

NBH/PC/ESR/2025-26

742

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 FY 2025-2026 of Power Plant (22 MW) of M/s J.K. Cement Works, Nimbahera, Tehsil: Nimbahera, Dist: Chittorgarh (Rajasthan).

Ref.: F (CPM)/ Chittorgarh (Nimbahera) / 4007(1) / 2023-2024 / 1600-1602 Order No. 2024-25 / CPM / 12486, Dated 05/09/2024

Dear Sir,

Kindly refer to above subject matter, please find enclosed herewith Environment Statement Report of Power Plant (22MW) of M/s J.K. Cement Works, Nimbahera for the 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

- 📍 Prism Tower, 6th Floor, Ninaniya Estate, Gwal Pahari, Gurugram - 122102, Haryana
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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”

22 MW Captive Power Plant

**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 2024-25, ending the 31st March 2025

Part – A

I. Name an address of the owner/occupier of the industry operation or process	J.K Cement Works, Nimbahera (22 MW Captive Power Plant) Kailash Nagar, Tehsil: Nimbahera, Chittorgarh (Rajasthan) PIN -312617
II. Industry category Primary - (STC Code) Secondary - (STC Code)	Primary
III. Production capacity	22 MW
IV. Year of establishment	2006
V. Date of last environmental statement submitted	22.09.2025

Part – B

WATER AND RAW MATERIAL CONSUMPTION
(Plant not in operation since April 2024)

i. WATER CONSUMPTION in m³/day

Process	:	Nil
Cooling	:	Nil
Domestic	:	Nil

Name of products	Process water consumption per unit of products	
	During the previous financial year (2024-25) (KL/MWh)	During the current financial year (2025-26) (KL/MWh)
1. POWER	Nil	Nil

* Total water consumption including utilization of WHR waste water in Cement plant.

ii. RAW MATERIAL CONSUMPTION

Name of raw material	Name of products	Consumption of raw material per unit of output (MT/MWh)	
		During the previous financial year (2024-25)	During the current financial year (2025-26)
Coal	Power (Electric)	Nil	Nil

Part – C
Pollution Discharge to Environment / Unit of Output

Pollutants	Quantity of pollutants discharged (Ton/Day)	Concentration of pollutants in discharge (mg/Nm ³)	Percentage of variation from prescribed standards with reasons		
(a) Water	Effluent waste water generated from blow down of cooling tower and DM plant waste water treated in neutralization pit as prescribed by Rajasthan State Pollution Control Board and treated water is being utilized in cement plant in cooling purpose, hence maintaining Zero Liquid Discharge unit.				
(b) Air	Stack Emission (yearly average)				
PM	CPP Not in operation since April 2024				
SO ₂					
NO _x					
Note: - Cumulative Stack Emissions for L-1,2 and L-3					
Ambient Air Quality Monitoring Results (yearly average)					
Location	Parameters				
	PM10 (µg/m ³)	PM2.5 (µg/m ³)	SO ₂ (µg/m ³)	NO _x (µg/m ³)	CO (mg/m ³)
Near Main Gate	56.10	28.28	9.43	19.19	0.40
Near CPP Gate	54.21	29.69	10.09	19.83	0.40
Near Cricket ground colony	51.89	27.09	9.85	19.35	0.40
Near Mine gate	55.17	28.58	9.70	19.68	0.41

N-pit yearly average Analysis report

S.No.	PARAMETER	Standards	Yearly Average
1	pH	Between 5.5 to 9.0	7.6
2	Total Suspended solids	Not to exceed 100 mg/l	29.3
3	Chemical Oxygen Demand	Not to exceed 250 mg/l	86.6
4	Biological Oxygen Demand (3 days at 27 Degree C)	Not to exceed 30 mg/l	13.9
5	Oil & Grease	Not to exceed 10 mg/l	0.0
6	Iron (Total)	Not to exceed 50 mg/l	5.4
7	Copper (Total)	Not to exceed 1.0 mg/l	<0.1
8	Phosphate (as PO ₄)	Not to exceed 5.0 mg/l	<0.1
9	Zinc (as Zn)	Not to exceed 1.0 mg/l	<0.01
10	Free available chlorine	Not to exceed 0.5 mg/l	<0.01

Noise level monitoring data

Main Security Gate		Near CPP Gate		Near Cricket Ground		Near Mine Office	
Day	Night	Day	Night	Day	Night	Day	Night
65.91	54.78	64.02	52.57	62.90	48.05	64.14	54.95

Part – D

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

Hazardous waste	Total Quantity	
	During previous financial year (2023-24) (KL)	During current financial year (2024-25) (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 (Bed Ash)	Nil	Nil
(b)	From pollution control facility (Fly Ash)	Nil	Nil
(c)	Quantity rejected or reutilized with in the unit	Nil	Nil

Fly ash collected in pollution control equipment (ESP) is utilized for PPC grade cement manufacturing in own cement plant within the premises & bed ash generated from process is also utilized for cement manufacturing and coal dust collected from bag filters is recycled into the system.

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 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.

- Industry has installed electrostatic precipitator (ESP) at boiler for stack and bag filters at transfer points to control the particulate matter and fugitive emission. The particulate matter collected from ESP in the form of fly ash is completely utilized in PPC cement production.

Part – H

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

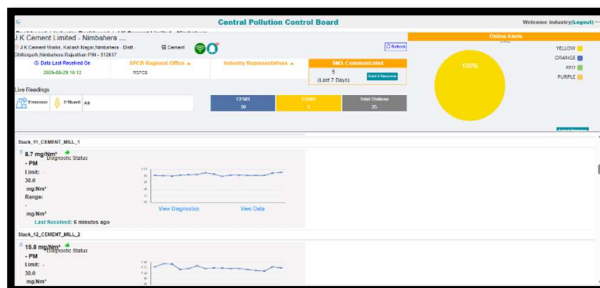
1. Installed new technology NOx and SO2 analyser to provide real time emission reading and data is being transferred to RSPCB and CPCB web portal.
2. Ammonia dosing system installed to reduce higher NOx emission from boiler stack.

Part – I

ANY OTHER PARTICULARS FOR IMPROVING THE QUALITY OF ENVIRONMENT

1. Monitoring of stack emission and ambient air and water quality is being done regularly as mentioned in consent to operate.
2. 4 nos. of Continuous Ambient Air Quality Monitoring Systems (CAAQMS) has been installed at periphery of the plant.

3. Continuous Emission Monitoring Systems (CEMS) for PM, SO₂ & NO_x have been installed at stack of CPP section and real time data transfer to RSPCB & CPCB.



4. Bag filters have been installed at various material transfer points to control fugitive emission.



5. Effluent waste water generated is totally being treated in Neutralization pit and finally reused in cement plant.
6. Fly ash generated from thermal power plant use in cement production.
7. Raw materials are storage in covered shed.



8. Proper Housekeeping and cleaning are being done with the help of three road sweeping machines.



9. Domestic waste water generated is being treated in sewage treatment plant (STP). Treated water is utilized for plantation / horticulture development.

10. All Belt Conveyor belt are fully covered & also installed Bag filter at all material transfer points.



11. Cemented road constructed to avoid fugitive dust generation during the movement of vehicle.



12. Telemetry system installed for online ground water level monitoring.



13. Industry has constructed 4 nos. of rain water harvesting structures in plant area and 9 Nos. Check dam on seasonal nallah and 01 water pond at Nimbahera plant to recharge ground water more than 200%.



14. Total plantation 95647 nos. till 31st March 2025 on 32.36 Ha. area, apart from this 8823 nos. - Tree sapling planted in 2025-2026 to increase the plant density and gap filling.





15. 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 चित्तोडगढ़ टीम द्वारा ओजोन दिवस का आयोजन

जन जागरण संदेश

मोहन लाल चित्तोजंद। नियम ओजोइन दिवस के अवसर पर ऊ के सोनर-संरक्षणमण्डल व मजदूरों ल प्सावर, आर. एस. पी. सी. बी चित्तोजंद ओर ती एर आर टीम के सख्दो न प्सावर अतिरान के अरुनिया ओरी गान प्सावर ती के सख्दो जेरी मजदूरों विप्लवक न जागरूकता कार्यक्रम अरुयोजित किया गया। वर कार्यक्रम ऊ के सोनर के युनिट हेड सोनर लोनीवाल ओर एचएच हेड प्रमनक बिना के मार्गदर्शन न अरुयोजित किए गए। कार्यक्रम का उद्देश्य मजदूरों को सख्दो अरु सख्दो सख्दो न ओजोइन ए उर ओजोइन दिवस के महत्व के

[illegible]

वितरण के साथ आदर्शमय सहसंनिधता तब से सम्मान हुआ। अंत में धर्मों को छोड़ें प्रकृत प्रत्यक्ष प्रदान किए गए, जो पर्यावरण संरक्षण और प्रतिष्ठित अर्थिक के प्रति हमारी समूहिक जिम्मेदारियों का प्रतीक हैं। यह कार्यक्रम न केवल जागतिकता फैलाने में सफल रहा बल्कि वर्तनों को पर्यावरण की रक्षा के लिए छोड़े-छोड़े समूहगत कार्य करने के लिए प्रेरित भी किया। उस अवसर पर डॉ. के. सीमंत के सम्मान विभाजन के वरिष्ठ प्रमुखता योग्यता दार्शन, प्रमुखता राजेश जी, पर्यावरण विभाग के प्रमुख अजय शर्मा, प्रमुखता माधुरी, योगिता, सी एस और प्रमुखता सहल कुमार एस आर टीएस से लेके नव अनुपुषि जी और उमेश से।



6. Disaster relief & others