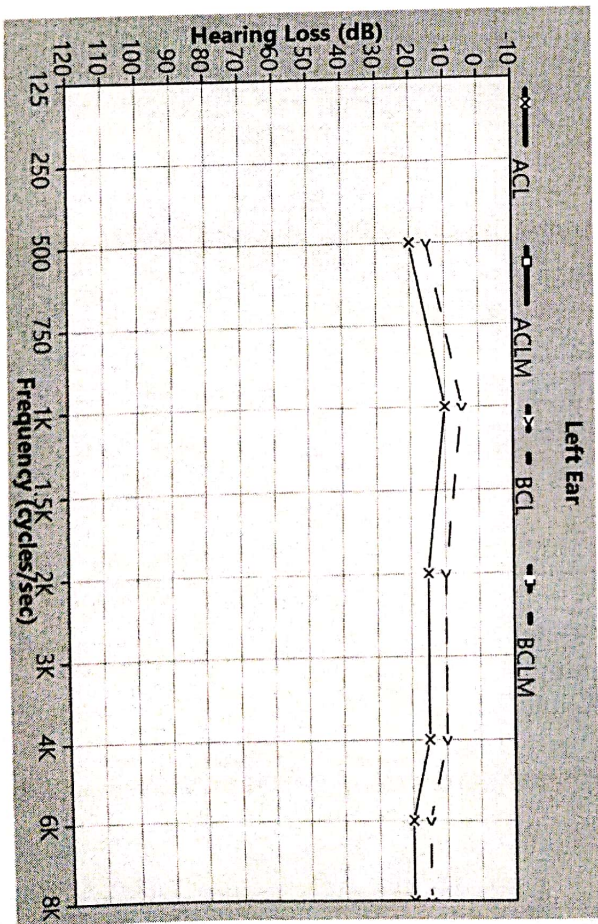
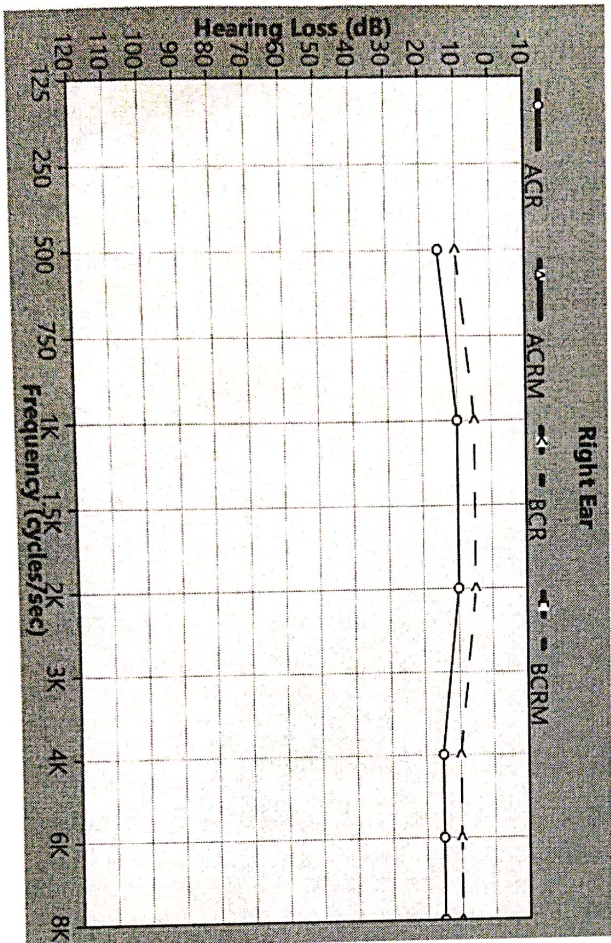
Spirometry within normal limits as (FEV1/FVC)%Pred >95 and FVC%Pred >80.

CMO or MO



Arphi Electronics Pvt. Ltd.
Prabhadevi Mumbai

Patient Name :DURGA SHANKAR LOHAR
Ref No : 579
Test Date :03/21/2025
Operator Comments
B/L EAR ACR/ACL
BCR/BCL ARE NORMAL.
ACR:-10.0DB.
ACL:-15.0DB.
BCR:-7.5DB.
BCL:-10.0DB.
Doctor Comments





SUPERSCAN SONO CENTRE

Laddha Clinic, Meera Nagar, Chittorgarh (Raj.) Mobile : 9414272793

3D, 4D Sonography & Color Doppler Centre



NAME:	DURGA SHANKAR LOHAR	AGE:	39	YRS	SEX:	
CONSULT:	DR. SK CHOUDHARY Sb	DATE:	21 March 2025			

SKIGRAM CHEST REPORT.

SOFT TISSUE SHADOW:	NAD
BONY CAGE	NAD
TRACHEA	CENTRAL
INTER COSTAL SPACE	NAD
BOTH COSTO PHRENIC ANGLE	CLEAR
CT RATIO	WITHIN NORMAL LIMIT
LUNG PARENCHYMA	NAD
BRONCHO-VASCULAR MARKINGS:	NAD
DIAPHRAGM	NORMAL

COMMENTS:

- NO ABNORMALITY DETECTED IN HEART & LUNGS.

Dr. Prakash C. Garwal
MD. Radiodiagnosis
Reg. No. 016040/006501

"गर्भधारण पूर्व या बाद लिंग चयन या भ्रूण के लिंग का पता लगाना दण्डनीय अपराध है। लिंग परीक्षण की शिकायत 104 व 108 पर निःशुल्क दर्ज की जा सकती है"

Note: 1. No. Ultrasonography finding is pathognomic, all finding are only suggestive, hence they should be reviewed with the relevant clinical history and relevant investigations before embarking upon the final diagnosis and proceeding for management (Medical or Surgical). 2. This is a professional opinion only and not the final Diagnosis. 3. Not all gross & Major Congenital anomalies of fetus are apparent during scanning due to difficult and variable position attained by the fetus. Hence this report does not exclude all gross and major congenital fetal anomalies or Chromosomal Anomalies specially down's Syndrome which could be visible, if scanned later or at any other time. Fetal cardiac anomalies are not included. Adv-Fetal echocardiography whenever suspicion is there. 4. Whenever suspect of congenital anomalies ask for targeted scan along with serum alpha foetoprotein estimation/ Triple marker test correlation. 5. In case of disparity between clinical and sonographic findings, please send patient again for review free of cost. 6. Any typing error or unintentional clerical reporting of removed organs needs immediate correction and it, not feasible correlation and self correction. 7. Even major abnormalities can be missed due to overlying gaseous shadows, patient's obesity or patient's condition. The same could be visualized, at some other time, if visualization window improves. 8. This report is not valid for medicolegal purposes. 9. Subject to Chittorgarh Jurisdiction only.

गर्भवती महिलाएँ सोनोग्राफी के लिए अपने साथ डॉक्टर की पर्ची एवं आधार कार्ड या अन्य कोई परिचय पत्र की फोटो प्रति साथ लावें।



Scanned with OKEN Scanner



Occupational Health Centre

J.K. Cement WORKS HOSPITAL

NIMBAHERA - 312 617

**JK SUPER
CEMENT**
BUILD SAFE

Name..... *Durga Shanker Lokar*.....
Age..... *39 yrs*..... Sex..... *M.*.....
Part X Rayed..... *Chest PA*.....
Referred by Dr. *S.K. Chavhan*.....
Date..... *21/9/2015*.....

Note : This X-ray Film is not valid for Medico Legal Purpose

