

NBH/PC/ESR/2025-26 *147*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 Karunda Limestone Mine (ML 03/03) of M/s J.K. Cement Works, Tehsil: Nimbahera, Dist: Chittorgarh (Rajasthan).

Ref: F (Mines)/ Chittorgarh (Nimbahera)/1869(1)/2017-2018/3891-3895 Order No. 2021-2022/Mines/10332 Dated: 12/11/2021

Dear Sir,

Kindly refer to above subject matter, please find enclosed herewith Environment Statement Report of Karunda Limestone Mine for the year FY 2025-2026 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

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- ☎ 0124-6919000
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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”

Karunda 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 2025

Part – A

I. Name an address of the owner/occupier of the industry operation or process	Karunda Limestone Mine 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	3.80 MMTPA Total excavation (Cement grade limestone - 3.448 MMTPA)
IV. Year of establishment-	2001
V. Date of last environmental statement submitted	22.09.2025

Part – B

WATER AND RAW MATERIAL CONSUMPTION

i. WATER CONSUMPTION in m³/day

Process	:	34.39 m ³ /day
Cooling	:	Nil
Domestic	:	2.95 m ³ /day

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	0.00347	0.00462

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	0.4590 litre/MT	0.4665 litre/MT
Ammonium Nitrate		0.0866 Kg/MT	0.0772 Kg/MT
Dyneax Boost		Nil	Nil
Elec. Detonator		0.0004 No/MT	0.0002 No./MT
Kelvex 600		0.0019 Kg/MT	Nil
Aquadyne		0.0000 Kg/MT	Nil
Emual boost		0.0007 Kg/MT	0.0006 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)
Kelvex-P	Limestone	0.0006 Kg/MT	Nil
Kelvex 500		0.0029 Kg/MT	0.0005 Kg/MT
Energel		Nil	Nil
Dyneax Column-83 MM		0.0114 kg/MT	0.0136 Kg/MT
Dyneax Prime-83 MM		0.0070 kg/MT	0.0114 Kg/MT
Dyneax Cord IV		0.0190 Mtr/MT	Nil
Detonating Fuse		0.0071 Mtr/MT	0.0250 Mtr/MT
Nonels		0.0088 No./MT	0.0073 No./MT

Part – C

Pollution Discharge to Environment / Unit of Output

Pollutants	Quantity of pollutants discharged (kg/ ton of Clinker)	Concentration of pollutants in discharge (mg/Nm³)	Percentage of variation from prescribed standards with reasons		
(a) Water	No trade effluent/waste water generate/discharge from mines premises.				
(b) Air					
Ambient Air Quality Monitoring Results (yearly average)					
Location	Parameters				
	PM10 (µg/m³)	PM2.5 (µg/m³)	SO ₂ (µg/m³)	NO _x (µg/m³)	CO (mg/m³)
Near Mines Office	56.72	25.90	8.46	19.39	0.40
Near Ravana Office	55.31	25.07	8.84	19.70	0.39

Noise level monitoring data (yearly average)

Near Mine Office		Near Ravana Office	
Day	Night	Day	Night
63.6	52.3	64.7	52.4

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, 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 CBMWTDf 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.
- 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.

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)
2.	Pollution control expenses (Statutory)	2.96637
3	Miscellaneous Pollution control Expenses	4.95689
Total (Rs in Lacs.)		7.92326

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 Karunda 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. Total 33.91 ha. (including outside and within lease area) is covered under plantation with 82251 nos. of plantation till 31st March 2026.







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

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

Evidences: -

1. Health



2. Education



3. Livelihood



4. Rural transformation



5. Environment & sustainability

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

जन जागरण संदेश

मोहन लाल चित्तोडगढ़। विरय ओजोन दिवस के अवसर पर जे. के. सीमेंट वर्क्स, निम्बाहेड़ा व मांगरोल प्लांट, आर. एस. पी. सी. बी चित्तोडगढ़ और सी एस आर टीम के सहयोग से फापर अतिराल और अतिराला जोती नाम पहाड़ों के राक्षसीय उष्ण माउण्टेन विजिलेंस में जागरण कार्यक्रम आयोजित किया गया। यह कार्यक्रम जे. के. सीमेंट के युनिट हेड मनीष तोपनीवाल और एचआर हेड प्रमोद मिश्रा के मार्गदर्शन में आयोजित किए गए। कार्यक्रम का उद्देश्य बच्चों को रोचक और सांस्कृतिक तरीके से ओजोन ह्रास और ओजोन परत के महत्व के



बच्चों में जागरण करना था। इस दौरान जागरण काय, पोस्टर प्रतियोगिता, निबंध लेखन प्रतियोगिता तथा प्रस्तोता प्रतियोगिता का आयोजन किया गया, जिसमें विद्यार्थियों ने पूरे उत्साह से भाग लिया। उनके उत्तरी से बत राफ्ट हुआ कि वे पर्यावरणीय विषयों और

वितरण के साथ जागरण सहभागिता कर से सम्मानित हुआ। और में छात्रों को निचे उपहार स्वरूप प्रदान किए गए, जो पर्यावरण संरक्षण और सौरा अक्षय के प्रति हमारी समुदाय जिम्मेदारी का प्रतीक है। यह कार्यक्रम न केवल जागरण के महत्व में सहज रहा बल्कि बच्चों को पर्यावरण की रक्षा के लिए छोटे-छोटे सरा सरापूर्व कार्य करने के लिए प्रेरित भी किया। इस अवसर पर जे. के. सीमेंट के बन्नेन विभाग के वरिष्ठ प्रबन्धक संतोष दत्ता, प्रबन्धक राजेश शर्मा, पर्यावरण विभाग के प्रमुख अजय शर्मा, प्रबन्धक माधुरी, नीलिका, सी एस आर प्रमुख राहुल कुमार एवं आर टीम से लोकेश व अजय जी और अतिराल वी।



6. Disaster relief & others


