

NBH/PC/ESR/2025-26/

746

Date: 17/9/26

To,

The Member Secretary,

Rajasthan State Pollution Control Board,

4, Industrial Area, Jhalana Doongri

JAIPUR – 302004 (Raj.)

Subject: Environmental Statement Report for the year FY 2025-2026 of Maliakhhera Limestone Mines (ML 04/03) of M/s J.K. Cement Works, Tehsil: Nimbahera, Dist: Chittorgarh (Rajasthan).

Ref: 1. F (Mines)/ Chittorgarh (Nimbahera)/1869(1)/2017-2018/3905/-3909 Order No. 2021-2022/Mines/10333 Dated: 12/11/2021

Dear Sir,

Kindly refer to above subject matter, please find enclosed herewith Environment Statement Report of Maliakhhera Limestone Mines (ML 04/03) for the FY 2025-26 for your reference and record. We believe you will find the same in order.

Thanking You.

Yours Faithfully

For J.K. Cement Works, Nimbahera**Manish Toshniwal****Unit Head (Operations)**

Encl.: as above.

Copy:

The Regional Officer, Rajasthan State Pollution Control Board, Near FCI Godown, Chanderiya, -312021 Distt. - CHITTORGARH (RAJ.)



Corporate Office

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

JK SUPER CEMENT
BUILD SAFE

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

JK CEMENT
WallMaxX
White Cement Wall Putty



“ENVIRONMENTAL STATEMENT”

Maliakhera Limestone Mine

**For the period of
April 2025 to March 2026**



**JK Cement Works, Nimbahera,
Chittorgarh, Rajasthan**



“Form-V”

(See rule 14)

Environmental Statement for the financial year 2025-26, ending the 31st March 2026

Part – A

I. Name an address of the owner/occupier of the industry operation or process	Maliakhera Limestone Mine (ML no 04/03) of M/S J.K Cement Works, Nimbahera Kailash Nagar, Tehsil: Nimbahera, Chittorgarh (Rajasthan) PIN- 312617
II. Industry category Primary - (STC Code) Secondary - (STC Code)	Primary
III. Production capacity	6.30 MMTPA Total excavation (Cement grade Limestone - 5.60 MMTPA)
IV. Year of establishment-	1989
V. Date of last environmental statement submitted	22.09.2025

Part – B

WATER AND RAW MATERIAL CONSUMPTION

i. WATER CONSUMPTION in m³/day

Process	:	46.42 m ³ /day
Cooling	:	Nil
Domestic	:	2.25 m ³ /day (Including Mines & Crusher)

Name of products	Process water consumption per unit of products	
	During the previous financial year (2024-25) (KL/MT)	During the current financial year (2025-26) (KL/MT)
1. Limestone	0.00273	0.00285

ii. RAW MATERIAL CONSUMPTION

Name of raw material	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2024-25)	During the current financial year (2025-26)
High speed diesel (HSD)	Limestone	0.3796 Litre/MT	0.4066 Litre/MT
Ammonium Nitrate		0.0801 Kg/MT	0.0741 Kg/MT
Dyneax Boost		Nil	Nil
Kelvex 600		0.0028 Kg/MT	Nil
Aquadyne		0.0001 Kg/MT	Nil
Emual boost	Limestone	0.0005 Kg/MT	0.0004 Kg/MT
Kelvex-P		0.0007 Kg/MT	Nil
Kelvex 220		Nil	Nil
Kelvex 500		0.0021 Kg/MT	0.0001 Kg/MT

Name of raw material	Name of products	Consumption of raw material per unit of output	
		During the previous financial year (2024-25)	During the current financial year (2025-26)
Energel		Nil	Nil
Elec. Detonator		0.0003 No/MT	0.0001 No./MT
Dyneax Column-83 MM		0.0061 Kg/MT	0.0074 Kg/MT
Dyneax Prime-83 MM		0.0072 Kg/MT	0.0129 Kg/MT
Dyneax Cord IV		0.0192 Mtr./MT	Nil
Detonating Fuse		0.0065 Mtr./MT	0.0246 Mtr./MT
Nonels		0.0073 No./MT	0.0058 No./MT
Accudet Elocronic Detonator		Nil	0.0001 No./MT
Edet/ eSDD		Nil	Nil

Part – C

Pollution Discharge to Environment / Unit of Output

Pollutants	Quantity of pollutants discharged (kg/ ton of Limestone)	Concentration of pollutants in discharge (mg/Nm ³)	Percentage of variation from prescribed standards with reasons
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(a) Water	Wastewater generated from the mine workshop (vehicle washing facility) is routed to the Effluent Treatment Plant (10 KLD). The treated effluent is 100% recycled and reused within the workshop for vehicle washing and dust suppression. Water quality monitoring of recycled water is maintained as per prescribed norms.		
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ETP yearly analysis report

S. No.	Parameter	Standards	Yearly average
1	pH value	Between 5.5 to 9.0	7.3
2	Total Suspended Solids	Not to exceed 100 mg/l	51.0
3	Chemical Oxygen Demand	Not to exceed 250 mg/l	103.9
4	Biological Oxygen Demand	Not to exceed 30 mg/l	19.7
5	Oil & Grease	Not to exceed 10 mg/l	2.8

(b) Air	Crusher Stack Emission monitoring results (yearly average)				
Not Applicable					
Ambient Air Quality Monitoring Results (yearly average)					
Location	Parameters				
	PM10 (µg/m³)	PM2.5 (µg/m³)	SO₂ (µg/m³)	NOₓ (µg/m³)	CO (mg/m³)
Near Mines Office	57.48	26.00	8.27	16.37	0.39
Near Ravana Office	55.63	25.60	7.98	16.03	0.39

Noise level monitoring report (yearly average)

Near Mine Office		Near Ravana Office	
Day	Night	Day	Night
64.7	52.8	65.5	52.9

Part – D
(As Specified under Hazardous & other Waste Management Rule – 2016)

Hazardous waste	Total Quantity	
	During previous financial year (2024-25) (KL)	During current financial year (2025-26) (KL)
(a) From process	Used oil (5.1)- 19.954 Waste oil (5.2)- Nil	Used oil (5.1)- 6.95 (32 Drums) Waste oil (5.2)- 4.2 (20 Drums)
(b) From pollution Control facilities	Not applicable	Not applicable

*Including Cement Plant, CPP, WHRS, Mines & Colony. Hazardous waste generated are being sold to authorized recycler by CPCB.

Part – E
Solid Waste

S. N.	Source	Total Quantity	
		During previous financial year (2024-25) (MT/Year)	During current financial year (2025-26) (MT/Year)
(a)	From process	Not applicable	
(b)	From pollution control facility		
(c)	Quantity rejected or reutilized with in the unit		

Part – F

PLEASE SPECIFY THE CHARACTERISATIONS (IN TERMS OF COMPOSITION AND QUANTUM) OF HAZARDOUS AS WELL AS WASTES AND INDICATE DISPOSAL PRACTICE ADOPTED FOR BOTH THESE CATEGORIES OF WASTES.

- **Solid Waste: Not application**
- **Hazardous Waste:** Authorization no.- RPCB/HWM/2025-2026/ CPM/HSW/19 dated 06/10/2025 of used spent oil (Cat. 5.1) & waste oil (Cat.5.2) which is collected from Mines, L.S Crusher, Cement Plant machineries/equipment & Colony is being is being stored in centralized location at plant premises in M.S. drums on concreted floor under covered shed and is being sold out to authorized recycler.
- **Battery Waste Management:** Complying with the provisions under Batteries (Management & Handling) amendment Rules, 2010 and subsequently amended rules 2022, as a Bulk Consumer and maintain record as per the said rule.
- **E-Waste Management:** Complying with the provisions under E-Waste (Management) Rules, 2022 and subsequently amendments, as a Bulk Consumer, the annual return regarding disposal of e-waste is being submitted regularly to RSPCB. The E-waste generated from the unit is being sold out only to authorized e-waste recyclers. During year 2025-26, e-waste sold out quantity is Nil.
- **Biomedical Waste Management:** Complying with the provision under Bio-Medical Waste Management Rules, 2016 and subsequently amended rules 2019, for the generation, segregation & disposal of Bio-medical waste generated. Authorization letter no. BMW/2022-2023/Chittorgarh/BMW/19 dated 2/11/2022. The Bio Medical waste is being

segregated collected & stored at health centre premises in prescribed coloured bins as per rule & handed over to authorized CBMWTF i.e. m/s envision enviro engineers pvt. ltd. Udaipur for final treatment/disposal. For the year 2025 Annual return for Bio-Medical waste submitted to RSPCB on dated 24/01/2026.

Part – G

IMPACT OF THE POLLUTION ABATEMENT MEASURES TAKEN ON CONSERVATION OF NATURAL RESOURCES AND ON THE COST OF PRODUCTION.

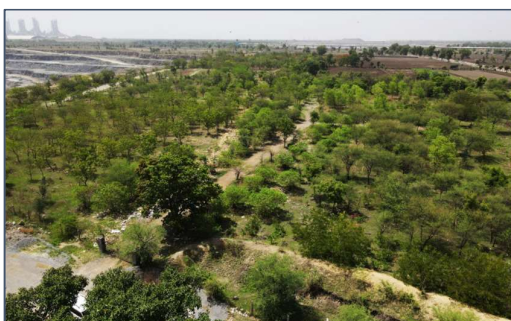
- Water conservation: Rainwater harvested in the mine sump satisfies 100% of the operational water demand (dust suppression, plantation), eliminating reliance on groundwater.
- Periodically preventive maintenance of Heavy earth moving machinery to meet the emission level below the prescribed limit.
- Wet drilling technology adopted to reduce fugitive dust emission.



- Water tanker deployed for water sprinkling on haul road.



- Green belt developed to reduce the noise level.



- In-House Nursery for developing plant saplings for green belt development.



- Periodically measurement of air quality.
- Closed cabins facilitated in HEMM to reduce the noise level. All required PPE's are provided to all workmen.
- To reduce the vibration during blasting unit is using NONEL technology (Non-Electric initiation system).
- Blasting between 12.00 noon to 3.00 PM when air density is low.
- Use of Air Decking & sufficient column stemming in the blast holes.
- Installed Screen Reject Separator that helps to separate clay & supply clean Limestone with increases in grade & assist to utilize the low-grade Limestone. Retractable discharge point with croutons has installed to reduce dust emission.



Part – H

ADDITIONAL MEASURES / INVESTMENT PROPOSALS FOR ENVIRONMENTAL PROTECTION INCLUDING ABATEMENT POLLUTION, PREVENTION OF POLLUTION.

Expenditure incurred on environment protection measures during FY 2025-26

S. No.	Activity	Recurring cost per annum (Rs. in Lacs)
1.	Pollution control expenses (Others)	0.009
2.	Pollution control expenses (Statutory)	5.50798
3.	Miscellaneous Pollution control Expenses	2.68039
Total (Rs in Lacs.)		8.19737

Part – I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT

1. Monitoring of ambient air and water quality is being done regularly as mentioned in Consent to operate.



2. Emission level well within the prescribed norms.
3. Two CAAQMS has been installed in Maliakhera limestone mines and real time ambient air quality data is connected with CPCB & SPCB Portal



4. Water sprinkling is being done on haul road and mining area to suppress fugitive dust emission.

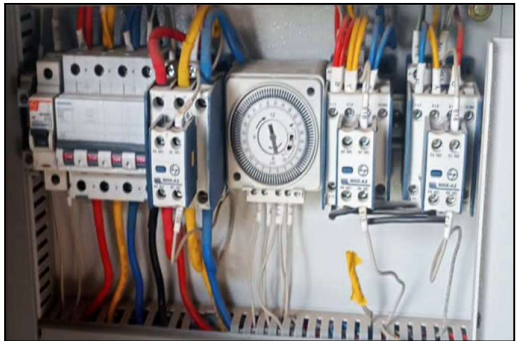


5. Utilization of mechanical scraps to best decorative items.



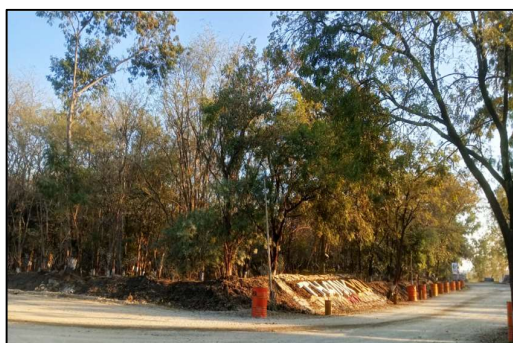


6. The Limestone mining does not involve in GHG govern mechanization process. However, we have promoting the green renewable Solar energy and adoption to energy saving initiatives i.e. Led lights with auto timer that helps to reduce carbon footprint.



7. Total 46.615 ha. area is covered under plantation with 109269 nos. of plantation till 31st March 2026. Apart from this we have planted 4766 saplings in FY 2025 - 2026.





8. We have dedicated team for planning execution of combined CSR activities for Both Cement Plant (Nimbahera and Mangrol unit) and its associated mines, on the focus area of infrastructure, health, sanitation & water, women-empowerment, sports, education etc. Area wise CSR activities with expenditure details for the period from April - 2025 to March - 2026 is given as below: -

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

Evidences: -

1. Health



2. Education



3. Livelihood



4. Rural transformation



5. Environment & sustainability

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

जन जागरण संदेश

मोहन साह चित्तोड़गढ़। निम्बाहेड़ा ओजोन दिवस के अवसर पर जे. के. सीमेंट वर्क्स, निम्बाहेड़ा व मांगरोल प्लान्ट, आर. एस. पी. सी. बी चित्तोड़गढ़ और सी एस आर टैम के सहयोग से पाचार अतिराल और जलिया जलोढ़ चाल पंचायतों के राजकीय उच्च माध्यमिक विद्यालय में जागरण कार्यक्रम आयोजित किया गया। यह कार्यक्रम जे. के. सीमेंट के युनिट हेड मनीष तोपनीवाल और एचआर हेड प्रकाश मिश्रा के मार्गदर्शन में आयोजित किए गए। कार्यक्रम का उद्देश्य बच्चों को रोचक और सरल तरीके से जोड़ने हुए उन्हें ओजोन परत के महत्व के बारे में जागरूक करना था। इस दौरान जागरूकता रात्र, पोस्टर प्रतियोगिता, निबंध लेखन प्रतियोगिता तथा प्रयोगात्मक प्रतियोगिता का आयोजन किया गया, जिसमें विद्यार्थियों ने पूरी उत्साह से भाग लिया। उनके उत्तरों से यह स्पष्ट हुआ कि वे पर्यावरणीय विषयों और



ओजोन संरक्षण को जागरूकता को महसूस से समझते हैं। पोस्टर प्रतियोगिता, निबंध लेखन प्रतियोगिता तथा प्रयोगात्मक प्रतियोगिता में प्रथम, द्वितीय व तृतीय स्थान प्राप्त करने छात्रों को प्रथम, द्वितीय एवं आर एस पी सी बी चित्तोड़गढ़ द्वारा उपलब्ध कराए गए प्रशस्ति पत्र

वितरण के साथ आमंत्रित सहभागियों को भी सम्मान हुआ। और में छात्रों को कोड़े तुल्यकर संरक्षण और हरित मूल्य के प्रति हमारी सख्तीक जिम्मेदारी का प्रतीक है। यह कार्यक्रम न केवल जागरूकता फैलाने में महत्व रात्र बल्कि बच्चों को पर्यावरण की रात्र के लिए छोटे छोटे अलग अलग कार्य का उद्देश्य के लिए प्रेरित भी किया। इस अवसर पर जे के सीमेंट के दलन विभाग के वरिष्ठ प्रबन्धक योगेश दत्तारा, प्रबन्धक राजेश सिंह, पर्यावरण विभाग के प्रमुख अजय शर्मा, प्रबन्धक माधुरी, सीईओ, सी एस आर प्रमुख राजन कुमार एवं आर टैम के लोकेश व आनुर जी अति उत्तम रहे।



6. Disaster relief & others