

NBH/PC/ESR/2025-26/ 741

Date: 17/9/2026

To,

The Member Secretary,

Rajasthan State Pollution Control Board,

4, Industrial Area, Jhalana Doongri

JAIPUR – 302004 (Raj.)

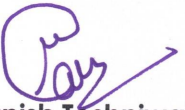
Subject: Environmental Statement Report for the year FY 2025-2026 of Cement Plant of M/s J.K. Cement Works, Nimbahera, Tehsil: Nimbahera, Dist.: Chittorgarh (Rajasthan).**Ref.: F(HSW)/Chittorgarh (Nimbahera) / 20(1)/2022-2023/2567-2569 Order No. 2022 – 2023 / CPM / 8620 dated 22.09.2022.**

Dear Sir,

Kindly refer to above subject matter, please find enclosed herewith Environment Statement Report of Cement Plant of J. K. Cement Works, Nimbahera for the FY 2025-26 for your reference and record. We trust 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”

Cement 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 2025-26, ending the 31st March 2026

Part – A

I. Name an address of the owner/occupier of the industry operation or process	J.K. Cement Works, Nimbahera (Cement Plant) Kailash Nagar, Tehsil: Nimbahera, Chittorgarh (Rajasthan) PIN- 312617
II. Industry category Primary - (STC Code) Secondary - (STC Code)	Primary
III. Production capacity	Clinker – 3.20 MMTPA Cement– 4.90 MMTPA
IV. Year of establishment- (UNIT WISE)	
Unit-1	1974
Unit-2	1978
Unit-3	1982,1988,1998-99, 2021
V. Date of last environmental statement submitted	22.09.2025

Part – B

WATER AND RAW MATERIAL CONSUMPTION

i. WATER CONSUMPTION in m³/day

Process, Cooling &Others : 1576.38 m³/day
Domestic : 238.65 m³/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. CEMENT	0.152	0.153

* 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	
		During the previous financial year (2024-25)	During the current financial year (2025-26)
Limestone	Clinker	1.3940 Ton/MT	1.4091 Ton/MT
Laterite/red ochre/bauxite/high grade laterite/ red mud/Red clay/ red ochre high alumina		0.1028 Ton/MT	0.1064 Ton/MT
Coal		0.0188 Ton/MT	0.0158 Ton/MT

Petcoke		0.0755 Ton/MT	0.0780 Ton/MT
Alternative Fuel resources and Alternative Raw material		0.0348 Ton/MT	0.0383 Ton/MT
Gypsum	Cement	0.1045 Ton/MT	0.0988 Ton/MT
Flyash% of PPC in Cement		0.3127 %/MT	0.315 %/MT
Alternative Raw Material and Performance improver		0.0197 Ton/MT	0.0186 Ton/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/Nm ³)	Percentage of variation from prescribed standards with reasons
(a) Water	Cement plant is being operated on dry process technology, hence no liquid effluent is generated. Domestic waste water generated from the office toilet and canteen is being treated in STP and treated water used in plantation & horticulture purpose within the premises.		
(b) Air	Stack Emission (yearly average)		
PM	0.006	14.06	-53.13%
SO ₂	0.052	112.53	12.53%
NO _x	0.144	314.96	-60.63%

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

STP yearly average Analysis report

S.No.	PARAMETER	Standards	Yearly Average
1	pH	Between 5.5 to 9.0	7.8
2	Total Suspended solids	Not to exceed 10 mg/l	9.0
3	Chemical Oxygen Demand	Not to exceed 50 mg/l	42.0
4	Biological Oxygen Demand (3 days at 27 Degree C)	Not to exceed 10 mg/l	8.3
5	Oil & Grease	Not to exceed 10 mg/l	BDL
6	Ammonical Nitrogen (as N)	Not to exceed 50 mg/l	1.4

Noise level monitoring data (yearly average)

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 (2024-25) (KL)	During current financial year (2025-26) (MT)
(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	NONE	NONE
(b)	From pollution control facility	Dust collected in ESP, bag house and bag filters are recycled into the system	Dust collected in ESP, bag house and bag filters are recycled into the system
(c)	Quantity rejected or reutilized with in the unit	100%	100%

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.

3. **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.
4. **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.
5. **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.
6. Dust collected from pollution control equipment's (i.e. from ESP, Bag house and Bag filter) is totally recycled in the process.

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.

Cement manufacturing is a dry process technology, hence no effluent generated from process. Which is cost effective and environmentally clean technology. The advantage of dry process is also in fuel economy. The stack emissions from the plant are controlled by equipment like ESPs and Bag filters installed at various material transfer points to arrest the fugitive emissions. The particulate matter collected from the pollution control equipment is recycled in process and optimizing the cost of operation of pollution control equipment, conserving natural raw material and hence no impact on the environment.



Part – H

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

- 1) Conducted 3rd party stack emission monitoring during co-processing of AFR in Cement Kiln.
- 2) Covered shed constructed for limestone, Jarosite, Red Mud storage.



- 3) Reed Bed STP installed with capacity 35 KLD to treat the additional Sewage.



- 4) WHRS water cooled to Air Cooled system.

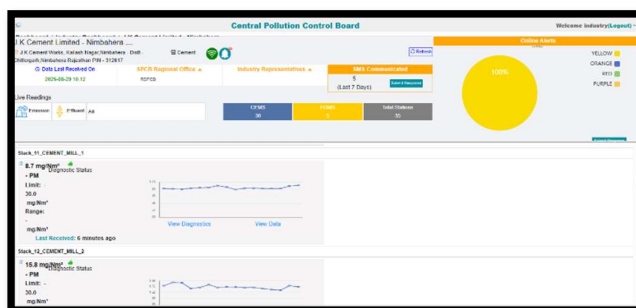


Part – I

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 Kiln section and for monitoring of PM emission CEMS has installed at stack coal mill, cooler & cement mill and real time data transfer to RSPCB & CPCB (12 nos. CEMS).



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



5. Cement being manufacturing in dry process and there is no any effluent generated from the process hence maintaining Zero Effluent Discharge unit.
6. Apart from this fly ash purchased from nearby thermal power plant and use for cement production.
7. Raw materials are storage in covered shed, product in closed silo with highly efficient bag filters for fugitive dust emission control.



8. To utilization of waste heat, Waste heat recovery system has been installed to generate green power.
9. Proper Housekeeping and cleaning are being done with the help of four road sweeping machines.



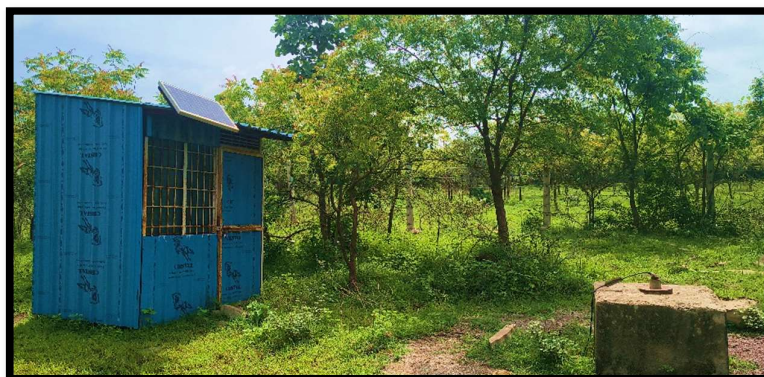
10. Emphasis the more transportation of Raw Material and finish product are being transported through Freight train.
11. Domestic waste water generated is being treated in sewage treatment plant (STP). Treated water is utilized for plantation / horticulture development.
12. All Belt Conveyor belt are fully covered & also installed Bag filter at all material transfer points.



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



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



15. 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%.



16. 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.



17. 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 चित्तोडगाढ़ टीम द्वारा ओजोन दिवस का आयोजन

जन जागरण संदेश

मोहन लाल चित्तोडगाढ़। विद्युत ओजोन दिवस के अवसर पर जे. के. सीमेंट वर्क्स, निम्बाहेड़ा व मांगरोल प्लान्ट, आर. एस. पी. सी. बी चित्तोडगाढ़ और सी एस अरुण टीम के सहयोग से पंचायत अधिवेशन और अतीव जल्दी चान पंचायत के राजकीय उच्च माध्यमिक विद्यालय में जागरण कार्यक्रम आयोजित किया गया। यह कार्यक्रम जे. के. सीमेंट वर्क्स के युनिट हेड श्रीमंत सोहनलाल और एच.एस. हेड प्रमोद मिश्रा के मार्गदर्शन में आयोजित किए गए। कार्यक्रम का उद्देश्य बच्चों को संचक और सार्वक स्तरों से जोड़ने हुए उन्हें ओजोन परत के महत्व के बारे में जागरण करना था। इस दौरान जागरण राय, पोस्टर प्रतियोगिता, निबंध लेखन प्रतियोगिता तथा प्रतियोगिता प्रतियोगिता का आयोजन किया गया, जिसमें विद्यार्थियों ने पूरे उत्साह से भाग लिया। उनके उत्तरों से यह स्पष्ट हुआ कि वे पर्यावरणीय विषयों और ओजोन संरक्षण की आवश्यकता को गहराई से समझते हैं। पोस्टर प्रतियोगिता, निबंध लेखन प्रतियोगिता तथा प्रतियोगिता प्रतियोगिता में प्रथम, द्वितीय व तृतीय स्थान प्राप्त करने वाले छात्रों को पुरस्कार एवं आर एस पी सी बी चित्तोडगाढ़ द्वारा उपस्थित कराए गए प्रशस्ति पत्र

विद्युत के सद्य आवश्यकता संचालित रूप से समाप्त हुआ। अंत में छात्रों को पीछे छोड़कर प्रथम प्रदान किए गए, जो पर्यावरण संरक्षण और स्वस्थ जीवन के प्रति हमारी वास्तविक जिम्मेदारी का प्रतीक है। यह कार्यक्रम न केवल जागरण के माध्यम से बच्चों को संचक की रक्षा के लिए छोटे छोटे बदलाव करने का दायित्व देता है, बल्कि प्रेरित भी करता है। इस अवसर पर जे. के. सीमेंट वर्क्स के बच्चों के विभाग के संचक प्रमोद मिश्रा द्वारा प्रमुखता से भाग लिया, जो पर्यावरण विभाग के प्रमुख अजय शर्मा, प्रमुखक माधुरी, नीलकंठ, सी एस अरुण प्रमुख गालुन कुमार एच आर टीम से लगेछे व अन्य जी अति उपस्थित थे।



6. Disaster relief & others



18. Expenditure for pollution control Equipment i.e. maintenance and power consumption cost given as below:

Particular	Cost in Lac	Remarks
Pollution Control (Statutory)	1056.48	STP, Bag House, Bag Filter, ESP maintenance & Power Consumption.
Pollution Control (Other)	30.35	Road Sweeping
