

NBH/PC-14/C14/

Through Email

Date: 25.05.2022

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 Nimbahera-Ahirpura Limestone Mine by J. K. Cement Works, Nimbahera, Dist. Chittorgarh (Rajasthan).**

Ref.: EC letter no. - J-11015/83/2004-IA. II(M) dated. 07<sup>th</sup> July 2021

Dear Sir,

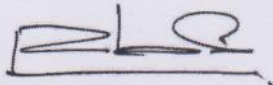
Kindly refer to the above subject matter and refer EC letter no., please find attached herewith compliance of EC for the period of **October'2021 to March'2022**.

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

We hope that the compliance is in order.  
Thanking you.

Yours Faithfully

For J. K. Cement Works, Nimbahera



**R.B.M Tripathi**  
President (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, Area 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**

Padam Tower, 19 DDA Community Centre  
Okhla, Phase - 1, New Delhi - 110020, India  
+011-49220000  
[admin.padamtower@jkcement.com](mailto:admin.padamtower@jkcement.com)  
[www.jkcement.com](http://www.jkcement.com)



**JK SUPER**  
CEMENT  
BUILD SAFE

JK CEMENT  
**WallMaxX**  
White Cement Wall Putty

**Manufacturing Units at :**

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)  
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)





**HALF YEARLY COMPLIANCE REPORT  
OF  
ENVIRONMENTAL CLEARANCE LETTER NO.**

**J-11015/83/2004-IA.II(M) Dated 07.07.2021**

**Period: October-2021 to March-2022**

**For  
Nimbahera-Ahirpura Limestone Mine  
Production Limestone: 2.0 MMTPA to 0.8949 MMTPA**

**Submitted to:  
MoEF&CC, New Delhi & Integrated Regional Office, Jaipur  
Central Pollution Control Board, New Delhi & Bhopal  
Rajasthan State Pollution Control Board, Jaipur**

**Submitted by:  
M/s J. K.CEMENT WORKS, NIMBAHERA,  
Kailash Nagar, Tehsil: Nimbahera, District: Chittorgarh (Raj)**

**Six Monthly Environment Clearance Compliance Report of Nimbahera-Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

**Period from 'Oct 2021 to March '2022**

**Expansion of Nimbahera-Ahirpura Lime Stone Mine (M.L. No.-2/97)- Limestone - 2.0 MTPA to 0.8949 Million TPA, Villages – Nimbahera & Ahirpura, Tehsil- Nimbahera, District- Chittorgarh, Rajasthan**

**Environment Clearance issued from MOEF, IA Division, New Delhi vide letter No. J-11015/83/2004-IA.II(M) dated 07.07.2021**

A	Specific Conditions	
S.NO	POINTS	STATUS
01	Plantation must be completed this monsoon to fill the gaps.	<b>Complying with.</b> <ul style="list-style-type: none"> <li>Total plantation within lease in 48.02 ha. with 120050 saplings till FY 2020-21 including safety zone (6.921 ha.).</li> <li>Total plantation done in 16.45 ha in outside the lease area with 31765 nos. of saplings till FY 2020-21.</li> <li>Total plantation done in FY 2021-22 in safety zone (7.5 m) of 0.73 ha. with 1637 saplings.</li> <li>Total plantation done in FY 2021-22 within lease in 1.75 ha. with 1818 nos. saplings.</li> </ul>
02	Mining will be restricted to already broken area and NO FRESH WILL BE BROKEN. PP has submitted that already 48 million tonnes of mineral has been extracted with the EC of 2 MT. therefore, PP should first mine and exhaust the smaller blocks with lesser quantity of ore within a year with appropriate closure Plan. Thereafter PP can take up Excavation from the bigger block with larger Reserves of ore instead of mining simultaneously from all the blocks.	<b>Complying with.</b> The Mining activities are being carried out as per the approved mining plan only.
03	PP also should do plantation up to 2 benches of 10 m height each in the pit where water gets accumulated all around the periphery of the pit which must be completed in 2 years.	<b>Noted and agreed.</b> It is plan to complete the upper bench plantation within stipulated time period in non-working area.
04	Public hearing concerns to be addressed through capital expenditure as per the submission.	<b>Complying With.</b> CSR initiative has been taken to address the public hearing concerns. The details are given below:

S.No.	Activity Head	CSR Project or activities	Time bound Action Plan with Budgetary allocation	Amount Rs. In Lakhs					Total
				2021-22	Work Completion Status (YES/NO)	If work Completed How much cost expenditure (in Lacs)	2022-23	2023-24	
1	Community Infrastructure Development	Provision for Installation of LED Bulb on electricity poles in Ahirpura village will be done by company.	Installation of LED Bulb on electricity poles will be done by year 2021-22, 2022-23, 2023-24 with a cost of Rs. 1.50 Lakhs ( 0.50 Lakh per year for three year	0.5	No		0.5	0.5	1.5

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

			and Total 50 nos. of led lights of each 25 W.)						
		Construction of roof in temple (Rebari Bavji's place) in village Ahirpura will be done by company.	Rs. 35,000/- financial support is given to Panchayat for the construction of roof.	0.35	Yes	0.5	--	--	0.35
		Repairing of roof of class room of Village Ahirpura will be done by the Company.	Budget of Rs. 4.0 Lakhs has been taken for repairing of roof of class room of Village Ahirpura and work will be done in year 2021-22.	4	No		--	--	4
		Construction of Two class rooms (22X44 Square ft) in School at Village Ahirpura will be done by the Company.	Budget of Rs. 20.0 Lakhs for Construction of two rooms (22 X 44 Square ft) in school in the year 2022-23.	--			20	--	20
		Computers, printers and furniture will be provided to Government High Primary School, Ahirpura	Budget of Rs. 2.0 Lakhs for arrangements of Computers, printers and furniture (steel chair & Table) and provided by year 2021-22.	2	No		--	--	2
		Construction of CC road in Village Phacher Ahiran will be done by the Company.	Budget of Rs. 18.0 Lakh has been taken for construction of CC road (1.4.km) in Village Phacher-Ahiran and work will be done in year 2021-22.	18	No		--	--	18
		Construction of CC road & Drainage at Bansa & Rasulpur Village will be done by the Company.	Budget of Rs. 40 Lakh has been taken for Construction of CC road & Drainage at Bansa & Rasulpur Village and work will be done in year 2021-22 (15 lakh), 2022-23 (10 Lakh) and 2023-24 (15 Lakh).	15	Yes	12.6	10	15	40
		Construction of kitchen shed and toilets in existing community building in Village Ahirpura will be done by the Company.	Budget of Rs. 12.0 Lakh is allotted for construction of kitchen shed ( 15 X 20 square feet) and Toilet ( 10 X 10 Square feet), work will be done in year 2021-22.	12	No		--	--	12
		Renovation work in Grave yard Phachar Ahiran village will be done by the Company.	Budget of Rs. 20.0 Lakh is allotted for Renovation work in Grave yard Phachar Ahiran village and work will be done in year 2021-22 & 2022-23.	10	Yes	14	10	--	20
		Gravel Gitti road work in Phachar Ahiran Village will be done by the Company.	Budget of Rs. 13.0 Lakh has been taken for Gravel Gitti road (1.5.km) work in Phachar Ahiran Village and work will be completed in year 2021-22.	13	Yes	16	--	--	13
		Construction the New Hall And 6 Rooms in Exiting Community Hall Phachar Ahiran.	Budget of Rs. 40.0 Lakh is allotted for Construction the New Hall (5000 @ 800rs ft square feet) and 6 Rooms ( 20 X 20 square feet) in Exiting Community Hall Phachar Ahiran and work will be done in year 2021-22 & 2022-23.	20			20	--	40
2	Drinking Water	Drinking water tanker will be supplied to all nearby village as	Rs. 5.0 Lakh per annum is allotted for drinking water supply.	5	Yes	4	5	5	15



**Six Monthly Environment Clearance Compliance Report of Nimbahera-Ahирра Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

		and when required. Already 2 Nos. of tankers are deputed for supplying of drinking water.							
3	Education	Women Skill Development activities should be continued.	Provision of Rs. 4.0 Lakhs per year has been taken for women skill development program.	4	Yes	4	4	4	12
		Free Coaching classes of students of rural areas at nearby villages	Provision of Rs. 2.0 Lakhs per year for free Coaching of students of Rural areas at nearby villages has been considered.	2	Yes	4	2	2	6
		Provision of RSCIT course.	Provision has been taken of Rs. 4.0 Lakh for RSCIT course in year 2021-22.	4	No	0			4
4	Environment	Sanitation & fogging work in entire as nearby Villages for Health awerness.	Provision of Rs. 2.0 Lakhs per year has been taken.	2	Yes	3	2	2	6
Total				111.85		58.1	73.5	28.5	213.85

05	PP shall make attempts to reduce withdrawal of ground water. Explore the possibility of supplying water to the community from the pit water and pipeline supply should be supported by solar pump. The air quality monitoring, water quality monitoring noise & vibration will be continued with more focus on impacts near the lease boundary.	<b>Complying With.</b> <ul style="list-style-type: none"> <li>Yearly water audit is being carried out by CGWA approved agency and recommendation on ground water withdrawal are being followed.</li> <li>To utilize the mine pit water for domestic purpose, we have installed filtration plant which will help us to reduce GW consumption.</li> <li>Online CAAQMS has been installed as well as manual monitoring is being carried out by NABL recognized la on periodical basis.</li> </ul>
06	Installation of solar pumps for withdrawal of water collected in the mine pit.	Agreed & noted. We are in process to install the solar power.
B	<b>Standard conditions</b>	
I.	Statutory Compliance	
1	This environmental clearance (EC) is subject to orders/judgement 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.	Complied with. Copy of certificate issued by Mining department is enclosed as <b>Annexure-1</b> .
2	The project proponent complies with all statutory requirements and judgement of Hon'ble Supreme court dated 2 <sup>nd</sup> August, 2017 in Writ petition (Civil) no-114 of 2014 in matter of common cause versus inion of India &Ors before commencing the mining operations.	Complied with. Copy of certificate issued by Mining department is enclosed as <b>Annexure-1</b> .
3	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 Judgement of Hon'ble Supreme court dated 2 <sup>nd</sup> August ,2017 in Writ Petition	Complied with. Copy of certificate issued by Mining department is enclosed as <b>Annexure-1</b> .


**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahipura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	(Civil) No. 114 of 2014 in matter of common cause versus Union of India & Ors.	
4	This Environmental Clearance shall become operational only after formal NBWL Clearance from MoEF&CC , subsequent to the recommendations of the standing committee of National board for wildlife , if applicable to the project.	<b>Not applicable.</b>
5	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.	<b>Not applicable.</b>
6	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.	<b>Complying with.</b> Consent to operate has been obtain from RSPCB Jaipur,vide letter no F(Mines)/Chittorgarh(Nimbahera)/1869(I)/2017-2018/6610-6614 date 15.02.2022.
7	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.	<b>Agreed and complied.</b>
8	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.	<b>Agreed and complied.</b>
9	The project proponent shall follow the mitigation measures provided in MoEF&CC office Memorandum No.Z-11013/57/2014-IA.II(M), dated 29 <sup>th</sup> October,2014, titled "Impact of mining activities on Habitation-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"	<b>Complying with.</b> <ol style="list-style-type: none"> <li>1. Garland drain constructed</li> <li>2. Siltation pond facilitated</li> <li>3. Regular water spray on haul road is being done.</li> <li>4. Rain water collected in mine pit and during the lean period &amp; as per requirement water is being supplied to nearby villagers.</li> <li>5. Mask light are being kept in off mode during night period.</li> <li>6. Control blasting implemented.</li> <li>7. Company own road used for limestone transportation.</li> <li>8. Dense plantation has been done.</li> </ol>
10	The project proponent shall obtain necessary prior permission of the competent authorities for drawl of	<b>Complied with.</b> NOC has been obtained for withdrawal of ground water from CGWA vide letter No

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	requisite quantity of surface water and from CGWA for withdrawal of ground water for the project.	CGWA/NOC/IND/REN/3/2021/6476 dt. 14/05/2020 , enclosed as <b>Annexure- 2.</b>
11	A copy of EC letter will be marked to the concerned Panchayat /Local NGO etc. if any, from whom suggestion / representation has been received while processing the proposal.	<b>Complied.</b> A copy of EC has been submitted at concern panchayat, Zila Parishad ,DIC office ,District Collector ,SDM office on 08/07/2021 , enclosed as <b>Annexure-3.</b>
12	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.	<b>Complied.</b>
13	The project authorities should widely advertise about 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 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 ( <a href="http://www.parivesh.nic.in">www.parivesh.nic.in</a> ). A copy of the advertisement may be forwarded to the concerned MoEF&CC Regional office for compliance and record.	<b>Complied.</b> Publically published in 02 local newspaper on 09/07/2021 regarding grant of Environment Clearance, copy of the same enclosed in <b>Annexure-4.</b>
14	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.	<b>To be followed.</b> If any change in ownership of mining, will be intimated to the ministry.
II	<b>Air quality monitoring and preservation</b>	
1	The project proponent shall install a minimum 3 (three) online ambient 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 operation , of air pollution viz .PM10,PM2.5,NO <sub>2</sub> , CO and SO <sub>2</sub> 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	<b>Complied with.</b> Three (03) nos of CAAQMS has been installed all along the mine lease boundary: <ul style="list-style-type: none"> <li>• Near view point towards village Ahirpura (common for JKCW Nimbahera plant &amp; Ahirpura Mine)</li> <li>• Near Ahirpura mine office (murlia) toward village Fachar Ahiran and Lakhmipura.</li> <li>• Towards Nimbahera city (Common for Ahirpura mine and JKCW Nimbahera Plant)</li> </ul> Digital display board has been provided at Mine Office.

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**



	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.	Request has been made to CPCB and RSPCB for connectivity of CAAQMS.  Manual ambient air quality monitoring carried out by third party which is NABL accredited Laboratory, the report are enclosed as <b>Annexure-5</b> .
2	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution where in high levels of PM10 and PM2.5 are evident such as haul road. Loading and unloading point and transfer points. The fugitive dust emission 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 standard prescribed by the MoEF&CC / central pollution control Board.	<p><b>Complying with.</b> Regular water sprinkling is being done on loading, unloading point, transfer point as well as the haul roads to prevent the dust becoming air borne during transportation movement of vehicles. Wet drilling &amp; control blasting system implemented. We are exploring the possibility of water soluble chemical for dust suppression.</p>  <p>Also fugitive emission monitoring carried out regularly, report for period Oct-21 to Mar-22 enclosed as <b>Annexure-5</b>.</p>
III	<b>Water quality monitoring and preservation.</b>	
1	In case, immediate mining scheme envisages 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 hydrogeological study of the area.	<p><b>Complying with.</b> In current FY, there is no water table intersection due to mining activity. Prior Permission will be obtained in case of water table intersection.</p>
2	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	<p><b>Not applicable.</b> There is no nallah passing through mine lease. To monitor the water level, one online water level recorder with telemetry has been installed and real time level data is linked with CGWA portal.</p> <p>Water level &amp; quality report of post monsoon and winter season, enclosed as <b>Annexure- 6</b>.</p>



**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	project proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug well 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.	
3	Project proponent shall regularly monitor and maintain records w.r.t. ground water 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 operations 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.	<b>Complying with.</b> Ground water quality are being analysed by NABL Laboratory on PreMonsson, Monsoon, Post Monsoon and winter Season and submitted on six monthly basis.
4	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 monitor 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 monitoring w.r.t. pH and included and same in the 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	<b>Complied with.</b> <ul style="list-style-type: none"> <li>• There is no nallahs passing through mine lease.</li> <li>• Ground water quality monitoring has been carried out by third party who is NABL accredited Laboratory are enclosed as</li> <li>• To monitor the ground water level, telemetry system has been installed.</li> <li>• Ground water level and quality report is being submitted regularly to MoEF&amp;CC, Central Ground Water Authority and Regional Director Central Ground Water Board.</li> </ul>

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	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.	
5	Quality of polluted water generated from mining operation which 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 27.5.2009 issued by ministry of environment forest and climate change may also be referred in this regard.	<p><b>Complying with.</b></p> <ul style="list-style-type: none"> <li>There is no waste generation from the Limestone mining operation.</li> <li>However water is used for washing of HEMM contains silt and traces of oil &amp; grease which is passed through up-flow filter to separate out the oil &amp; grease and clear water will be used for dust suppression.</li> <li>Mine Key parameter data has been uploaded at <a href="http://www.jkcement.com">www.jkcement.com</a> as per notification as well as displayed at mine office.</li> </ul>
6	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.	<p><b>Complied with.</b></p> <p>Surface water during rainy season is collected in the lower bench of the mine to augment ground water resources.</p>  
7	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	<p><b>Complied with.</b></p> <p>Workshop waste water monitoring has been carried out by third party who is NABL accredited laboratory on six monthly basis test report is enclosed as <b>Annexure-7</b></p>

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	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.	
8	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.	<b>Complying with.</b> Water Audit is being done on annual basis by the CGWA Approved Agency. The water Audit report is enclosed as <b>Annexure-8</b> .
IV	<b>Noise and vibration monitoring and prevention</b>	
1	The peak particle velocity at 500m distance or within the nearest habitation, whichever is closer shall be monitored periodically as per applicable DGMS guidelines.	<b>Complying with.</b> Mining is being done by controlled blasting technology. Use of sequential blasting Machine (SBM) Delay Detonator, Non Electric detonator, Regular monitoring of ground vibration is being practiced. Maximum peak particle velocity result as given as below: - QTR 03 (Oct'21 to Dec'21) = 3.95 mm/sec QTR 04 (Jan'22 to Mar'22)= 3.22 mm/sec report is enclosed as <b>Annexure-9</b>
2	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.	<b>Complying with.</b>  There is no mining operation during night period hence no chance to increase the noise level. There is no mining operation at night hence Mask/Flood lights are kept on off mode.
3	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.	<b>Complying with.</b>  Regular maintenance (including cabin) of HEMM being done to keep noise level within the specified limits. Workers engaged in operation of HEMM etc. are provided PPE's.  Onsite tool talk is being provided on daily basis and periodical training given to all employee & workmen.
V	<b>Mining Plan</b>	
1	The project proponent shall adhere to the working of mining plan which was	<b>Complying with.</b>

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**


	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 Environments, 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.	<p>Mining activities carried out as per approved mining plan. The top soil generated during mining operation is used for plantation.</p> <p>The quantity of waste generated is given below table:</p> <p>-</p> <table border="1"> <thead> <tr> <th>Type of Waste</th><th>Apr-Sept 21 (in MT)</th><th>Oct- March 22 (in MT)</th></tr> </thead> <tbody> <tr> <td>OB waste</td><td>16170</td><td>5436</td></tr> <tr> <td>top soil</td><td>1700</td><td>5100</td></tr> <tr> <td>mineral reject</td><td>748</td><td>198</td></tr> </tbody> </table>	Type of Waste	Apr-Sept 21 (in MT)	Oct- March 22 (in MT)	OB waste	16170	5436	top soil	1700	5100	mineral reject	748	198
Type of Waste	Apr-Sept 21 (in MT)	Oct- March 22 (in MT)												
OB waste	16170	5436												
top soil	1700	5100												
mineral reject	748	198												
2	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.	The final mine closure plan will be submitted due course of time.												
3	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.	There is no back filling proposed under the approved mining plan.												
<b>VI</b>	<b>Land reclamation</b>													




**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahipura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

1	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.	<b>Complying with.</b> The size in meters is given below: <table><tr><th>Material</th><th>Length</th><th>Width</th><th>Height</th></tr><tr><td>Mineral reject stack</td><td>156</td><td>105</td><td>8.8</td></tr><tr><td>OB waste</td><td>215</td><td>112</td><td>13.0</td></tr></table>	Material	Length	Width	Height	Mineral reject stack	156	105	8.8	OB waste	215	112	13.0
Material	Length	Width	Height											
Mineral reject stack	156	105	8.8											
OB waste	215	112	13.0											
2	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.	<b>Complying with.</b> The OB and subgrade generated are stacked separately.												
3	The reclamation of waste dump sites shall be done in scientific manner as per the approved mining plan cum progressive mine closure plan.	<b>Complying with.</b> Presently dump are active, there is no reclamation is going on.												
4	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.	<b>Complying with.</b>  Presently OB dumps are active, vegetation will be done after the dump are inactive or dead.												
5	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.	<b>Complying with.</b> The size in meters is given below: <table><tr><th>Material</th><th>Length</th><th>Width</th><th>Height</th></tr><tr><td>Mineral reject stack</td><td>156</td><td>105</td><td>8.8</td></tr><tr><td>OB waste</td><td>215</td><td>112</td><td>13.0</td></tr></table>	Material	Length	Width	Height	Mineral reject stack	156	105	8.8	OB waste	215	112	13.0
Material	Length	Width	Height											
Mineral reject stack	156	105	8.8											
OB waste	215	112	13.0											
6	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	<b>Complying with.</b>  Constructed garland drains and siltation ponds. To collect run off water from subgrade dump and waste dump, garland drain and siltation pit has been												

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahipura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	<p>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.</p>	<p>constructed. Details are given below: -</p> <table><tr><th>Garland drain</th><th>Dimension</th></tr><tr><td>East side of Subgrade and waste dump</td><td>Length –430 m Width –1.0m Depth -1.0m</td></tr></table> <p>Constructed one siltation pit with dimension as given below: -</p> <table><tr><th>S.NO</th><th>Length (m)</th><th>Width (m)</th><th>Depth (m)</th><th>Capacity (m3)</th></tr><tr><td>1</td><td>17</td><td>17</td><td>3</td><td>867</td></tr><tr><td>2</td><td>18</td><td>17</td><td>3</td><td>918</td></tr><tr><td colspan="4">Total</td><td>1785</td></tr></table> <p>The storm water is being collected through garland drain from periphery of the subgrade and the waste dump and routed to siltation pond.</p> 	Garland drain	Dimension	East side of Subgrade and waste dump	Length –430 m Width –1.0m Depth -1.0m	S.NO	Length (m)	Width (m)	Depth (m)	Capacity (m3)	1	17	17	3	867	2	18	17	3	918	Total				1785
Garland drain	Dimension																									
East side of Subgrade and waste dump	Length –430 m Width –1.0m Depth -1.0m																									
S.NO	Length (m)	Width (m)	Depth (m)	Capacity (m3)																						
1	17	17	3	867																						
2	18	17	3	918																						
Total				1785																						
7	<p>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.</p>	<p><b>Complying with.</b> Constructed garland drains and siltation ponds.</p> <p>To collect run off water from subgrade dump and waste dump, garland drain and siltation pit has been constructed. Details are given below:</p> <table><tr><th>Garland drain</th><th>Dimension</th></tr><tr><td>East side of Subgrade and waste dump</td><td>Length – 430 m Width – 1.0 m Depth -- 1.0 m</td></tr></table> <p>Total available rainwater in single day (considering maximum 50 mm rainfall)</p> <ol style="list-style-type: none"><li>1. Overburden waste dump (area) X rainfall (m) X Runoff coefficient (20%) 26140 m2 X 0.05 M X 0.20 = 261.4 M3 and considering 50% safety margin then total capacity of siltation pond should be 522.8 m3.</li><li>2. Subgrade stack (area) X rainfall (m) X Runoff coefficient (20%) 24330 M2 X 0.05 M X 0.20 = 243.3 M3 and considering 50% safety margin then total capacity of siltation pond should be 486.6 m3.</li><li>3. Embankment dump (area) X rainfall (m) X Runoff coefficient (20%) 37140 M2 X 0.05 M X 0.20 = 371.4 M3 and considering 50% safety margin then total capacity of siltation pond should be 742.8 m3.</li></ol>	Garland drain	Dimension	East side of Subgrade and waste dump	Length – 430 m Width – 1.0 m Depth -- 1.0 m																				
Garland drain	Dimension																									
East side of Subgrade and waste dump	Length – 430 m Width – 1.0 m Depth -- 1.0 m																									

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

8	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.	There are no storage of top soil, it is directly used for plantation purpose. 																																
VII	Transportation																																	
1	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 centres.	<b>Complying with.</b> Company has own dedicated CC road for Mineral Transportation. Periodical vehicle emission monitoring are being carried out and PUC certificate is enclosed as <b>Annexure-10.</b> <table><tr><th>S No.</th><th>Vehicle No.</th><th>PUCC No.</th><th>Validity</th></tr><tr><td>1</td><td>RJ09GC0328</td><td>D1007RJ03102637</td><td>02-06-2022</td></tr><tr><td>2</td><td>RJ09GC1128</td><td>D1007RJ03102668</td><td>03-06-2022</td></tr><tr><td>3</td><td>RJ09GC1228</td><td>D1007RJ03102665</td><td>03-06-2022</td></tr><tr><td>4</td><td>RJ09GC1328</td><td>D1007RJ03102699</td><td>06-06-2022</td></tr><tr><td>5</td><td>RJ09GC1428</td><td>D1007RJ03102651</td><td>03-06-2022</td></tr><tr><td>6</td><td>RJ09GC2328</td><td>D1007RJ03102646</td><td>03-06-2022</td></tr><tr><td>7</td><td>RJ09GC2528</td><td>D1007RJ03102746</td><td>08-06-2022</td></tr></table>	S No.	Vehicle No.	PUCC No.	Validity	1	RJ09GC0328	D1007RJ03102637	02-06-2022	2	RJ09GC1128	D1007RJ03102668	03-06-2022	3	RJ09GC1228	D1007RJ03102665	03-06-2022	4	RJ09GC1328	D1007RJ03102699	06-06-2022	5	RJ09GC1428	D1007RJ03102651	03-06-2022	6	RJ09GC2328	D1007RJ03102646	03-06-2022	7	RJ09GC2528	D1007RJ03102746	08-06-2022
S No.	Vehicle No.	PUCC No.	Validity																															
1	RJ09GC0328	D1007RJ03102637	02-06-2022																															
2	RJ09GC1128	D1007RJ03102668	03-06-2022																															
3	RJ09GC1228	D1007RJ03102665	03-06-2022																															
4	RJ09GC1328	D1007RJ03102699	06-06-2022																															
5	RJ09GC1428	D1007RJ03102651	03-06-2022																															
6	RJ09GC2328	D1007RJ03102646	03-06-2022																															
7	RJ09GC2528	D1007RJ03102746	08-06-2022																															
2	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	<b>Complying with.</b> Water spray are being done throw water tanker on haul road.																																

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	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.	
<b>VIII</b>	<b>Green Belt</b>	
1	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><b>Complying with.</b></p> <ul style="list-style-type: none"> <li>• Total plantation within lease in 48.02 ha. with 120050 saplings till FY 2020-21 including safety zone (6.921 ha.).</li> <li>• Total plantation done in 16.45 ha in outside the lease area with 31765 nos. of saplings till FY 2020-21.</li> <li>• Total plantation done in FY 2021-22 in safety zone (7.5 m) of 0.73 ha. with 1637 saplings.</li> </ul> <p>Total plantation done in FY 2021-22 within lease in 1.75 ha. with 1818 nos. saplings.</p>
2	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.	There is no proposal of backfilled, pit shall be used for water storage at conceptual stage.
3	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.	Grazing land has been developed within plantation area.
4	The project proponent shall undertake all precautionary, measures for conservation	5 Nos. of captive Limestone Mines and 2 Nos. of Integrated Cement Plant of J K Cement Ltd are



**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	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.	situated within 10 KMS radius in Tehsil Nimbahera, Chittorgarh District and accordingly, Cumulative Wildlife Conservation Plan for 6 Sch-1 Species (Indian Peafowl (Pavo cristatus), Panther (Panthera pardus fusca), Rusty Spotted Cat (Prionailurus rubiginosus), Indian Wolf (Canis lupus pallipes!) Indian Monitor lizard (Varanus bengalensis) and Indian vulture (Gyps indicus/ bengalensis). Wild life 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 and accordingly 20% amount of Rs. 57.07 Lakh deposited by us against total WCP cost of Rs.285.30 Cr in July,21.										
5	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.	Wildlife conservation has been prepared in the consultation of DFO and implementation will be also done according to approved wildlife conservation plan.										
IX	Public hearing and human health issues											
1	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.	<b>Complied with.</b> Periodic medical check-up of workers is being carried out. Details are given below and enclosed as <b>Annexure-11.</b> <table><tr><th>Particular</th><th>Medical Exam. Carried out (in Nos.)</th></tr><tr><td>No. of persons examined</td><td>11</td></tr><tr><td>Initial Medical Examination</td><td>5</td></tr><tr><td>Periodical Medical Examination</td><td>6</td></tr><tr><td>Disease observed</td><td>NA</td></tr></table>	Particular	Medical Exam. Carried out (in Nos.)	No. of persons examined	11	Initial Medical Examination	5	Periodical Medical Examination	6	Disease observed	NA
Particular	Medical Exam. Carried out (in Nos.)											
No. of persons examined	11											
Initial Medical Examination	5											
Periodical Medical Examination	6											
Disease observed	NA											
2	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 neighbourhood 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,	<b>Complying with.</b> The company has Zero Harm Goal policy and we are periodically identified the hazards & 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 camp is being organised to all nearby villages for treatment and medicine free of cost.										

**Six Monthly Environment Clearance Compliance Report of Nimbahera-Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	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.	
3	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).	<p><b>Complying with.</b></p> <p>Pre-employment medical check-up are being carried out considering the parameter as per DGMS.</p>
4	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	<p><b>Complying with.</b></p> <p>Record are being maintained.</p>

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	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.	
5	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.	<b>Complying with.</b> PPEs have been provided and used by the persons engaged in drilling, dozing and loading. VT is being provided as under required VT Rules.
6	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.	<b>Complied with.</b> All workman and employees are residing in colony situated at Nimbahera Cement Plant where all basic facilities are available. There is no temporary structure /hutment has been constructed in mining area.
7	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.	<b>Complying with.</b> Kindly refer point no. 04.
<b>X</b>	<b>Corporate Environment Responsibility</b>	

**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

1	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.	<p><b>Complying with.</b> For environment protection measures expenditure made during FY-2021-22 is Rs/-530164/- The unit has been carried out combined CSR activities for cement plant &amp; its associated mines, on the focus area of infrastructure, health, sanitation &amp; water, women-empowerment, sports, education etc. The Expenditure occurred in the FY-2021-2022 are given as below: -</p> <table border="1"> <thead> <tr> <th>S.N.</th><th>Focus Area</th><th>Amount Expenditure (Rs.)</th></tr> </thead> <tbody> <tr> <td>1</td><td>Community Welfare</td><td>8934820</td></tr> <tr> <td>2</td><td>Disaster Relief</td><td>366000</td></tr> <tr> <td>3</td><td>Drinking Water Arrangement</td><td>5364266</td></tr> <tr> <td>4</td><td>Educational Charity</td><td>8702182</td></tr> <tr> <td>5</td><td>Environment</td><td>524384.40</td></tr> <tr> <td>6</td><td>Health</td><td>6009698</td></tr> <tr> <td>7</td><td>Livelihood Promotion</td><td>2935787</td></tr> <tr> <td>8</td><td>Sports Promotion</td><td>458695</td></tr> <tr> <td>9</td><td>Infrastructure Development</td><td>14442664</td></tr> <tr> <td></td><td><b>Total Expenditure (Rs.)</b></td><td><b>47738496</b></td></tr> </tbody> </table>	S.N.	Focus Area	Amount Expenditure (Rs.)	1	Community Welfare	8934820	2	Disaster Relief	366000	3	Drinking Water Arrangement	5364266	4	Educational Charity	8702182	5	Environment	524384.40	6	Health	6009698	7	Livelihood Promotion	2935787	8	Sports Promotion	458695	9	Infrastructure Development	14442664		<b>Total Expenditure (Rs.)</b>	<b>47738496</b>
S.N.	Focus Area	Amount Expenditure (Rs.)																																	
1	Community Welfare	8934820																																	
2	Disaster Relief	366000																																	
3	Drinking Water Arrangement	5364266																																	
4	Educational Charity	8702182																																	
5	Environment	524384.40																																	
6	Health	6009698																																	
7	Livelihood Promotion	2935787																																	
8	Sports Promotion	458695																																	
9	Infrastructure Development	14442664																																	
	<b>Total Expenditure (Rs.)</b>	<b>47738496</b>																																	
2	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.	Noted and Being followed.																																	
<b>XI</b>	<b>Miscellaneous</b>																																		
1	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.	<p><b>Complied with.</b> Last digital map for land use cover report has been submitted on 02.03.2020 and for next period it will be submitted on due course of time.</p>																																	
2	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.	Noted.																																	
3	The Project Proponent shall submit six monthly compliance reports on the status of the implementation of the stipulated environmental safeguards to the	<p><b>Complied with.</b> Last six monthly compliance report has been submitted on 28.05.2021</p>																																	



**Six Monthly Environment Clearance Compliance Report of Nimbahera-  
Ahirpura Limestone Mine (ML no. 02/97) of J. K. Cement Works, Nimbahera**

	MOEF&CC & its concerned Regional Office, Central Pollution Control Board and State Pollution Control Board.	
4	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.	<b>Complied.</b> A separate environmental management cell with qualified personnel has been established & has sufficient monitoring equipment in environmental laboratory.
5	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.	Agreed & Noted.
21	The Ministry or any other competent authority may alter/modify the above conditions or stipulate any further condition in the interest of environment protection.	Agreed & Noted.
22	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.	Noted.
23	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.	Agreed & Noted.
24	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.	Noted and agreed.
25	This issues with the approval of competent Authority.	Noted and agreed

राजस्थान सरकार  
Government of Rajasthan  
**कार्यालय सहायक खनि अभियन्ता, खान एवं भू-विज्ञान विभाग निम्बाहेड़ा**  
**Office of The Assistant Mining Engineer, Department of Mines & Geology Nimbahera**  
खनिज भवन, वेलकम बोर्ड, निम्बाहेड़ा बाईपास चित्तौड़ रोड, निम्बाहेड़ा / Khanij Bhawan, Welcome Board, Nimbahera Bypass, Chittor Road, Nimbahera  
Pin -312601 (Email: ame.nimbahera@rajasthan.gov.in)

क्रमांक : स.ख.अ./निम्बा/सीसी.1/एमएल. 2/1997/

दिनांक : 25/02/2022

**प्रमाण पत्र**

प्रमाणित किया जाता है कि खनन पट्टा एम.एल-2/1997 वास्ते खनिज लाईम स्टोन (सीमेन्टग्रेड) निकट ग्राम अहिरपुरा तहसील निम्बाहेड़ा जिला चित्तौड़गढ़ में क्षेत्रफल 403.1875 हेक्टर सर्वश्री जे.के.सीमेन्ट वर्क्स कैलाश नगर निम्बाहेड़ा के पक्ष में स्वीकृत एवं प्रभावशील है। निदेशालय खान एवं भू-विज्ञान विभाग राजस्थान उदयपुर के पत्र क्रमांक निखामू/प्रधान/निम्बा/सीसी-1/एम.एल -2/1997/712 दिनांक 21.02.2022 से पट्टाधारी सर्वश्री जे.के.सीमेन्ट वर्क्स के विरुद्ध शास्ती आरोपित करने के आदेश प्राप्त हुए हैं। प्रकरण की जांच करने पर वित्तीय वर्ष 1993-94 में खनिज लाईमस्टोन का उत्पादन 15.93 लाख टन वार्षिक किया था जो माननीय उच्चतम न्यायालय द्वारा रिट पिटीशन सिविल 114 /2014 में पारित निर्णय दिनांक 02.08.2017 के अनुसार बेसीक उत्पादन था, जो आगामी वर्ष 2000 - 2001 से 2003-2004 तक उक्त बेसीक उत्पादन 15.93 लाख टन वार्षिक के अधीन प्रति वर्ष किया जाना था। परन्तु खनिज लाईमस्टोन का बेसीक से अधिक उत्पादन किया जाने से पट्टाधारी कम्पनी सर्वश्री जे.के.सीमेन्ट वर्क्स को शास्ती राशि रु.1,10,000.00 जमा कराने के लिए नोटिस क्रमांक सखअ/निम्बा/सीसी-1/एमएल.2/1997/60 दिनांक 23.02.2022 जारी किया गया। नोटिस की पालना में शास्ती राशि रु.1,10,000.00 दिनांक 23.02.2022 को जीआरन नम्बर 59201476 से पट्टाधारी कम्पनी द्वारा जमा करा कार्यालय को सूचित किया गया। इस प्रकार पट्टाधारी कम्पनी सर्वश्री जे.के.सीमेन्ट वर्क्स द्वारा पर्यावरण वन एवं जलवायु परिवर्तन मन्त्रालय से जारी पर्यावरण अनुमति F.NO.J-11015/83/2004-IA.II(M) Date 07 July 2021 में अंकित स्टेडर्ड कंडीशन 20(बी)3 [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 Judgement 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.] की पालना कर दी जाने से यह प्रमाण पत्र जारी किया जाता है।

(भँवरलाल लबाना)

सहायक खनि अभियन्ता  
निम्बाहेड़ा

क्रमांक : स.ख.अ./निम्बा/सीसी.1/एमएल. 2/1997/70

दिनांक : 25/02/2022

प्रतिलिपि निम्न को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है:-

1. श्रीमान् निदेशक महोदय, खान एवं भू-विज्ञान विभाग राजस्थान उदयपुर को आपका पत्र क्रमांक निखामू/प्रधान/निम्बा/ सीसी-1/एम.एल -2/1997/712 दिनांक 21.02.2022 के सन्दर्भ में
2. श्रीमान् अधीक्षण खनि अभियन्ता, खान एवं भू-विज्ञान विभाग भीलवाड़ा-वृत्त, भीलवाड़ा
3. सर्वश्री जे.के.सीमेन्ट वर्क्स, कैलाश नगर, निम्बाहेड़ा

(भँवरलाल लबाना)

सहायक खनि अभियन्ता  
निम्बाहेड़ा



## (भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

**NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION**

Project Name:	J.k Cement Works		
Project Address:	J.k Cement Works, Tilakhera And Nimbahera-ahirpura		
Town:	Nimbahera	Block:	Nimbahera
District:	Chittorgarh	State:	Rajasthan
Pin Code:			
Communication Address:	J.k. Cement Works Nimbahera And Tilakhera Nimbahera Ahirpura Mine, Kailash Nagar, Tehsil Nimbahera, Nimbahera, Chittorgarh, Rajasthan - 312617		
Address of CGWB Regional Office :	Central Ground Water Board Western Region, 6-a, Jhalana Doongri, Jaipur, Rajasthan - 302004		

1.	NOC No.:	CGWA/NOC/IND/REN/3/2021/6476													
2.	Application No.:	21-4/34/RJ/IND/2006					3.	Category: (GWRE 2020)	Over Exploited						
4.	Project Status:	Existing Ground Water					5.	NOC Type:	Renewal						
6.	Valid from:	14/05/2020					7.	Valid up to:	13/05/2022						
8.	Ground Water Abstraction Permitted:														
Fresh Water		Saline Water				Dewatering			Total						
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
441.50		145695.00													
9.	Details of ground water abstraction /Dewatering structures														
Total Existing No.:12							Total Proposed No.:0								
		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu		
Abstraction Structure*		0	0	0	12	0	0	0	0	0	0	0	0		
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
10.	Ground Water Abstraction/Restoration Charges paid (Rs.):							2472400.00							
11.	Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.					No. of Piezometers		Monitoring Mechanism							
							Manual	DWLR**	DWLR With Telemetry						
**DWLR - Digital Water Level Recorder					1		0	1	0						

**(Compliance Conditions given overleaf)**

This is an auto generated document &amp; need not to be signed.

**Validity of this NOC shall be subject to compliance of the following conditions:**

**Mandatory conditions:**

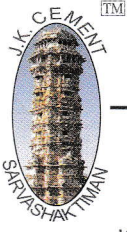
- 1) Installation of tamper proof digital water flow meter with telemetry on all the abstraction structure(s) shall be mandatory for all users seeking No Objection Certificate and intimation regarding their installation shall be communicated to the CGWA within 30 days of grant of No Objection Certificate.
- 2) Proponents shall mandatorily get water flow meter calibrated from an authorized agency once in a year.
- 3) Construction of purpose-built observation wells (piezometers) for ground water level monitoring shall be mandatory as per Section 14 of Guidelines. Water level data shall be made available to CGWA through web portal. Detailed guidelines for construction of piezometers are given in Annexure-II of the guidelines.
- 4) Proponents shall monitor quality of ground water from the abstraction structure(s) once in a year. Water samples from bore wells/ tube wells / dug wells shall be collected during April/May every year and analysed in NABL accredited laboratories for basic parameters (cations and anions), heavy metals, pesticides/ organic compounds etc. Water quality data shall be made available to CGWA through the web portal.
- 5) In case of mining projects, additional key wells shall be established in consultation with the Regional Director, CGWB for ground water level monitoring four (4) times a year (January, May, August and November) in core as well as buffer zones of the mine.
- 6) In case of mining project the firm shall submit water quality report of mine discharge/ seepage from Govt. approved/ NABL accredited lab.
- 7) The firm shall report compliance of the NOC conditions online in the website ([www.cgwa-noc.gov.in](http://www.cgwa-noc.gov.in)) within one year from the date of issue of this NOC.
- 8) Industries abstracting ground water in excess of 100 m<sup>3</sup>/d shall undertake annual water audit through certified auditors and submit audit reports within three months of completion of the same to CGWA. All such industries shall be required to reduce their ground water use by at least 20% over the next three years through appropriate means.
- 9) Application for renewal can be submitted online from 90 days before the expiry of NOC. Ground water withdrawal, if any, after expiry of NOC shall be illegal & liable for legal action as per provisions of Environment (Protection) Act, 1986.
- 10) This NOC is subject to prevailing Central/State Government rules/laws/norms or Court orders related to construction of tube well/ground water abstraction structure / recharge or conservation structure/discharge of effluents or any such matter as applicable.

**General conditions:**

- 11) No additional ground water abstraction and/or de-watering structures shall be constructed for this purpose without prior approval of the Central Ground Water Authority (CGWA).
- 12) The proponent shall seek prior permission from CGWA for any increase in quantum of groundwater abstraction (more than that permitted in NOC for specific period).
- 13) Proponents shall install roof top rain water harvesting in the premise as per the existing building bye laws in the premise.
- 14) The project proponent shall take all necessary measures to prevent contamination of ground water in the premises failing which the firm shall be responsible for any consequences arising thereupon.
- 15) In case of industries that are likely to contaminate the ground water, no recharge measures shall be taken up by the firm inside the plant premises. The runoff generated from the rooftop shall be stored and put to beneficial use by the firm.
- 16) Wherever feasible, requirement of water for greenbelt (horticulture) shall be met from recycled / treated waste water.
- 17) Wherever the NOC is for abstraction of saline water and the existing wells (s) is /are yielding fresh water, the same shall be sealed and new tubewell(s) tapping saline water zone shall be constructed within 3 months of the issuance of NOC. The firm shall also ensure safe disposal of saline residue, if any.
- 18) Unexpected variations in inflow of ground water into the mine pit, if any, shall be reported to the concerned Regional Director, Central Ground Water Board.
- 19) In case of violation of any NOC conditions, the applicant shall be liable to pay the penalties as per Section 16 of Guidelines.
- 20) This NOC does not absolve the proponents of their obligation / requirement to obtain other statutory and administrative clearances from appropriate authorities.
- 21) The issue of this NOC does not imply that other statutory / administrative clearances shall be granted to the project by the concerned authorities. Such authorities would consider the project on merits and take decisions independently of the NOC.
- 22) In case of change of ownership, new owner of the industry will have to apply for incorporation of necessary changes in the No Objection Certificate with documentary proof within 60 days of taking over possession of the premises.
- 23) This NOC is being issued without any prejudice to the directions of the Hon'ble NGT/court orders in cases related to ground water or any other related matters.
- 24) Proponents, who have installed/constructed artificial recharge structures in compliance of the NOC granted to them previously and have availed rebate of upto 50% (fifty percent) in the ground water abstraction charges/ground water restoration charges, shall continue to regularly maintain artificial recharge structures.
- 25) Industries which are likely to cause ground water pollution e.g. Tanning, Slaughter Houses, Dye, Chemical/ Petrochemical, Coal washeries, pharmaceutical, other hazardous units etc. (as per CPCB list) need to undertake necessary well head protection measures to ensure prevention of ground water pollution as per Annexure III of the guidelines.
- 26) In case of new infrastructure projects having ground water abstraction of more than 20 m<sup>3</sup>/day, the firm/entity shall ensure implementation of dual water supply system in the projects.
- 27) In case of infrastructure projects, paved/parking area must be covered with interlocking/perforated tiles or other suitable measures to ensure groundwater infiltration/harvesting.
- 28) In case of coal and other base metal mining projects, the project proponent shall use the advance dewatering technology (by construction of series of dewatering abstraction structures) to avoid contamination of surface water.
- 29) The NOC issued is conditional subject to the conditions mentioned in the Public notice dated 27.01.2021 failing which penalty/EC/cancellation of NOC shall be imposed as the case may be.
- 30) This NOC is issued subject to the clearance of Expert Appraisal Committee (EAC) (if applicable).

**(Non-compliance of the conditions mentioned above is likely to result in the cancellation of NOC and legal action against the proponent.)**





**JK Cement LTD.**

CIN : L17229UP1994PLC017199

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | ISO 50001:2018 CERTIFIED COMPANY

Phone : +91-1477-220098, 220087  
Fax : +91-1477-220027, 220049  
E-mail : jkc.nbh@jkcement.com  
Web : www.jkcement.com

**J.K. Cement Works**  
Kailash Nagar - 312617, Nimbahera  
Distt. Chittorgarh (Raj.) INDIA

NBH/PC/C/EC-M-AHR/14/ 1959

Date: 14.07.2021

To,  
The Member Secretary EAC (Non- Coal Mining)  
Ministry of Environment, Forest & Climate Change  
2<sup>nd</sup> floor, Prithvi Wing, Indira Paryavaran Bhawan,  
Jor Bagh Road, Aliganj, New Delhi- 110 003

**Sub: Compliance of EC standard conditions no. B (I) (11) and B (I) (13) of Nimbahera - Ahirpura Limestone Mine (2.0 to 0.8949 Million TPA) of M/s J. K. Cement Ltd.**

Ref: EC no. J – 11015 / 83 / 2004 – IA.II (M) dated 07.07.2021

Dear Sir,

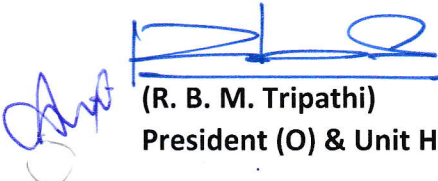
Kindly refer to the above EC letter, submitting herewith compliance status of standard Condition nos. B (I) (11) and B (I) (13).

- Copy of EC has been marked to the local concern authority (receipt enclosed).
- EC granted information published in two local newspapers i.e. Dainik Bhaskar & Rajasthan Patrika on 08.07.2021 (copy enclosed).

Thanking You.

Yours faithfully,

**For J. K. Cement Works, Nimbahera**

  
(R. B. M. Tripathi)

**President (O) & Unit Head**

Encl.: as above

Copy:

1. The Regional Director, Ministry of Environment, Forest & Climate Change, Regional Office (Central Region), Kendriya Bhawan, 05<sup>th</sup> floor, sector –H, Aliganj, Lucknow-226024
2. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongari, Jaipur (Raj)-302004
3. The Regional Director, Central Pollution Control Board, 4<sup>th</sup> Floor, Sahkar Bhawan, North TT Nagar, Bhopal-462003

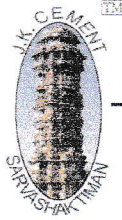
**Corporate & Registered Office :** Kamla Tower, Kanpur-208001, (U. P.) INDIA  
**Phone :** +91-512-2371478 to 81 **Fax :** 2399854 **E-mail :** ho.grey@jkcement.com



J. K. Cement Works, Nimbahera  
J. K. Cement Works Mangrol  
J. K. Cement Works, Gotan  
J. K. Cement Works, Jharli

J. K. Power, Bamania  
J. K. Cement Works, Muddapur  
J. K. White Cement Works, Gotan  
J. K. White, Katni





**JK Cement LTD.**

Phone : +91-1477-220098, 220087  
Fax : +91-1477-220027, 220049  
E-mail : jkc.nbh@jkcement.com  
Web : www.jkcement.com

J.K. Cement Works  
Kamash Nagar - 312617, Nimbahera  
Distt. Chittorgarh (Raj.) INDIA

CIN : L17229UP1994PLC017199

ISO 9001:2015 | ISO 14001:2015 | ISO 45001:2018 | ISO 50001:2018 CERTIFIED COMPANY

JKCW/NBH/PC/EC/A/13

Date: 08.07.2021

To,  
The Regional Officer  
Rajasthan State Pollution Control Board  
Near FCI Godawn, Chanderiya  
Chittorgarh (Rajasthan)

**Sub: Regarding information for grant of Environmental Clearance for Nimbahera- Ahirpura Limestone Mine (ML area 403.1875 ha.) at village Ahirpura & Murlia, Tehsil Nimbahera, Dist. Chittorgarh (Rajasthan) by M/s J. K. Cement Work (A unit of J.K. Cement Ltd.)**

Dear Sir,

Kindly refer to the above subject matter, we hereby intend to environment clearance has been granted by the MoEF vide letter no. F. No. J-11015/83/2004-IA.II (M) dated 07.07.2021 for reduction of production capacity from 2.0 Million TPA to 0.8949 Million TPA of Nimbahera-Ahirpura Limestone Mine.

We hereby enclosing the copy of EC for your reference please.

Thanking you.

Yours faithfully,

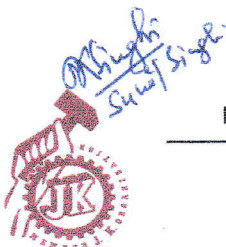
**For J. K. Cement Works, Nimbahera**

**(R.B.M. Tripathi)**  
**President (Operations) & Unit Head**

Encl: As above.

Copy:

1. The Member Secretary, Rajasthan State Pollution Control Board, 4, Institutional Area, Jhalana Doongri, JAIPUR - 302004 (RAJ).
2. The Regional Director, Regional Office (CR), Ministry of Environment, Forest & Climate Change, 5<sup>th</sup> Floor, Central Bhawan, Sector - H, Aliganj, Lucknow
3. The District Collector, District Office, Chittorgarh (Rajasthan)
4. The Chief Executive Officer, Zila Parishad, Distt.- Chittorgarh (Raj.)
5. The General Manger, District Industrial Center, Dist Chittorgarh.
6. The SDM, Sub Divisional Office, Tehsil: Nimbahera, Dist: Chittorgarh (Raj)
7. The Gram Panchayat, Fatcher Ahiran, Tehsil: Nimbahera, Dist: Chittorgarh (Raj)



**Corporate & Registered Office : Kamla Tower, Kanpur-208001, (U. P.) INDIA**  
**Phone : +91-512-2371478 to 81 Fax : 2399854 E-mail : ho.grey@jkcement.com**

J. K. Cement Works, Nimbahera  
J. K. Cement Works Mangrol  
J. K. Cement Works, Gotan  
J. K. Cement Works, Jharli

J. K. Power, Bamania  
J. K. Cement Works, Muddapur  
J. K. White Cement Works, Gotan  
J. K. White, Katni





## जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा (राज.)

**सूचना** दिनांक 09 जुलाई 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की निम्बाहेड़ा-अहीरपुरा लाईमस्टोन माईन्स (ML Area 403.1875 Ha.), तहसील-निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता { 2.0 Million TPA to 0.8949 Million TPA } कम करने हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक J-11015/83/2004-IA-II(M), दिनांक 07 जुलाई 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है। उपरोक्त पर्यावरण स्वीकृति की प्रतिलिपी भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की वेबसाइट [www.parivesh.nic.in](http://www.parivesh.nic.in) पर एवं जे. के. सीमेन्ट लिमिटेड की वेबसाइट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

**अध्यक्ष-ऑपरेशन्स जे.के.सीमेन्ट वर्क्स, निम्बाहेड़ा**

Dainik Bhaskar

Dt. 08.07.2021

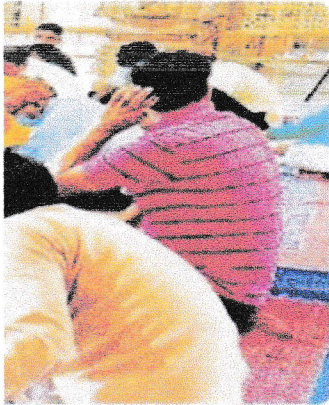
पत्रिका  
जटल कनेक्ट



खबरों में लगे इन आइकन्स से जुड़िए



## स्या पर भक्त



10। सांवरिया सेठ के भंडार में 3538 रुपए प्राप्त हुए।

**लवा माता भण्डार से एकले 1.99 लाख रुपए**  
गला अमावस्या पर क्षेत्र के सैद्ध धार्मिक स्थल एलवा माताजी भंडार खोला गया।

## व्यवसायिक ऋण आवेदन आमंत्रित

पत्रिका न्यूज नेटवर्क  
[patrika.com](http://patrika.com)

**चित्तौड़गढ़** राजस्थान अल्पसंख्यक वित्त एवं विकास सहकारी निगम लिमिटेड जयपुर की ओर से जिला अल्पसंख्यक कार्यालय के माध्यम से अल्पसंख्यक समुदाय के लोगों को स्वयं के व्यवसाय व शिक्षा के लिए आसान ब्याज दर पर ऋण उपलब्ध करवाया जाना है।

जिला अल्पसंख्यक कल्याण अधिकारी मंजूर खां पठान ने बताया कि वित्तीय वर्ष 2021-22 के लिए अल्पसंख्यक समुदाय के व्यक्तियों से व्यवसायिक ऋण, शिक्षा ऋण एवं

लघु ऋण देने के लिए आवेदन आमंत्रित किए जा रहे हैं। आवेदन पत्र कार्यालय जिला अल्पसंख्यक मामलात विभाग, कुम्भानगर चित्तौड़गढ़ से प्राप्त किए जा सकते हैं। अधिक जानकारी के लिए कार्यालय जिला अल्पसंख्यक कल्याण अधिकारी चित्तौड़गढ़ के दूरभाष नम्बर 01472-294667 पर संपर्क कर सकते हैं। जैन मुस्लिम सिख ईसाई पारसी बौद्ध वर्ग के व्यवसायी जो 18 से 54 वर्ष के हैं। वह लघु उद्यम प्रारंभ करने के लिए आवेदन कर सकते हैं महिला एवं बीपीएल वर्ग के आवेदकों को प्राथमिकता दी जाएगी।

Rajasthan Patrika

Dt. 08.07.2021

## जे. के. सीमेन्ट वर्क्स, निम्बाहेड़ा (राज.)

**सूचना** दिनांक 09 जुलाई 2021

सर्व सम्बन्धित को सूचित किया जाता है कि जे.के. सीमेन्ट की निम्बाहेड़ा-अहीरपुरा लाईमस्टोन माईन्स (ML Area 403.1875 Ha.), तहसील-निम्बाहेड़ा, जिला-चित्तौड़गढ़ की उत्पादन क्षमता (2.0 Million TPA to 0.8949 Million TPA) कम करने हेतु भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय, नई दिल्ली द्वारा पत्र क्रमांक J-11015/83/2004-IA-II(M), दिनांक 07 जुलाई 2021 के माध्यम से पर्यावरण स्वीकृति प्राप्त हुई है।

उपरोक्त पर्यावरण स्वीकृति की प्रतिलिपी भारत सरकार की वन, पर्यावरण एवं जलवायु परिवर्तन मन्त्रालय की वेबसाइट [www.parivesh.nic.in](http://www.parivesh.nic.in) पर एवं जे. के. सीमेन्ट लिमिटेड की वेबसाइट तथा राजस्थान राज्य प्रदूषण नियन्त्रण मण्डल के कार्यालय में उपलब्ध है।

**अध्यक्ष-ऑपरेशन्स जे.के. सीमेन्ट वर्क्स, निम्बाहेड़ा**

**J.K. Cement WORKS, NIMBAHERA (RAJ)**  
**NIMBAHERA - AHIRPURA LIMESTONE MINE (Ahirpura Block)**

**Annexure-5**

**SIX MONTHLY AMBIENT AIR QUALITY & NOISE MONITORING REPORT**

**October '2021 to March'2022**

**1) AMBIENT AIR QUALITY RESULTS : ( ALL VALUES IN µg/M3 )**

Sample duration: 24 hours  
(monthly average basis)

Month	Near Mines Gate					Near Mines Water Pump House				
	PM10	PM 2.5	SO <sub>2</sub>	NO <sub>x</sub>	CO	PM10	PM 2.5	SO <sub>2</sub>	NO <sub>x</sub>	CO
Oct-21	36.4	24.7	10.8	21.2	635	41.6	32.3	12.8	23.6	578
Nov-21	38.4	29.4	14.2	17.9	613	49.4	36.5	18.4	23.6	567
Dec-21	41.3	32.1	10.9	21.4	699	53.2	31.5	14.6	26.5	670
Jan-22	37.1	31.8	13.7	22.7	682	42.8	37.5	15.5	26.3	722
Feb-22	58.9	37.9	11.8	24.2	756	62.0	41.4	16.3	32.8	727
Mar-22	49.4	28.3	9.6	20.5	721	51.7	30.5	11.5	22.6	716
AVERAGE	43.6	30.7	11.8	21.3	684	50.1	34.9	14.8	25.9	663

**2) NOISE LEVEL MEASUREMENT RESULTS : ( ALL VALUES IN dB(A) )**

Month	Near Mines Gate		Near Mine Water Pump House	
	DAY	NIGHT	DAY	NIGHT
Oct-21	60.6	57.1	48.7	44.3
Nov-21	58.4	54.3	46.9	41.2
Dec-21	55.1	51.8	41.4	40.7
Jan-22	57.6	42.3	55.9	37.1
Feb-22	51.2	38.8	48.2	35.7
Mar-22	53.8	39.7	50.5	36.9

**J.K. Cement WORKS, NIMBAHERA (RAJ)**  
**NIMBAHERA - AHIRPURA LIMESTONE MINE (Murlia block)**  
**SIX MONTHLY AMBIENT AIR QUALITY & NOISE MONITORING REPORT**  
**October '2021 to March'2022**

**1) AMBIENT AIR QUALITY RESULTS : ( ALL VALUES IN µg/M3 )**

Sample duration: 24 hours  
(monthly average basis)

Month	Near Mines Gate					Near Ravana Office					3 to10 Meter Distance From Drilling Operation				Near loading point			
	PM10	PM 2.5	SO <sub>2</sub>	NO <sub>x</sub>	CO	PM10	PM 2.5	SO <sub>2</sub>	NO <sub>x</sub>	CO	SPM	SO <sub>2</sub>	NO <sub>x</sub>	CO	SPM	SO <sub>2</sub>	NO <sub>x</sub>	CO
Oct-21	43.0	30.7	15.7	23.8	595	51.7	37.1	13.8	24.1	618	339	15.7	23.8	595	309	10.8	24.5	590
Nov-21	48.9	36.6	17.4	25.7	544	52.5	43.7	19.8	30.9	807	392	16.2	30.7	601	413	19.4	30.8	647
Dec-21	43.7	29.0	14.3	23.8	601	53.4	26.8	18.5	27.8	750	390	15.5	29.4	876	357	10.9	20.4	716
Jan-22	45.6	38.8	14.9	26.6	693	56.6	44.2	21.7	32.6	705	418	14.7	28.2	745	364	15.2	24.3	871
Feb-22	38.6	30.0	22.0	30.4	773	66.3	34.0	24.3	33.2	894	413	19.1	33.7	831	381	14.3	26.1	653
Mar-22	40.3	25.5	11.7	17.7	544	44.1	30.3	13.2	22.2	584	272	11.7	17.7	544	296	14.1	17.4	561
AVERAGE	43.4	31.8	16.0	24.7	625	54.1	36.0	18.6	28.5	726	371	15.5	27.2	699	353	14.1	23.9	673

**2) NOISE LEVEL MEASUREMENT RESULTS : ( ALL VALUES IN dB(A) )**

Month	Near Mines Gate		Near Ravana Office	
	DAY	NIGHT	DAY	NIGHT
Oct-21	62.7	59.2	49.6	46.4
Nov-21	60.4	53.8	50.8	41.7
Dec-21	62.8	58.9	51.2	44.8
Jan-22	47.6	38.9	46.6	35.9
Feb-22	52.8	41.8	53.8	39.1
Mar-22	49.9	40.8	51.1	42.3





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003732	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement , Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Ahirpura Village	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	260	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.29	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	28.57	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.63	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	69.55	IS 5182 (Part 23)-2006 RA 2017	100.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Purush Mal Yogi

Authorized Signatory

(Report No: TC502522400003732 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RHCO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003731	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement , Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Murlia Village	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	340	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.47	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	38.53	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	2.47	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	78.27	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

*Purush Mal Yogi*

Authorized Signatory

(Report No: TC502522400003731 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

**RSPCB      ISO 9001:2015      OHSAS 18001:2007      JDA/UDH**

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003730	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML -2/97) J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Near loading point of Murlia Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	390	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.37	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Sulphur Dioxide [microgram/m3]	3.65	IS 5182 (Part 2) : 2001 RA 2017	80.00
4	Suspended Particulate Matter (SPM) [microgram/m3]	376.24	IS 5182 (Part 4) : 1999 RA 2019	-

**Notes :-**

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

*Puran*  
**Puran Mal Yogi**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwari**  
Authorized Signatory  
(Report No: TC502522400003730)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB      ISO 9001:2015      OHSAS 18001:2007      JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : [www.teamtesthouse.com](http://www.teamtesthouse.com)  
Email : [team.bdhead@gmail.com](mailto:team.bdhead@gmail.com)

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : [director@teamtesthouse.com](mailto:director@teamtesthouse.com),  
Email : [marketinglab@teamtesthouse.com](mailto:marketinglab@teamtesthouse.com)

## TEST REPORT

Report No./ULR No. :	TC502522400003729	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML -2/97) J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	3-10 Meter Distance from Drilling Point of Murlia block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	270	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	9.07	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Sulphur Dioxide [microgram/m3]	1.84	IS 5182 (Part 2) : 2001 RA 2017	80.00
4	Suspended Particulate Matter (SPM) [microgram/m3]	390.81	IS 5182 (Part 4) : 1999 RA 2019	-

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

10045  
Buran Mal Yogi  
Senior Analyst

Rajesh Maheshwan  
Authorized Signatory  
(Report No: TC502522400003729)



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RHICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003728	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Near Ravana office Murlia Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	310	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	13.21	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	37.47	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	1.81	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	73.13	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signatory

(Report No: TC502522400003728 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003727	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	06-12-2021
Point of Collection :	Near Mine office Murlia Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	340	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.13	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	36.11	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	1.98	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	74.18	IS 5182 (Part 23)-2006 RA 2017	100.00

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Poonam Mal Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TC502522400003727 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB                      ISO 9001:2015                      OHSAS 18001:2007                      JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003726	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML -2/97) J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	06-12-2021
Point of Collection :	Near Loading point of Ahirpura Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	260	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.53	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Sulphur Dioxide [microgram/m3]	2.97	IS 5182 (Part 2) : 2001 RA 2017	80.00
4	Suspended Particulate Matter (SPM) [microgram/m3]	388.60	IS 5182 (Part 4) : 1999 RA 2019	-

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Purnan Mahayogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TC502522400003726)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003725	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	06-12-2021
Point of Collection :	3-10 Meter Distance from Drilling Point of Ahirpura block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	270	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	15.2	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Sulphur Dioxide [microgram/m3]	2.64	IS 5182 (Part 2) : 2001 RA 2017	80.00
4	Suspended Particulate Matter (SPM) [microgram/m3]	419.61	IS 5182 (Part 4) : 1999 RA 2019	-

**Notes :-**

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Duran Mal Yogi  
Senior Analyst

Rajesh Maheshwan  
Authorized Signatory  
(Report No: TC502522400003725 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RHICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003724	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Cement Plant
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	06-12-2021
Point of Collection :	Near Mine Office Ahirpura Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	340	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	14.09	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	35.78	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	3.15	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	67.66	IS 5182 (Part 23)-2006 RA 2017	100.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Purush Mal Yogi

Rajesh Maheshwari

Authorized Signatory

(Report No: TC502522400003724 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400003723	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	06-12-2021
Point of Collection :	Near Water Pump house Ahirpura Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Carbon Monoxide [microgram/m3]	310	TTH/AAQM/08	4000
2	Nitrogen Dioxide as NO2 [microgram/m3]	12.22	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
3	Particulate Matter (PM2.5) [microgram/m3]	35.1	IS 5182 (Part 24) : 2019	60.00
4	Sulphur Dioxide [microgram/m3]	1.84	IS 5182 (Part 2) : 2001 RA 2017	80.00
5	Particulate Matter (PM 10) [microgram/m3]	70.83	IS 5182 (Part 23)-2006 RA 2017	100.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Pursh Mal Yogi

Rajesh Maheshwan

Authorized Signatory

(Report No: TC502522400003723 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranganj Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600002695	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Near Ravana office Murlia Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time ) : Leq [dB(A)]	66.5	IS 9989	75
2	Noise Level (Night Time ) : Leq [dB(A)]	51.2	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Purnima Mal Yogi

Authorized Signatory

(Report No: TC502522600002695 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600002693	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K. Cement, Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Near Mine Office Ahirpura Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time) : Leq [dB(A)]	63.5	IS 9989	75
2	Noise Level (Night Time) : Leq [dB(A)]	51.0	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Purnan Mal Yogi  
Senior Analyst

Rajat Maheshwari  
Authorized Signatory  
(Report No: TC502522600002693 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RHCO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600002694	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement , Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Near Mine office Murlia Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time ) : Leq [dB(A)]	62.2	IS 9989	75
2	Noise Level (Night Time ) : Leq [dB(A)]	50.6	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signatory

(Report No: TC502522600002694 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RHCO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600002692	Date :	08-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	07-12-2021
Point of Collection :	Near Water Pump , Ahirpura Block	Date of Receipt :	24-12-2021
Date of Test/Analysis :	24-12-2021 to 08-01-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time ) : Leq [dB(A)]	62.5	IS 9989	75
2	Noise Level (Night Time ) : Leq [dB(A)]	51.3	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Purushottam Mal Yogi

Rajesh Maheshwan

Authorized Signatory

(Report No: TC502522600002692 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000387	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	Near Water Pump house Ahirpura Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	330	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.15	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.21	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	33.19	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	5.49	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	67.53	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	8.3	IS 5182 : Part 26 : 2020	20.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

*Puran Mal Yogi*  
Puran Mal Yogi

*Rajesh Maheshwar*  
Rajesh Maheshwar



## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	400000387	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement, Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	Near Water Pump house Ahirpura Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

#### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst  
Puran Mal Yogi

Authorized Signatory  
(Report No: 400000387 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000388	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Near Mine Office Ahirpura Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	360	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.19	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.46	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	31.98	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	5.11	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	62.92	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	5.3	IS 5182 : Part 26 : 2020	20.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mal Yogi

Rajesh Maneshwan





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

**RSPCB**

**ISO 9001:2015,**

**ISO 14001:2015,**

**ISO 45001:2018 (OH&S)**

**JDA/UDH**

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	400000388	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Near Mine Office Ahirpura Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

**Notes :-**

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

*Puran Mal Yogi*

*Rajesh Maheshwar*

Authorized Signatory  
(Report No: 400000388 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000389	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement, Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	3-10 Meter Distance from Drilling Point of Ahirpura block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	423.11	IS 5182 (Part 4) : 1999 RA 2019
2	Sulphur Dioxide [microgram/m3]	3.45	IS 5182 (Part 2) : 2001 RA 2017
3	Oxides of Nitrogen [microgram/m3]	11.36	IS 5182 (Part 6) : 2006 Reaffirmed 2017
4	Carbon Monoxide [microgram/m3]	320	TTH/AAQM/08

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

*P. Yogi*  
Puran Mal Yogi

Authorized Signatory

*Rajesh Maheshwar*  
Rajesh Maheshwar

(Report No: TC502522400000389)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000390	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines.
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Near Loading point of Ahirpura Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	471.06	IS 5182 (Part 4) : 1999 RA 2019
2	Sulphur Dioxide [microgram/m3]	4.49	IS 5182 (Part 2) : 2001 RA 2017
3	Oxides of Nitrogen [microgram/m3]	10.1	IS 5182 (Part 6) : 2006 Reaffirmed 2017
4	Carbon Monoxide [microgram/m3]	350	TTH/AAQM/08

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst  
Purni Mal Yogi

Authorized Signatory  
(Report No: TC502522400000390 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000391	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	Near Mine office Murlia Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	340	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.18	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	13.35	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	25.08	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.87	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	60.29	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	7.5	IS 5182 : Part 26 : 2020	20.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Purni Mal Yogi

Rajesh Maneswar



## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RHICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	400000391	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement, Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	Near Mine office Murlia Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

#### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signatory  
(Report No: 400000391)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000392	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Near Ravana office Murlia Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.12	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.85	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	26.44	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	4.08	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	69.85	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	3.9	IS 5182 : Part 26 : 2020	20.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

*Puran Mal*  
Puran Mal Yogi

*Rajesh*  
Rajesh Maheshwari



## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	400000392	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement, Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Near Ravana office Murlia Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 24-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

#### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signature  
(Report No: 400000392 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000393	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	3-10 Meter Distance from Drilling Point of Murlia block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	414.29	IS 5182 (Part 4) : 1999 RA 2019
2	Sulphur Dioxide [microgram/m3]	3.33	IS 5182 (Part 2) : 2001 RA 2017
3	Oxides of Nitrogen [microgram/m3]	13.14	IS 5182 (Part 6) : 2006 Reaffirmed 2017
4	Carbon Monoxide [microgram/m3]	370	TTH/AAQM/08

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst  
Puran Mal Yogi

Authorized Signatory  
(Report No: TC502522400000393 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RHCO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000394	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Fugitive Emission Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Near loading point of Murlia Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol
1	Suspended Particulate Matter [microgram/m3]	453.33	IS 5182 (Part 4) : 1999 RA 2019
2	Sulphur Dioxide [microgram/m3]	3.77	IS 5182 (Part 2) : 2001 RA 2017
3	Oxides of Nitrogen [microgram/m3]	14.42	IS 5182 (Part 6) : 2006 Reaffirmed 2017
4	Carbon Monoxide [microgram/m3]	360	TTH/AAQM/08

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst  
Purni Mal Yogi

Authorized Signatory  
(Report No: TC502522400000394 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000395	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	Murlia Village	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	330	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.15	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	14.91	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977,Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	32.1	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	3.71	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	73.66	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	6.4	IS 5182 : Part 26 : 2020	20.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mal Yogi

Rajesh Maheshwan





## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	400000395	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement, Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	09-02-2022
Point of Collection :	Murlia Village	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

#### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

*Pooja*  
**Pooja Mal Yogi**

Authorized Signatory

*Rajesh*  
**Rajesh Maheshwari**  
(Report No: 400000395)



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522400000396	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement, Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Ahirpura Village	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Ammonia [microgram/m3]	BDL (<10.0)	IS 5182 (Part 25) : 2018	400.00
2	Carbon Monoxide [microgram/m3]	320	TTH/AAQM/08	4000
3	Lead [microgram/m3]	0.17	IS 5182 (Part 22) : 2004 Reaffirmed 2019	1.00
4	Nitrogen Dioxide as NO2 [microgram/m3]	13.97	IS 5182 (Part 6) : 2006 Reaffirmed 2017	80.00
5	Ozone [microgram/m3]	BDL (<20.0)	APHA 1977, Part 819	100.00
6	Particulate Matter (PM2.5) [microgram/m3]	25.46	IS 5182 (Part 24) : 2019	60.00
7	Sulphur Dioxide [microgram/m3]	2.89	IS 5182 (Part 2) : 2001 RA 2017	80.00
8	Particulate Matter (PM 10) [microgram/m3]	67.66	IS 5182 (Part 23)-2006 RA 2017	100.00
9	Arsenic [ng/m3]	BDL(<2.0)	IS 5182 (Part 22) : 2004 Reaffirmed 2019	6.00
10	Nickel [ng/m3]	5.3	IS 5182 : Part 26 : 2020	20.00

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Purnan Mal Yogi

Rajesh Maheshwan





## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	400000396	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Air Quality Monitoring	Date of Sample Collection/Monitoring :	10-02-2022
Point of Collection :	Ahirpura Village	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	IS 5182:2000(Part 14)RA 2014
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per National Ambient Air Quality Standard, 2009
1	Benzene [microgram/m3]	BDL (<1.0)	IS 5182 (Part 11) : 2012 RA 2017	5.00
2	Benzo-alfa- Pyrene [ng/m3]	BDL(<0.5)	CPCB Guidelines	1.00

#### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst  
Puran Mal Yogi

Authorized Signatory  
Rajesh Maheshwari  
(Report No: 400000396 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600000248	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	08-02-2022
Point of Collection :	Near Water Pump , Ahirpura Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Krashtra Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time ) : Leq [dB(A)]	58.3	IS 9989	75
2	Noise Level (Night Time ) : Leq [dB(A)]	50.2	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signatory

Rajesh Maheshwari  
(Report No: TC502522600000248 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600000249	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	08-02-2022
Point of Collection :	Near Mine Office Ahirpura Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time ) : Leq [dB(A)]	56.6	IS 9989	75
2	Noise Level (Night Time ) : Leq [dB(A)]	48.5	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst  
Purni Mal Yogi

Authorized Signatory  
Rakesh Malhotra  
(Report No: TC502522600000249 )



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600000250	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	08-02-2022
Point of Collection :	Near Mine office Murlia Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time ) : Leq [dB(A)]	59.8	IS 9989	75
2	Noise Level (Night Time ) : Leq [dB(A)]	51.3	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signatory

Rajesh Maheshwari  
(Report No: TC502522600000250 )





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522600000251	Date :	25-02-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) J.K Cement ,Tehsil- Nimbahera, District- Chittorgarh 312617 (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Ambient Noise Level Monitoring	Date of Sample Collection/Monitoring :	08-02-2022
Point of Collection :	Near Ravana office Murlia Block	Date of Receipt :	22-02-2022
Date of Test/Analysis :	22-02-2022 to 25-02-2022	Sampling Plan :	TTH/NOISE/01
Quantity of Sample :	-	Sample Collected By :	Krashna Murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Noise Level (Day Time ) : Leq [dB(A)]	61.3	IS 9989	75
2	Noise Level (Night Time ) : Leq [dB(A)]	50.3	IS 9989	65

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Puran Mal Yogi

Authorized Signatory

(Report No: TC502522600000251 )

JK Cement Works, Nimbahera

A unit of JK Cement Ltd.

CIN: L17229UP1994PLC017199

Kailash Nagar - 312617, Nimbahera Distt., Chittorgarh (Raj.) INDIA

+91-1477-220098, 220087 jkc.nbh@jkcement.com

www.jkcement.com

NBH/PC/14/C14/

361A

Regd.AD.

Date: 29.11.2021

To,

**The Additional Director (M)**

Indira Pariyavaran Bhawan,

JOR Bagh Road,

Near JOR Bagh Metro station

New Delhi 110003

**Subject: Compliance to Standard Conditions No. (B). I. Statutory compliance (III). (4) of Environmental Clearance of Nimbahera – Ahirpura Limestone Mine by J. K. Cement Works, Nimbahera (Rajasthan) .**

**Ref: - Environmental Clearance letter no. J –11015 /83/2004-IA. II (M) dated. 07<sup>th</sup> July, 2021.**

Dear Sir,

Kindly refer to the above subject matter and referral EC letter, as per the conditions laid down in Standard Conditions No. (B). I. Statutory compliance (III). (4) of Environmental Clearance for submission of water level and water quality report.

Therefore we are submitting herewith **Post-Monsoon (November'2021)** report of **Nimbahera – Ahirpura Limestone Mine** in response to the above subject. This for your kind reference please.

Thanking you,

Yours faithfully

For J.K. Cement Works, Nimbahera



R. B. M. Tripathi

President (O) &amp; Unit Head

Copy to:

1. **The Deputy Director (S)** Environment Division, Integrated Regional Office, MoEF &CC, Govt of India, A-218, Aranya Bhawan, Jhalana Institutional Area, Jaipur-304002
2. **The Member Secretary**, Central Ground Water Authority, Ministry of Water Resources (G.O.I.), 16/11, Jam Nagar House, Mansingh Road NEW DELHI- 110011
3. **The Regional Director**, Central Ground Water Board (Western Region), Jhalana Dungri Institutional Area, Jaipur – 302004 (Rajasthan)

Corporate Office

Padam Tower, 19 DDA Community Centre  
Okhla, Phase - 1, New Delhi - 110020, India

+011-49220000

admin.padamtower@jkcement.com

www.jkcement.com

**JK SUPER  
CEMENT**  
BUILD SAFE**JK CEMENT  
WallMaxX**  
White Cement Wall Putty

Manufacturing Units at :

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)  
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)

Registered Office : Kamla Tower, Kanpur-208001, U.P., India. +91-512-2371478 to 85 +91-512-2399854 www.jkcement.com



## Nimbahera-Ahirpura Limestone Mine

S. No.	Location	Hole No.	Depth of Hole (in Mts.)	Depth of the water column from surface as on 15.11.2021
1.	East of pit near Road	N/PZ1	75.00	16.70 m
2.	North of pit	N/PZ2	75.00	Breakdown
3.	North West of pit near Sharda well	N/PZ3	79.27	20.50 m
4.	West of pit Devi lal field	N/PZ4	76.22	18.50 m





## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/07	Date :	23-11-2021
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Ahirpura Block</b> J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	13-11-2021
Point of Collection	Pit Water - (Surface Water)	Date of Receipt :	15-11-2021
Date of Test/Analysis :	15-11-2021 to 23-11-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	10	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	7.96	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	350	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	116	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	14.58	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Raj





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	623	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	412	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	10	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	41.99	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	1.6	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	100	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.46	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mal Yogi  
Senior Analyst

Rajesh Manishwar  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/07)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/08	Date :	23-11-2021
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Ahirpura Block</b> J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	13-11-2021
Point of Collection	Sharda's Tube Well- (Ground Water)	Date of Receipt :	15-11-2021
Date of Test/Analysis :	15-11-2021 to 23-11-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	7.93	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	220	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	78.4	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	5.83	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Raj



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	435	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	281	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	5	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	51.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	130	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.62	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

*Puran Mal Yogi*  
Senior Analyst

*Rajesh Maneshwar*  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/08)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

**RSPCB**

**ISO 9001:2015**

**OHSAS 18001:2007**

**JDA/UDH**

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/09	Date :	23-11-2021
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Ahirpura Block</b> J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	13-11-2021
Point of Collection	Crusher Tube Well- (Ground Water)	Date of Receipt :	15-11-2021
Date of Test/Analysis :	15-11-2021 to 23-11-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	7.86	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	200	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	72	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	4.86	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Ref





**TEAM TEST HOUSE**  
(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com


**RESULTS**

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	415	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	265	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	6	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	43.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	150	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.68	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

  
Rajesh Maheshwari  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/09)



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

**RSPCB**

**ISO 9001:2015**

**OHSAS 18001:2007**

**JDA/UDH**

Office : E-65, Chitranganj Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/10	Date :	23-11-2021
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Murlia Block</b> C/o J.K Cement Works, Nimbahera Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	13-11-2021
Point of Collection	Pit Water - (Surface Water)	Date of Receipt :	15-11-2021
Date of Test/Analysis :	15-11-2021 to 23-11-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	10	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	8.22	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	300	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	100	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	12.15	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Raj





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	538	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	356	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	12	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	51.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	1.4	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	120	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.43	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Purni Mali Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/10)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/11	Date :	23-11-2021
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Murlia Block</b> C/o J.K Cement Works, Nimbahera Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	13-11-2021
Point of Collection	Hand Pump (Near Hut)- [Ground Water]	Date of Receipt :	15-11-2021
Date of Test/Analysis :	15-11-2021 to 23-11-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	7.92	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	340	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	112	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	14.58	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Ref



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	571	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	376	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	6	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	47.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	180	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.81	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

  
Purni Mal Yogi  
Senior Analyst

  
Rajesh Maheshwari  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/11)





**TEAM TEST HOUSE**  
(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

**TEST REPORT**

Report No./ULR No. :	TTH/SA/JKCW/MLM/12	Date :	23-11-2021
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Murlia Block</b> C/o J.K Cement Works, Nimbahera Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	13-11-2021
Point of Collection	Tube Well (Near Mangrol Chauraha)- [Ground Water]	Date of Receipt :	15-11-2021
Date of Test/Analysis :	15-11-2021 to 23-11-2021	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

**RESULTS**

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	8.16	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	350	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	120	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	12.15	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Ref





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	619	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	390	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	5	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	47.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	170	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.72	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

*P. Ma*  
Purush Mal Yogi  
Senior Analyst

*Raj*  
Rajesh Maheshwar  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/12)

Hydrological data of representative wells of Nimbahera - Ahirpura Limestone Mine (During Post Monsoon, Nov. 2021)

S. No.	Village	Owner	Coordinates		Depth of well (M)	Dia. Of well (M)	Depth of water (during Post-Monsoon) (M)	Type of Aquifer	Mode of Pumping	Yield Cu.M. / Day	Use
			NORTHING	EASTING							
1	Ahirpura	Sh. Gahari Lal	24° 39' 36.9"	74° 40' 42.1"	13.1	5.20	10.85	Limestone	Manual	-	Irrigation
2	Laxmipura	Sh. Ghisu Lal	24° 40' 15.0"	74° 39' 48.6"	15.0	2.30	14.57	Limestone	-	-	Irrigation
3	Fachar	Sh. Chaman Lal	24° 40' 29.3"	74° 39' 30.2"	30.0	3.10	20.20	Shales	Manual	-	Irrigation
4	Murliya	Sh. Punam Chand	24° 41' 11.3"	74° 38' 51.1"	15.0	3.00	9.14	Limestone	Manual	-	Irrigation
5	Ravliya	Sh. Moti Gurjar	24° 43' 03.7"	74° 38' 34.4"	12.0	3.00	6.10	Limestone	DE	180	Irrigation
6	Bhaviya	Sh. Devi Lal	24° 42' 47.1"	74° 38' 54.9"	13.0	5.52	6.44	Limestone	DE	180	Irrigation
7	Mangrol	Sh. Malaji Gayari	24° 41' 43.4"	74° 39' 04.7"	12.2	3.08	7.08	Limestone	DE	160	Irrigation
8	Triakhara	Sh. Kalish Singh	24° 42' 41.1"	74° 42' 01.1"	14.2	2.84	8.58	Limestone	EM	200	Irrigation
9	Unkriya	Sh. Bheru Lal	24° 43' 53.4"	74° 40' 42.1"	18.0	3.32	9.39	Limestone	EM	180	Irrigation
10	Facher Solanki	Sh. Bhagwat Singh	24° 45' 32.2"	74° 40' 55.0"	12.0	3.71	10.73	Limestone	-	-	Irrigation
11	Mayra	Sh. Ramchandra	24° 46' 10.7"	74° 40' 35.8"	12.4	2.82	6.78	Limestone	-	-	Irrigation
12	Banniya	Sh. Unkar Gurjar	24° 45' 59.4"	74° 39' 41.3"	15.0	3.00	10.48	Limestone	EM	180	Irrigation
13	Tai Khara	Sh. Bheru Lal	24° 43' 40.9"	74° 41' 49.9"	22.0	2.46	10.93	Limestone	EM	160	Irrigation
14	Motha	Sh. Jaganath	24° 41' 54.8"	74° 42' 28.1"	13.5	5.22	10.48	Limestone	-	-	Irrigation
15	Arniya Joshi	Sh. Nathu Lal Charan	24° 42' 23.8"	74° 42' 32.3"	15.0	3.20	5.79	Limestone	DE	180	Irrigation
16	Tai	Sh. Prabhu Lal	24° 43' 56.9"	74° 43' 11.3"	15.0	2.52	5.77	Limestone	DE	160	Irrigation
17	Mohamadpura	Sh. Keshar Singh	24° 44' 16.5"	74° 43' 28.4"	15.2	5.24	5.35	Limestone	Manual	-	Irrigation
18	Sarthal	Bhaija Ba	24° 44' 53.2"	74° 43' 18.1"	12.2	2.62	4.83	Limestone	Manual	-	Irrigation
19	Kiparam Kheri	Sh. Nana Lal Jetpal	24° 43' 01.3"	74° 43' 39.6"	15.8	3.06	6.14	Limestone	DE	180	Irrigation
20	Charliya	Tara Chand	24° 42' 24.4"	74° 46' 11.4"	20.0	3.30	9.75	Limestone	EM	200	Irrigation
21	Arnoda	Sh. Bholi Ram	24° 42' 19.4"	74° 44' 47.7"	18.0	3.20	10.45	Shales	DE	180	Irrigation
22	Shahbad	Sh. Champa Lal	24° 41' 26.4"	74° 41' 42.0"	22.0	3.02	17.90	Limestone	-	-	Irrigation
23	Sankhlon Ka Khara	Sh. Ram Chandra Jat	24° 40' 40.7"	74° 41' 47.1"	25.0	2.80	21.53	Limestone	-	-	Irrigation
24	Badoli Ghata	Sh. Chatarhuj	24° 40' 04.8"	74° 42' 10.3"	20.0	3.82	14.69	Limestone	Manual	-	Irrigation
25	Karthana	Sh. Uma Shanker	24° 39' 13.8"	74° 42' 00.5"	15.0	5.12	12.18	Limestone	-	-	Irrigation
26	Nimbahera	Sh. Badri Lal	24° 37' 57.1"	74° 41' 40.3"	19.0	4.15	12.30	Limestone	EM	-	Irrigation
27	Kalyanpura	Sh. Nanu Ramji	24° 36' 42.0"	74° 42' 54.5"	25.2	4.92	12.66	Limestone	EM	60	Irrigation
28	Gadola	Sh. Ganeshlal	24° 37' 34.0"	74° 44' 14.2"	25.0	5.60	12.42	Limestone	Manual	-	Irrigation
29	Borekheri	Sh. Mohanlal	24° 38' 34.1"	74° 44' 03.2"	20.0	3.95	11.07	Limestone	EM	180	Irrigation
30	Rattajana	Sh. Megh Raj	24° 38' 48.2"	74° 45' 22.1"	25.2	3.72	13.18	Shales	Manual	-	Irrigation



NBH/PC/14/C14/

Regd.AD.

Date: 25.01.2022

To,

**The Additional Director (M)**

Indira Paryavaran Bhawan,  
JOR Bagh Road,  
Near JOR Bagh Metro station  
New Delhi 110003

**Subject: Compliance to Standard Conditions No. (B). I. Statutory compliance (III). (4) of Environmental Clearance of Nimbahera – Ahirpura Limestone Mine by J. K. Cement Works, Nimbahera (Rajasthan).**

**Ref:** - Environmental Clearance letter no. J-11015 /83/2004-IA. II (M) dated. 07<sup>th</sup> July, 2021.

Dear Sir,

Kindly refer to the above subject matter and referral EC letter, as per the conditions laid down in Standard Conditions No. (B). I. Statutory compliance (III). (4) of Environmental Clearance for submission of water level and water quality report.

Therefore, we are submitting herewith **Winter (January'2022)** report of **Nimbahera – Ahirpura Limestone Mine** in response to the above subject. This for your kind reference please.

Thanking you,

Yours faithfully

For J.K. Cement Works, Nimbahera



R. B. M. Tripathi  
President (Operations)

Copy to:

1. **The Deputy Director (S)** Environment Division, Integrated Regional Office, MoEF & CC, Govt of India, A-218, Aranya Bhawan, Jhalana Institutional Area, Jaipur-304002
2. **The Member Secretary**, Central Ground Water Authority, Ministry of Water Resources (G.O.I.), 16/11, Jam Nagar House, Mansingh Road NEW DELHI- 110011
3. **The Regional Director**, Central Ground Water Board (Western Region), Jhalana Dungri Institutional Area, Jaipur – 302004 (Rajasthan)

**Corporate Office**

Padam Tower, 19 DDA Community Centre  
Okhla, Phase - 1, New Delhi - 110020, India  
+011-49220000  
admin.padamtower@jkcement.com  
www.jkcement.com

**JK SUPER  
CEMENT**  
BUILD SAFE

Manufacturing Units at:

Nimbahera, Mangrol, Gotan (Rajasthan) | Muddapur (Karnataka)  
Jharli (Haryana) | Katni (M.P.) | Aligarh (U.P.) | Balasinor (Gujarat)

**JK CEMENT  
WallMaxX**  
White Cement Wall Putty



Registered Office : Kamla Tower, Kanpur-208001, U.P., India. +91-512-2371478 to 85 +91-512-2399854 www.jkcement.com





### Nimbahera-Ahirpura Limestone Mine

S. No.	Location	Hole No.	Depth of Hole (in Mts.)	Depth of the water column from surface as on 15.01.2022
1.	East of pit near Road	N/PZ1	75.00	Not in operation
2.	North of pit	N/PZ2	75.00	33.6 m
3.	North West of pit near Sharda well	N/PZ3	79.27	27.2 m
4.	West of pit Devi lal field	N/PZ4	76.22	23.3 m
5.	East of pit near Thermal gate	N/PZ5	75.0	9.78
6.	Murlia Block near Weigh	N/PZ6	75.0	29.1 m



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/111	Date :	15-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Ahirpura Block</b> J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	10-01-2022
Point of Collection	Pit Water - (Surface Water)	Date of Receipt :	11-01-2022
Date of Test/Analysis :	11-01-2022 to 15-01-2022	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	10	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	8.16	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	320	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	120	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	4.86	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

*Raj*



**TEAM TEST HOUSE**  
(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

**RESULTS**

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	558	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	352	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	15	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	41.99	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	1.1	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	100	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.29	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

*Puran*  
**Puran Mal Yogi**  
Senior Analyst

*Rajesh*  
**Rajesh Maheshwan**  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/111)





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : [www.teamtesthouse.com](http://www.teamtesthouse.com)  
Email : [team.bdhead@gmail.com](mailto:team.bdhead@gmail.com)

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : [director@teamtesthouse.com](mailto:director@teamtesthouse.com),  
Email : [marketinglab@teamtesthouse.com](mailto:marketinglab@teamtesthouse.com)

## TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/112	Date :	15-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Ahirpura Block</b> J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	10-01-2022
Point of Collection	Sharda's Tube Well- (Ground Water)	Date of Receipt :	11-01-2022
Date of Test/Analysis :	11-01-2022 to 15-01-2022	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	7.99	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	250	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	84	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	9.72	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

*Pay*



## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	474	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	308	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	6	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	61.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	160	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.79	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

#### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mai Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/112)



## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/113	Date :	15-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Ahirpura Block</b> J.K Cement ,Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	10-01-2022
Point of Collection	Crusher Tube Well- (Ground Water)	Date of Receipt :	11-01-2022
Date of Test/Analysis :	11-01-2022 to 15-01-2022	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	7.99	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	260	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	88	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	9.72	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Page 2





## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	470	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	295	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	5	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	63.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	150	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.81	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

#### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mal Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/113)



## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranjan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/114	Date :	15-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Murlia Block</b> C/o J.K Cement Works, Nimbahera Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	10-01-2022
Point of Collection	Pit Water - (Surface Water)	Date of Receipt :	11-01-2022
Date of Test/Analysis :	11-01-2022 to 15-01-2022	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	10	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	8.31	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	250	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	84	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	9.72	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Rayin



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	534	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	336	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	18	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	57.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	1.76	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	120	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.45	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mal Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/114)





## TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

### TEST REPORT

Report No./ULR No. :	TTH/SA/JKCW/MLM/115	Date :	15-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Murlia Block</b> C/o J.K Cement Works, Nimbahera Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	10-01-2022
Point of Collection	Hand Pump (Near Hut)- [Ground Water]	Date of Receipt :	11-01-2022
Date of Test/Analysis :	11-01-2022 to 15-01-2022	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

### RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	8.12	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	350	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	120	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	12.15	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

Rajin



# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	651	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	415	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	5	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	67.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	180	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.88	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mal Yogi  
Senior Analyst

Rajesh Maheshwan  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/115)



**TEAM TEST HOUSE**  
(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

**TEST REPORT**

Report No./ULR No. :	TTH/SA/JKCW/MLM/116	Date :	15-01-2022
Issued To :	M/S Nimbahera- Ahirpura Limestone Mine (ML - 2/97) , <b>Murlia Block</b> C/o J.K Cement Works, Nimbahera Tehsil- Nimbahera, District-Chittorgarh -312617 (Rajasthan)	Type of Unit :	Mines
Type of Sample :	Potable and Domestic Water	Date of Sample Collection/Monitoring	10-01-2022
Point of Collection	Tube Well (Near Mangrol Chauraha)- [Ground Water]	Date of Receipt :	11-01-2022
Date of Test/Analysis :	11-01-2022 to 15-01-2022	Sampling Plan :	IS 3025:1987(Part 1)RA 2014
Quantity of Sample :	2 Ltr.	Sample CollectedBy :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

**RESULTS**

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
1	Color [Hazen]	Less than 5	IS 3025 (Part 4) : 1983 RA 2017	5.00	15.00
2	Odour	Agreeable	IS 3025 (Part 5) : 2018	Agreeable	-
3	pH	8.15	IS 3025 (Part 11) : 1983 RA 2017	6.50 - 8.50	-
4	Hardness (total) [mg/l]	410	IS 3025 (Part 21) : 2009 RA 2019	200.00	600.00
5	Calcium [mg/l]	136	IS 3025 (Part 40) : 1991 RA 2019	75	200
6	Magnesium [mg/l]	17.01	IS 3025 (Part 46) : 1994 RA 2019	30	100

Note:

Continue to next page...

*Bayin*





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015

OHSAS 18001:2007

JDA/UDH

Office : E-65, Chitranganj Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : [www.teamtesthouse.com](http://www.teamtesthouse.com)  
Email : [team.bdhead@gmail.com](mailto:team.bdhead@gmail.com)

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : [director@teamtesthouse.com](mailto:director@teamtesthouse.com),  
Email : [marketinglab@teamtesthouse.com](mailto:marketinglab@teamtesthouse.com)

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Requirement (Acceptable Limit) as per IS 10500 : 2012 (RA 2018) Max.	Standard Permissible limits in the absence of Alternate Sources as per IS 10500 : 2012
7	Conductivity [micromho/cm]	765	APHA 2017 : 2510-B	-	-
8	Total Dissolved Solids [mg/l]	498	IS 3025 (Part 16) : 1984 RA 2017	500.00	2000.00
9	Suspended Solids [mg/l]	6	IS 3025 (Part 17) : 1984 RA 2017	-	-
10	Chloride [mg/l]	59.98	IS 3025 (Part 32) : 1988 RA 2019	250.00	1000.00
11	Turbidity [NTU]	BDL (<0.1)	IS 3025 (Part 10) : 1984 RA 2017	1.00	5.00
12	M - Alkalinity [mg/l]	170	None	-	-
13	Iron [mg/l]	BDL (<0.01)	IS 3025 (Part 53) : 2003 RA 2019	0.3	-
14	Fluoride [mg/l]	0.82	IS 3025 (Part 60) : 2008 RA 2019	1.00	1.50
15	Oil and Grease [mg/l]	Less than 1	IS 3025 (Part 39) : 1991 RA 2019	-	-

Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Puran Mal Yogi  
Senior Analyst

Rajesh Maheshwari  
Authorized Signatory  
(Report No: TTH/SA/JKCW/MLM/116)

Hydrological data of representative wells of J.K. Cement Limestone Mine, Nimbahera (During Winter, Jan. 2022)

S. No.	Village	Owner	Coordinates		Depth of well (M)	Dia. Of well (M)	Depth of water During Winter (M)	Type of Aquifer	Mode of Pumping	Yield Cu.M. / Day	Use
			NORTHING	EASTING							
1	Ahirpura	Sh. Gahari Lal	24°39' 36.9"	74°40' 42.1"	13.1	5.20	12.86	Limestone	Manual	-	Irrigation
2	Laxmipura	Sh. Ghisu Lal	24°40' 15.0"	74°39' 48.6"	15.0	2.30	14.80	Limestone	-	-	Irrigation
3	Fachar	Sh. Chaman Lal	24°40' 29.3"	74°39' 30.2"	30.0	3.10	27.33	Shales	Manual	-	Irrigation
4	Murliya	Sh. Punam Chand	24°41' 11.3"	74°38' 51.1"	15.0	3.00	13.14	Limestone	Manual	-	Irrigation
5	Ravliya	Sh. Moti Gurjar	24°43' 03.7"	74°38' 34.4"	12.0	3.00	10.41	Limestone	DE	180	Irrigation
6	Bhavliya	Sh. Devil Lal	24°42' 47.1"	74°38' 54.9"	13.0	5.52	9.25	Limestone	DE	180	Irrigation
7	Mangrol	Sh. Malaji Gayari	24°41' 43.4"	74°39' 04.7"	12.2	3.08	11.32	Limestone	DE	160	Irrigation
8	Tilakhera	Sh. Kailash Singh	24°42' 41.1"	74°42' 01.1"	14.2	2.84	12.66	Limestone	EM	200	Irrigation
9	Unkhiya	Sh. Bheru Lal	24°43' 53.4"	74°40' 42.1"	18.0	3.32	16.11	Limestone	EM	180	Irrigation
10	Facher Solanki	Sh. Bhagwat Singh	24°45' 32.2"	74°40' 55.0"	12.0	3.71	11.92	Limestone	-	-	Irrigation
11	Mayra	Sh. Ramchandra	24°46' 10.7"	74°40' 35.8"	12.4	2.82	10.37	Limestone	-	-	Irrigation
12	Bamniya	Sh. Unkar Gurjar	24°45' 59.4"	74°39' 41.3"	15.0	3.00	13.05	Limestone	EM	180	Irrigation
13	Tai Khara	Sh. Bheru Lal	24°43' 40.9"	74°41' 49.9"	22.0	2.46	18.76	Limestone	EM	160	Irrigation
14	Motha	Sh. Jaganath	24°41' 54.8"	74°42' 28.1"	13.5	5.22	12.69	Limestone	-	-	Irrigation
15	Arniya Joshi	Sh. Nathu Lal Charan	24°42' 23.8"	74°42' 32.3"	15.0	3.20	11.73	Limestone	DE	180	Irrigation
16	Tai	Sh. Prabhu Lal	24°43' 56.9"	74°43' 11.3"	15.0	2.52	12.31	Limestone	DE	160	Irrigation
17	Mohamadpura	Sh. Keshar Singh	24°44' 16.5"	74°43' 28.4"	15.2	5.24	12.40	Limestone	Manual	-	Irrigation
18	Sarthal	Bhaji Ba	24°44' 53.2"	74°43' 18.1"	12.2	2.62	10.41	Limestone	Manual	-	Irrigation
19	Kriparam Ki	Sh. Nana Lal Jetpal	24°43' 01.3"	74°43' 39.6"	15.8	3.06	12.72	Limestone	DE	180	Irrigation
20	Charliya	Tara Chand	24°42' 24.4"	74°46' 11.4"	20.0	3.30	16.84	Limestone	EM	200	Irrigation
21	Arnoda	Sh. Bhoil Ram	24°42' 19.4"	74°44' 47.7"	18.0	3.20	15.86	Shales	DE	180	Irrigation
22	Shahbad	Sh. Champa Lal	24°41' 26.4"	74°41' 42.0"	22.0	3.02	20.89	Limestone	-	-	Irrigation
23	Sankhlon Ka Khara	Sh. Ram Chandra Jat	24°40' 40.7"	74°41' 47.1"	25.0	2.80	22.87	Limestone	-	-	Irrigation
24	Badoli Ghata	Sh. Chatarbhuji	24°40' 04.8"	74°42' 10.3"	20.0	3.82	18.63	Limestone	Manual	-	Irrigation
25	Karthana	Sh. Uma Shanker	24°39' 13.8"	74°42' 00.5"	15.0	5.12	12.40	Limestone	-	-	Irrigation
26	Nimbahera	Sh. Badri Lal	24°37' 57.1"	74°41' 40.3"	19.0	4.15	17.00	Limestone	EM	-	Irrigation
27	Kalyanpura	Sh. Nannu Ramji	24°36' 42.0"	74°42' 54.5"	25.2	4.92	21.55	Limestone	EM	60	Irrigation
28	Gadola	Sh. Ganeshlal	24°37' 34.0"	74°44' 14.2"	25.0	5.60	21.50	Limestone	Manual	-	Irrigation
29	Borekheri	Sh. Mohanlal	24°38' 34.1"	74°44' 03.2"	20.0	3.95	17.31	Limestone	EM	180	Irrigation
30	Rathajana	Sh. Megh Raj	24°38' 48.2"	74°45' 22.1"	25.2	3.72	21.37	Shales	Manual	-	Irrigation





# TEAM TEST HOUSE

(Unit of Team Institute of Science & Technology Pvt. Ltd.)

Annexure-07



Approved by Ministry of Environment and Forest, Government of India as Environmental Laboratory

RSPCB

ISO 9001:2015,

ISO 14001:2015,

ISO 45001:2018 (OH&S)

JDA/UDH

Office : E-65, Chitrangan Marg,  
C-Scheme, Jaipur - 302001, Rajasthan  
Phone : +91 6377210064, 9414077379,  
Website : www.teamtesthouse.com  
Email : team.bdhead@gmail.com

Laboratory : G1-584, RIICO Industrial Area,  
Sitapura, Jaipur - 302022, Rajasthan  
Phone : +91 9460222039, 9460222049,  
Email : director@teamtesthouse.com,  
Email : marketinglab@teamtesthouse.com

## TEST REPORT

Report No./ULR No. :	TC502522200000365	Date :	02-03-2022
Issued To :	M/S J.K. Cement Works, Nimbahera Tehsil - Nimbahera, Dist.- Chittorgarh (Rajasthan),	Type of Unit :	Mines
Type of Sample :	Wastewater Sample	Date of Sample Collection/Monitoring :	07-02-2022
Point of Collection :	Ahirpura Mine Workshop Water	Date of Receipt :	23-02-2022
Date of Test/Analysis :	23-02-2022 to 28-02-2022	Sampling Plan :	APHA 2017 : 1060
Quantity of Sample :	2 Ltr.	Sample Collected By :	kishan murari
Unit's representative :	Mr Sunil Singh	Condition of Sample :	Fit for testing

## RESULTS

S.No	Parameters	Observed Value	Testing Protocol	Limits as per Environment protection rules, 1986
1	Total Suspended Solids [mg/l]	26	APHA.2017:2540-D	100
2	Biochemical Oxygen Demand (BOD) [mg/l]	9.67	APHA 2017:5210-B	30
3	Chloride as Cl [mg/l]	107.63	APHA 2017 : 4500- Cl- B	-
4	Chemical Oxygen Demand (COD) [mg/l]	95.04	APHA:2017 : 5220-C	250
5	pH	7.46	APHA:2017 : 4500 H+B	5.5 - 9.0
6	Sulphate [mg/l]	68.85	APHA:2017 : 4500-SO4-E	-
7	Chromium Total [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	2.0
8	Copper [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	3.0
9	Iron [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	3.0
10	Zinc [mg/l]	BDL(<0.01)	APHA :2017 :3111- B	5.0
11	Oil & Grease [mg/l]	4	APHA 2017 : 5520 B	10
12	Total residual chlorine [mg/l]	BDL (<0.1)	APHA 2017 : 4500- Cl- B	0.5
13	Phosphate (total) [mg/l]	BDL (<0.1)	APHA 2017 : 4500-P C	5

### Notes :-

- # The results listed refer only to the tested sample (s) & parameters (s). Endorsement of products is neither inferred nor implied.
- # This report is not to be reproduced wholly or in part and can not be used 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 report unless otherwise specified.

Senior Analyst

Authorized Signatory  
(Report No: TC502522200000365)



# राष्ट्रीय उत्पादकता परिषद्

(वाणिज्य एवं उद्योग मंत्रालय, भारत सरकार के अन्तर्गत)  
उत्पादकता भवन 5-6, इन्स्टीट्यूशनल एरिया,  
लोदी रोड, नई दिल्ली-110 003



NATIONAL PRODUCTIVITY COUNCIL

## NATIONAL PRODUCTIVITY COUNCIL

(Under Ministry of Commerce & Industry, Govt. of India)

Utpadakta Bhavan, 5-6, Institutional Area,  
Lodi Road, New Delhi - 110 003

21<sup>th</sup> March, 2022

No.80704/EMGroup/JK-Nimbahera/01

To,

M/S J.K. Cement Works- Nimbahera  
Kailash Nagar , Nimbahera  
Dist: Chittorgarh,  
Rajasthan-312617

Subject:-Final Report submission for "Water Audit in Compliance of CGWA requirement for NOC Renewal to M/S J.K. Cement Works- Nimbahera, Chittorgarh, Rajasthan"—reg.

Dear Sir,

This is with reference to, "Water Audit in Compliance of CGWA requirement for NOC Renewal to M/S J.K. Cement Works- Nimbahera, Chittorgarh, Rajasthan" Final Water Audit report of the said work has been submitted.

Hope you find same in order.

Thanking You,

Yours faithfully

K.D. Bharadwaj

Group Head-Energy Management

NPC, HQ, Delhi



Date/Time Long at 13:05:27 February 5, 2022

Trigger Source Geo: 0.930 mm/s

Range Geo: 31.7 mm/s

Record Time 2.0 sec at 1024 sps

### Notes

Location: JK CEMENT LIME STONE MINES NIMBAHERA

Client: J K CEMENT WORKS

User Name: L.N.TAILOR

General:

Serial Number BE18244 V 10.72-1.1 Minimate Blaster

Battery Level 5.9 Volts

Unit Calibration February 13, 2021 by UES New Delhi

File Name T244JCZR.130

### Post Event Notes

JK CEMENT LIME STONE MINES (MURLIA BLOCK) NIMBAHERA

1 st. S/M((s-pit) DIRECTION OF BLAST SW BID=0-154/21

NO. OF HOLES = 05 & MAX. CHARGE PER DELAY=20.0 KG.

DISTANCE FROM INSTRUMENT = 150 MTR BACK SIDE BLAST

### Extended Notes

Microphone Linear Weighting

PSPL <88 dB(L) at 0.007 sec

ZC Freq N/A

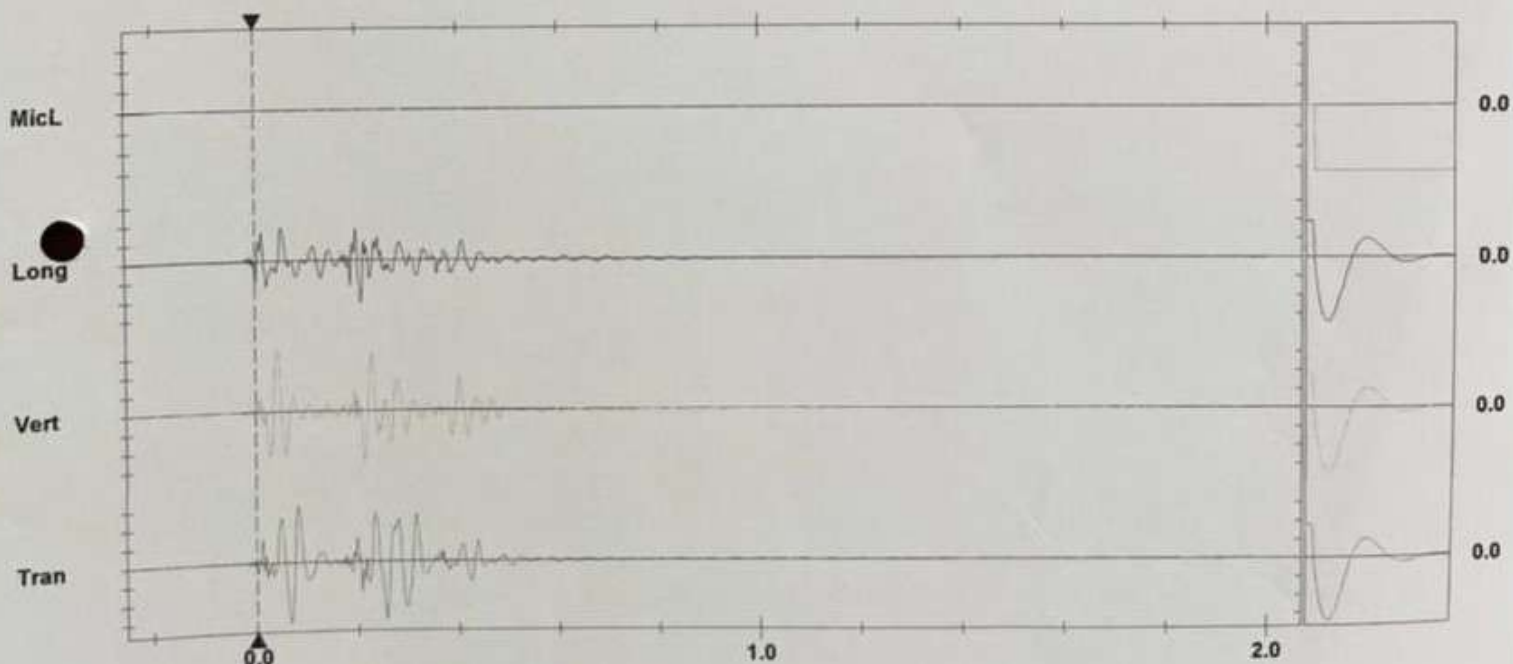
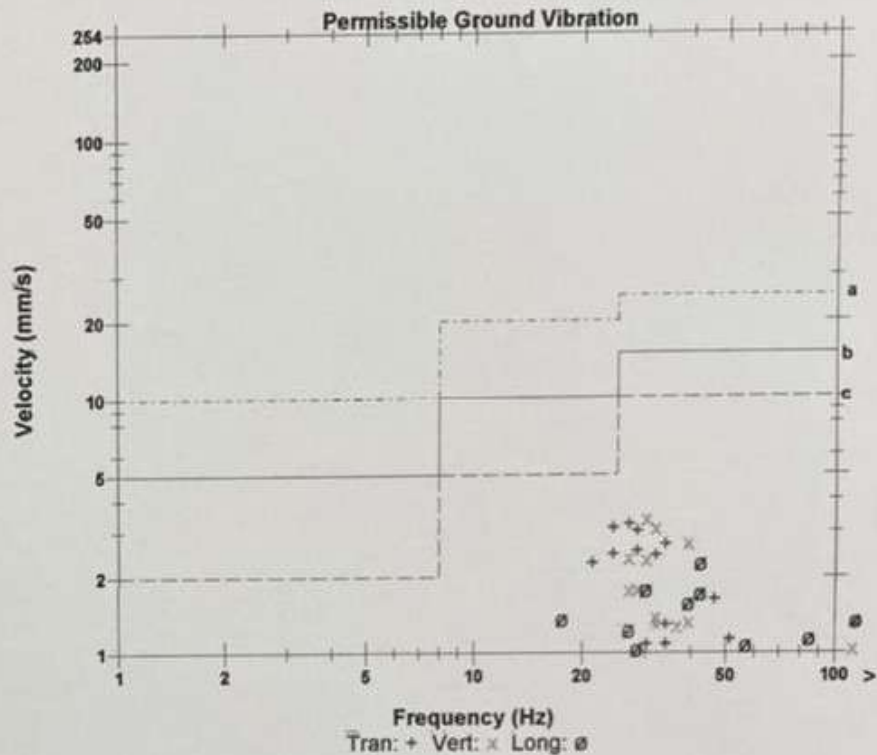
Channel Test Check (Freq = 0.0 Hz Amp = 0 mv)

	Tran	Vert	Long	
PPV	3.22	3.37	2.24	mm/s
PPV	61.2	61.5	58.0	dB
ZC Freq	27	30	43	Hz
Time (Rel. to Trig)	0.066	0.044	0.209	sec
Peak Acceleration	0.0878	0.0845	0.111	g
Peak Displacement	0.0187	0.0181	0.00829	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.8	7.8	7.9	Hz
Overswing Ratio	3.5	3.4	3.6	

Peak Vector Sum 3.89 mm/s at 0.045 sec

N/A: Not Applicable

### DGMS India (A)



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 1.000 mm/s/div Mic: 10.00 pa.(L)/div  
Trigger =

Sensor Check



Date/Time Vert at 14:06:09 October 5, 2021  
 Trigger Source Geo: 0.930 mm/s  
 Range Geo: 31.7 mm/s  
 Record Time 2.0 sec at 1024 sps

Notes  
 Location: JK CEMENT LIME STONE MINES NIMBAHERA  
 Client: J K CEMENT WORKS  
 User Name: L.N.TAILOR  
 General:

Serial Number BE18244 V 10.72-1.1 Minimate Blaster  
 Battery Level 5.9 Volts  
 Unit Calibration February 13, 2021 by UES New Delhi  
 File Name T244J6O1.U90  
 Post Event Notes  
 JK CEMENT LIME STONE MINES (MURLIA BLOCK) NIMBAHERA  
 II ND S/M (s-pit) DIRECTION OF BLAST S-N BID=0-70/21 two  
 NO. OF HOLES = 10 & MAX. CHARGE PER DELAY=15.77KG.  
 DISTANCE FROM INSTRUMENT =200 MTR(VILLEG ROAD )

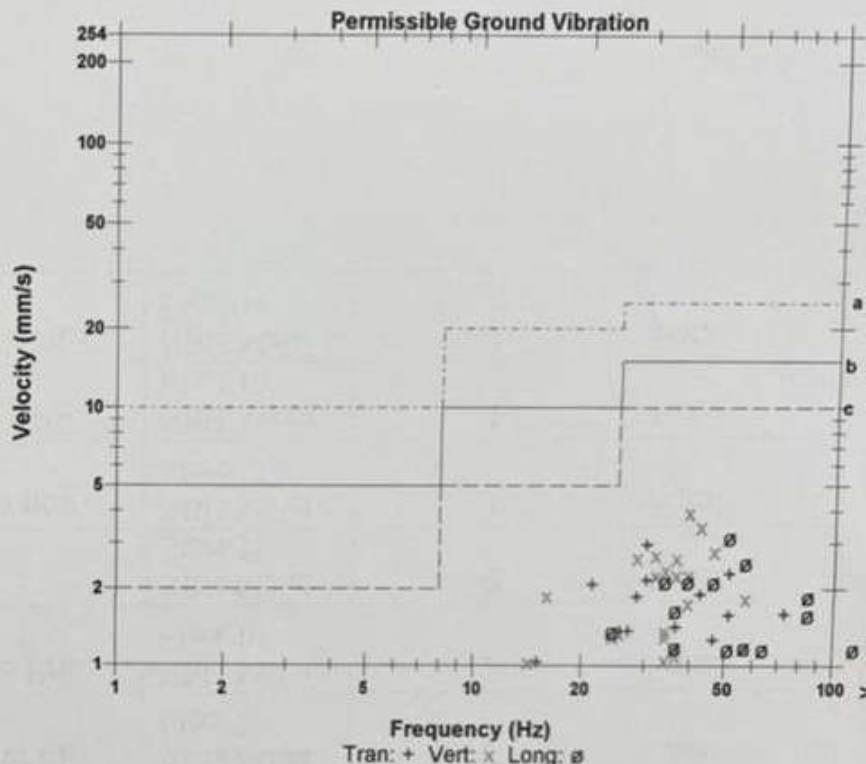
## Extended Notes

Microphone Linear Weighting  
 PSPL 120.0 dB(L) at 0.080 sec  
 ZC Freq N/A  
 Channel Test Check (Freq = 0.0 Hz Amp = 0 mv)

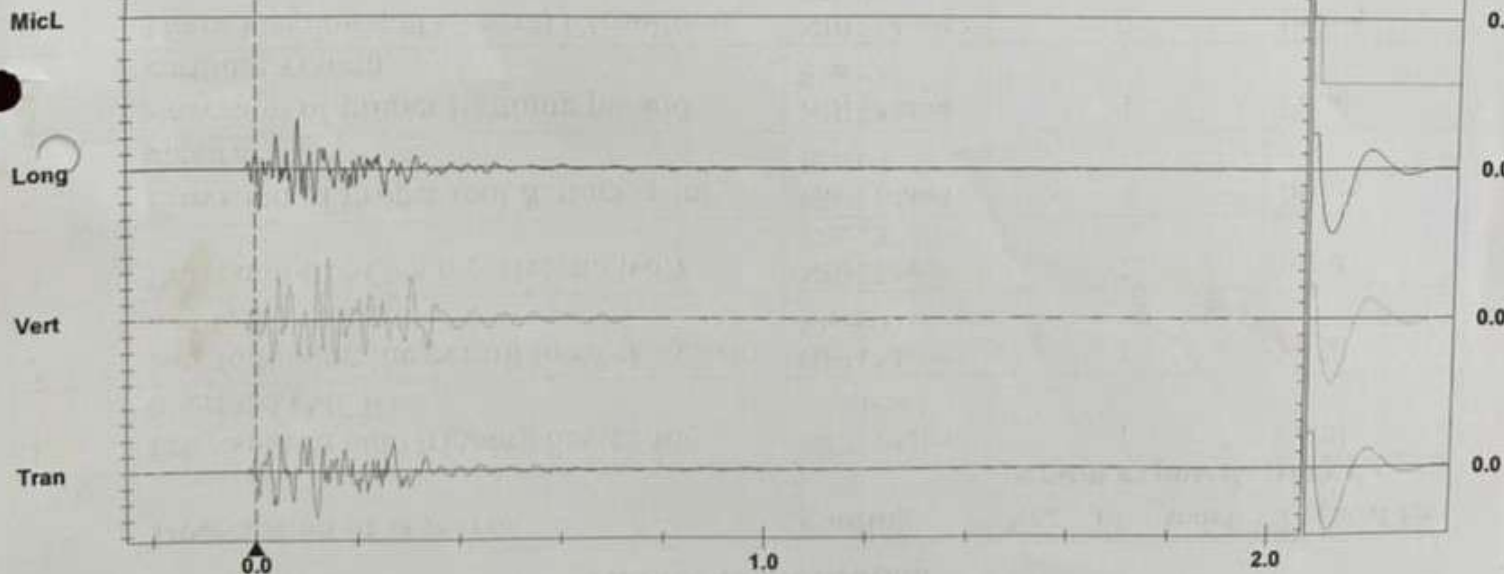
	Tran	Vert	Long	
PPV	2.95	3.95	3.16	mm/s
PPV	60.4	62.9	61.0	dB
ZC Freq	30	39	51	Hz
Time (Rel. to Trig)	0.120	0.143	0.082	sec
Peak Acceleration	0.0862	0.104	0.0994	g
Peak Displacement	0.0157	0.0146	0.00852	mm
Sensor Check	Passed	Passed	Passed	
Frequency	7.6	7.7	7.8	Hz
Overswing Ratio	3.5	3.3	3.5	

Peak Vector Sum 4.44 mm/s at 0.122 sec  
 N/A: Not Applicable

## DGMS India (A)



- a) Industrial Buildings
- b) Domestic houses/structures
- c) Historic objects, sensitive structures



Time Scale: 0.20 sec/div Amplitude Scale: Geo: 1.000 mm/s/div Mic: 10.00 pa.(L)/div  
 Trigger =

Sensor Check



Pucc No :	D1007RJ03102637
Vehicle No :	RJ09GC0328
Customer Name :	ANJUM EXTRACTION PVT.LTD
Customer Mobile :	8890177878
Year of Regn :	01-05-2017
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	LAYLAND
Test Date :	03-12-2021
Time :	03:27:36 PM
Valid UpTo :	02-06-2022
Center Name :	Raja Ram Mobile Puc Van,9462673707,(RJ07-GA-7627)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

**Flushing Cycle**

Avg	RPM Min	RPM Max	Temp
610		1928	0

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	654	2022	0.539	20.7	000.0
2	654	1948	0.447	17.5	000.0
3	654	2030	0.499	19.3	000.0
Mean			0.495	19.2	

**VALID IN ALL INDIA**

Photo of Vehicle



Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station

Testing Station Code

Authorised Signatory

D1007RJ03

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09GC0328  
PUC No. : D1007RJ03102637  
Valid up to : **02-06-2022**  
Scan QR Code to Validate



Veh Reg No : RJ09GC0328  
PUC No. : D1007RJ03102637  
Valid up to : **02-06-2022**  
Scan QR Code to Validate

Pucc No :	D1007RJ03102668
Vehicle No :	RJ09GC1128
Customer Name :	ANJUM EXTRACTION PVT.LTD
Customer Mobile :	8890177878
Year of Regn :	01-05-2018
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	LAYLAND
Test Date :	04-12-2021
Time :	04:46:14 PM
Valid UpTo :	03-06-2022
Center Name :	Raja Ram Mobile Puc Van,9462673707,(RJ07-GA-7627)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

#### Flushing Cycle

Avg	RPM Min	RPM Max	Temp
683		1817	0

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	724	1866	0.563	21.5	000.0
2	724	1889	0.593	22.5	000.0
3	724	1853	0.596	22.6	000.0
Mean			0.584	22.2	

#### VALID IN ALL INDIA

Photo of Vehicle



Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station	Testing Station Code D1007RJ03	Authorised Signatory
-------------------------	-----------------------------------	----------------------

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09GC1128  
PUC No. : D1007RJ03102668  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



Veh Reg No : RJ09GC1128  
PUC No. : D1007RJ03102668  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



Pucc No :	D1007RJ03102665
Vehicle No :	RJ09GC1228
Customer Name :	ANJUM EXTRACTION PVT.LTD
Customer Mobile :	8890177878
Year of Regn :	01-05-2018
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	LAYLAND
Test Date :	04-12-2021
Time :	04:27:00 PM
Valid UpTo :	03-06-2022
Center Name :	Raja Ram Mobile Puc Van,9462673707,(RJ07-GA-7627)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

#### Flushing Cycle

Avg	RPM Min	RPM Max	Temp
688		1934	0

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	734	1862	0.536	20.6	000.0
2	734	1903	0.584	22.2	000.0
3	734	1869	0.439	17.2	000.0
Mean			0.520	20.0	

#### VALID IN ALL INDIA

Photo of Vehicle



Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station	Testing Station Code D1007RJ03	Authorised Signatory
-------------------------	-----------------------------------	----------------------

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09GC1228  
PUC No. : D1007RJ03102665  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



Veh Reg No : RJ09GC1228  
PUC No. : D1007RJ03102665  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



Pucc No :	D1007RJ03102699
Vehicle No :	RJ09GC1328
Customer Name :	ANJUM EXTRACTION PVT.LTD
Customer Mobile :	8890177878
Year of Regn :	01-05-2018
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	37181L
Test Date :	07-12-2021
Time :	01:29:40 PM
Valid UpTo :	06-06-2022
Center Name :	Raja Ram Mobile Puc Van,9462673707,(RJ07-GA-7627)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

#### Flushing Cycle

Avg	RPM Min	RPM Max	Temp
661		1910	0

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	625	1902	0.599	22.7	000.0
2	625	1879	0.536	20.6	000.0
3	625	1948	0.572	21.8	000.0
Mean			0.569	21.7	

#### VALID IN ALL INDIA

Photo of Vehicle



Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station	Testing Station Code D1007RJ03	Authorised Signatory
-------------------------	-----------------------------------	----------------------

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09GC1328  
PUC No. : D1007RJ03102699  
Valid up to : **06-06-2022**  
Scan QR Code to Validate



Veh Reg No : RJ09GC1328  
PUC No. : D1007RJ03102699  
Valid up to : **06-06-2022**  
Scan QR Code to Validate

Pucc No :	D1007RJ03102651
Vehicle No :	RJ09GC1428
Customer Name :	ANJUM EXTRACTION PVT.LTD
Customer Mobile :	8890177878
Year of Regn :	01-05-2018
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	LAYLAND
Test Date :	04-12-2021
Time :	11:40:44 AM
Valid UpTo :	03-06-2022
Center Name :	Raja Ram Mobile Puc Van,9462673707,(RJ07-GA-7627)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

#### Flushing Cycle

Avg	RPM Min	RPM Max	Temp
673	1912	0	

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	627	1925	0.572	21.8	000.0
2	627	1963	0.654	24.5	000.0
3	627	1912	0.587	22.3	000.0
Mean			0.604	22.9	

#### VALID IN ALL INDIA

Photo of Vehicle



Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station	Testing Station Code D1007RJ03	Authorised Signatory
-------------------------	-----------------------------------	----------------------

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09GC1428  
PUC No. : D1007RJ03102651  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



Veh Reg No : RJ09GC1428  
PUC No. : D1007RJ03102651  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



Vehicle No :	D1007RJ03102646
Vehicle No :	RJ09GC2328
Customer Name :	ANJUM EXTRACTION PVT.LTD
Customer Mobile :	8890177878
Year of Regn :	02-05-2018
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	LAYLAND
Test Date :	04-12-2021
Time :	10:47:59 AM
Valid Up To :	03-06-2022
Center Name :	Raja Ram Mobile Puc Van,9462673707,(RJ07-GA-7627)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

## Flushing Cycle

Avg	RPM Min	RPM Max	Temp
674		1824	0

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	717	1837	0.599	22.7	000.0
2	717	1807	0.644	24.2	000.0
3	717	1893	0.554	21.2	000.0
Mean			0.599	22.7	

## VALID IN ALL INDIA

Photo of Vehicle



Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station	Testing Station Code D1007RJ03	Authorised Signatory
-------------------------	-----------------------------------	----------------------

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09GC2328  
PUC No. : D1007RJ03102646  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



Veh Reg No : RJ09GC2328  
PUC No. : D1007RJ03102646  
Valid up to : **03-06-2022**  
Scan QR Code to Validate



PUC No :	D1007RJ03102746
Vehicle No :	RJ09GC2528
Customer Name :	ANJUM EXTRACTION PVT.LTD
Customer Mobile :	8890177878
Year of Regn :	02-05-2018
Type of Vehicle :	TRUCK
Make :	Ashok Leyland Ltd
Model :	LAYLAND
Test Date :	09-12-2021
Time :	05:44:47 PM
Valid UpTo :	08-06-2022
Center Name :	Raja Ram Mobile Puc Van,9462673707,(RJ07-GA-7627)
Center Address :	Jaipur Road,Banswara
Licence No :	RJ03-1006/1007
Test Result :	Pass

#### Flushing Cycle

Avg	RPM Min	RPM Max	Temp
620		1951	0

Sr. No.	RPM Min	RPM Max	Km	HSU%	Temp
1	571	1886	0.554	21.2	000.0
2	571	1871	0.545	20.9	000.0
3	571	1945	0.554	21.2	000.0
Mean			0.551	21.1	

#### VALID IN ALL INDIA

Photo of Vehicle



Prescribed Limit for Diesel vehicle	1/m(Light Absorption Co-efficient)	Hartridge Units (HSU)%
Free Acceleration BS II & III	2.45	65
Free Acceleration BS IV	1.62	50
Free Acceleration BS VI 4/3 wheelers	0.7 / 1.5	26 / 48

Validity Six Months for Bharat Stage III or below and one year for Bharat Stage IV/VI vehicles.

Certificate price: ₹ 100

Get Certificate renewed within the expiry date.

Seal of Testing Station

Testing Station Code

Authorised Signatory

D1007RJ03

CERTIFICATE IS ONLY VALID IF SMS RECEIVED FROM REIL/TRANSPORT DEPT. KINDLY DESTROY THE INVALID CERTIFICATE.

Transport Dept. Govt. of Rajasthan

Transport Dept. Govt. of Rajasthan



Veh Reg No : RJ09GC2528  
PUC No. : D1007RJ03102746  
Valid up to : **08-06-2022**  
Scan QR Code to Validate



Veh Reg No : RJ09GC2528  
PUC No. : D1007RJ03102746  
Valid up to : **08-06-2022**  
Scan QR Code to Validate

**FORM - O**

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

A' form No:- 28

Date - 9/12/2021

**Report of Medical Examination under rule 29 B**

(To be issued in triplicate \*\*)

Certificate No.....

Certified that **Sh. Narayan Dangi** Employee of Anjum Extractions Working as **HEMM Operator**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be <sup>33</sup> years of age.

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

**Shri Sh. Narayan Dangi** .....

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

( b ) \* is suffering from .....and is medically unfit for -

(i) any employment in mine; or

(ii) any employment below ground; or

(iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining  
Medical Officer  
J. K. Cement Works  
NIMBAHERA (RAJ.)

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

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

### Report of Medical Examination under rule 29 B

(To be issued in triplicate \*\*)

Certificate No.....

Certified that **Sh. Prakash Meena** Employee of Anjum Extractions Working as **Tipper driver**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be <sup>34</sup>45 years of age.

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

**Shri Sh. Prakash Meena** .....

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

( b ) \* is suffering from .....and is medically unfit for -

- (i) any employment in mine; or
- (ii) any employment below ground; or
- (iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining  
Medical Officer  
J. K. Cement Works  
Authority  
**NIMBAHERA (RAJ.)**

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**

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

## **Report of Medical Examination under rule 29 B**

(To be issued in triplicate \*\*)

Certificate No.....

Certified that shri **BHERU LAL MEGHWAL** as **BLASTING HELPER** in **MURLIYA LIME STONE MINES**, Form B No.

Has been examined for an **initial / periodical** medical examination. He appears to be **52** years of age.

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

Shri... **BHERU LAL MEGHWAL** .

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

( b ) \* is suffering from .....and is medically unfit for –

- (i) Any employment in mine; or
- (ii) Any employment below ground; or
- (iii) Any employment or work .....

(c) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining

Authority

**DR. S. K. CHAUDHARY**  
C.M.O.  
**NAME AND DESIGNATION IN**  
**Block letters.**  
Reg. No. 21751

\*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**

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

A form No:- 36

Date - 9/12/2021

**Report of Medical Examination under rule 29 B**

(To be issued in triplicate \*\*)

Certificate No.....

Certified that **Sh. Kailash chand dangi** Employee of Anjum Extractions Working as **Tipper driver**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be <sup>34</sup>45 years of age.

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

**Shri Sh. Kailash chand dangi**.....

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

( b ) \* is suffering from .....and is medically unfit for -

(i) any employment in mine; or

(ii) any employment below ground; or

(iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining

Authority **Medical Officer**  
**J. K. Cement Works**  
**NIMBAHERA (RAJ.)**

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.



4  
A Form No:- 81

**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 **Sh. Shahid hussain** Employee of Anjum Extractions Working as **Supervisor**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be <sup>28</sup>45 years of age.

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

Shri **Sh. Shahid hussain** .....

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

( b ) \* is suffering from .....and is medically unfit for -

(i) any employment in mine; or

(ii) any employment below ground; or

(iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining

Authority **Dr. S. K. CHAUDHARY**

C.M.O.

J.K.C.W. NIMSAHERA (RAJ.)

Reg. No. 21732

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**

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

from 'A' No. - 87  
Date - 9/12/2021

**Report of Medical Examination under rule 29 B**

(To be issued in triplicate \*\*)

Certificate No.....

Certified that **Sh. Shantilal Bhil** Employee of Anjum Extractions Working as **Dozer Operator**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be 45 years of age.

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

**Shri Sh. Shantilal Bhil** .....

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

( b ) \* is suffering from .....and is medically unfit for -

(i) any employment in mine; or

(ii) any employment below ground; or

(iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining  
Medical Officer  
**J. K. Cement Works**  
Authority **NIMBAHERA (RAJ.)**  
.....

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.

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

**Report of Medical Examination under rule 29 B**

(To be issued in triplicate \*\*)

Certificate No.....

Certified that **Sh. Ratan Lal dangi** Employee of Anjum Extractions Working as **Tipper driver**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be <sup>32</sup>~~45~~ years of age.

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

**Shri Sh. Ratan Lal dangi** .....

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

( b ) \* is suffering from .....and is medically unfit for -

- (i) any employment in mine; or
- (ii) any employment below ground; or
- (iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining  
Medical Officer  
Authorised Cement Works  
NIMBAHERA (RAJ.)

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

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

30/12/2021

## Report of Medical Examination under rule 29 B

(To be issued in triplicate \*\*)

Form - A

E.No. 10

Certificate No.....

Certified that **Sh. Himmat singh** Employee of Anjum Extractions Working as **Tipper driver**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be 48 years of age.

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

**Shri Sh. Himmat singh** .....

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

( b ) \* is suffering from .....and is medically unfit for - ✗

(i) any employment in mine; or

(ii) any employment below ground; or

(iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined ✗  
within a period of .....months. 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



Signature of the examining  
**Dr. S. K. CHAUDHARY**  
C.M.O.  
Authority  
**J. K. Cement Works**  
**NIMBAHERA (Raj.)**  
Reg. No. 21732  
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

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

A form No: 24  
Date - 9/12/2021

### Report of Medical Examination under rule 29 B

(To be issued in triplicate \*\*)

Certificate No.....

Certified that **Sh. Gautam Ahir** Employee of Anjum Extractions Working as **Supervisor**.

In J. K. Cement Limestone Mine (Murlia Block), Form-A No. - has been examined for an initial / periodical medical examination. He appears to be <sup>35</sup>45 years of age.

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

**Shri Sh. Gautam Ahir** .....

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

( b ) \* is suffering from .....and is medically unfit for -

(i) any employment in mine; or

(ii) any employment below ground; or

(iii) any employment or work .....

( c ) \* is suffering from .....should get this disability cured / controlled \* and should be again examined within a period of .....months. 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



Signature of the examining  
Medical Officer  
Authority **J. K. Cement Works**  
**NIMBAHERA (RAJ.)**

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.