



सत्यमेव जयते

File No: SIA/3(b)/2583/2024

Government of India

Ministry of Environment, Forest and Climate Change

(Issued by the State Environment Impact Assessment Authority(SEIAA),  
BIHAR)

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Date 24/02/2025



To,

Mr. Bhaskar Singh Rawat  
J K CEMENT LIMITED  
JK Cement Limited, Kamla Tower, Kanpur Uttar Pradesh 208001, KANPUR, KANPUR NAGAR,  
UTTAR PRADESH, , 208001  
bhaskar.rawat@jkcement.com

**Subject:** Grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 -regarding.

**Sir/Madam,**

This is in reference to your application submitted to SEIAA,Bihar vide proposal number SIA/BR/IND1/503117/2024 dated 04/12/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B1103BR5666199N
(ii) File No.	SIA/3(b)/2583/2024
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	3(b) Cement plants
(vii) Name of Project	Proposed Standalone Clinker Grinding Unit with Cement Production Capacity of 4.0 Million TPA along with installation of D.G. Set of Capacity 1 MW by JK Cement Works, Buxar (A unit of JK Cement Limited) at Khasra Nos. 04,05,12 & others, Villages: Menhmarara & Kant, Tehsil-Dumraon, District -Buxar, Bihar
(viii) Name of Company/Organization	J K CEMENT LIMITED
(ix) Location of Project (District, State)	BUXAR, BIHAR
(x) Issuing Authority	SEIAA,Bihar
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA,Bihar for an appraisal by the SEAC under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEIAA in the meeting held on 01/02/2025 to 03/02/2025. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in orm-1 (Part A, B and C)/ EIA & EMP Reports / presented during SEAC.
6. The SEIAA,Bihar in its meeting held on 01/02/2025 to 03/02/2025, based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA,Bihar has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the SEAC Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. Mr. Bhaskar Singh Rawat under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure .
8. The SEIAA,Bihar reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. appeal against this EC 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.
11. This issues with the approval of the Competent Authority.





**STATE LEVEL ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, BIHAR**

**F. No.:- SIA/3(b)/2583/2024**

**Sub: Proposed Standalone Clinker Grinding Unit with Cement Production Capacity of 4.0 Million TPA along with installation of D.G. Set of Capacity 1 MW by M/s J K Cement Works, Buxar (A unit of JK Cement Limited) at Villages:- Menhmarara & Kant, Tehsil:- Dumraon, District:- Buxar, State:- Bihar – Environmental Clearance regarding.**

- Reference:-**
1. MoEF&CC ToR Proposal No. - **SIA/BR/MIN/489297/2024**, MoEF&CC EC Proposal No. - **SIA/BR/MIN/503117/2024** & SEIAA File No.:- **SIA/3(b)/2583/2024**.
  2. Scrutiny fee submission dated 30-07-2024.
  3. ToR issued date 10-08-2024.
  4. Online Final EIA submission dated 04-12-2024.
  5. SEAC meeting held on 09-01-2025 (For EC).
  6. SEIAA meeting held on 01-02-2025 to 03-02-2025 (For EC).

**Sir,**

This has reference to your online application for the above proposal of M/s J K Cement Limited for Cement Plants at Villages:- Menhmarara & Kant, Tehsil:- Dumraon, District:- Buxar, State:- Bihar. The details of the projects are as follows:-

<b>Sl. No.</b>	<b>Item</b>	<b>Details</b>
1.	Name of the project	Proposed Standalone Clinker Grinding Unit with Cement Production Capacity of 4.0 Million TPA along with installation of D.G. Set of Capacity 1 MW by M/s J K Cement Works, Buxar (A unit of JK Cement Limited)
2.	S. No. in the Schedule	3(b)
3.	Type of Project	Cement Plants
4.	Total Project Area	31.8213 Ha.
5.	Clinker Grinding Unit Area	1.185 Ha.
6.	Total Green Belt Area	10.501 Ha. (33% of total plot area)
7.	Number of tree plantation	21,035
8.	Total Parking Area	1.5 Ha.
9.	Location of the Project	Khesra No.- 04, 05, 12 & Others. Villages:- Menhmarara & Kant, Tehsil:- Dumraon, District:- Buxar, State:- Bihar.



		Corner Coordinates of the Project site		
		S. No.	Latitude	Longitude
		1.	25° 34' 12.47" N	84° 19' 49.14" E
		2.	25° 34' 12.34" N	84° 19' 50.01" E
		3.	25° 34' 12.11" N	84° 19' 53.04" E
		4.	25° 34' 11.96" N	84° 19' 57.20" E
		5.	25° 34' 12.87" N	84° 19' 59.67" E
		6.	25° 34' 13.01" N	84° 20' 00.19" E
		7.	25° 34' 12.67" N	84° 20' 00.74" E
		8.	25° 34' 12.37" N	84° 20' 00.79" E
		9.	25° 34' 12.08" N	84° 20' 00.70" E
		10.	25° 34' 08.56" N	84° 20' 00.22" E
		11.	25° 34' 07.55" N	84° 20' 01.53" E
		12.	25° 34' 07.39" N	84° 20' 01.56" E
		13.	25° 34' 07.28" N	84° 20' 01.43" E
		14.	25° 34' 05.57" N	84° 20' 00.90" E
		15.	25° 34' 05.44" N	84° 20' 01.11" E
		16.	25° 34' 04.30" N	84° 20' 01.24" E
		17.	25° 34' 03.57" N	84° 20' 01.27" E
		18.	25° 34' 02.70" N	84° 20' 01.10" E
		19.	25° 34' 02.51" N	84° 20' 00.89" E
		20.	25° 34' 02.49" N	84° 20' 00.76" E
		21.	25° 34' 02.66" N	84° 20' 00.56" E
		22.	25° 34' 02.83" N	84° 20' 00.45" E
10.	Latitude & Longitude	23.	25° 34' 00.99" N	84° 19' 57.76" E
		24.	25° 34' 00.58" N	84° 19' 58.24" E
		25.	25° 33' 59.55" N	84° 19' 58.13" E
		26.	25° 33' 57.27" N	84° 19' 57.22" E
		27.	25° 33' 57.04" N	84° 19' 57.21" E
		28.	25° 33' 56.85" N	84° 19' 56.96" E
		29.	25° 33' 53.43" N	84° 19' 57.13" E
		30.	25° 33' 53.23" N	84° 19' 57.60" E
		31.	25° 33' 51.04" N	84° 19' 56.04" E
		32.	25° 33' 50.83" N	84° 19' 56.21" E
		33.	25° 33' 52.04" N	84° 19' 28.55" E
		34.	25° 33' 53.21" N	84° 19' 29.61" E
		35.	25° 33' 58.05" N	84° 19' 34.85" E
		36.	25° 33' 59.35" N	84° 19' 35.48" E
		37.	25° 33' 59.71" N	84° 19' 34.35" E
		38.	25° 33' 59.79" N	84° 19' 34.22" E
		39.	25° 34' 00.39" N	84° 19' 34.51" E
		40.	25° 34' 02.73" N	84° 19' 38.15" E
		41.	25° 34' 06.73" N	84° 19' 41.39" E
		42.	25° 34' 08.08" N	84° 19' 42.77" E
		43.	25° 34' 09.61" N	84° 19' 42.45" E
		44.	25° 34' 09.41" N	84° 19' 42.39" E
		45.	25° 34' 12.20" N	84° 19' 46.38" E
		46.	25° 34' 12.93" N	84° 19' 46.52" E
11.	Cement (PPC & OPC / PSC /	04 MTPA		



	Blended Cement / LC3	
12.	Total Water Requirement	<b>490 KLD</b> Source:- Ground Floor
13.	STP Capacity	15 KLD
14.	Power Requirement	<b>Total – 20 MW</b> Source:- Bihar State Power Transmission Company Limited (BSPTCL).
15.	Power Back-up	DG Set of capacity 1250 KVA in order to meet the power requirement of 1 MW for back up
16.	Manpower Requirement	<b>430 Persons</b> (145 persons regular and 285 persons contractual) <b>Implementation Phase</b> Regular – 30 Persons Contractual – 150 Persons <b>Operation Phase</b> Regular – 115 Persons Contractual – 135 Persons
17.	Total Project cost	Total Project Cost - ₹ 558 Crores Environment Management Plan Cost Capital Cost - ₹ 54.92 Crores Recurring Cost - ₹ 1.06 Crores/Annum

### PREMISES OF THE ENVIRONMENTAL CLEARANCE

This Environmental clearance is being issued on the following premises which have been substantiated / described in detail in the format of application along with enclosed affidavits / certificates / undertakings etc. furnished therewith by the project proponent:-

- (i) Information provided, descriptions mentioned are complete, true and actual and no relevant fact has been concealed to obtain Environmental Clearance deceitfully by the project proponent.
- (ii) Project Proponent shall intimate SEIAA immediately if there is any change in their official address / E-mail / Ph. No / Cell. no. etc failing which communication sent to them on old address shall be considered as delivered.
- (iii) Environmental Clearance shall be liable to be revoked if furnished information provided description / Certificates / Affidavits / Undertaking etc. are found false / concocted at any stage of its validity.
- (iv) This Environmental Clearance is issued without affecting any court order / statutory other institutions as well as relevant other laws enacted by MoEF&CC, GoI, New Delhi.

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**A. Statutory compliance**

1. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
2. This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**B. Air Quality Monitoring and Preservation**

1. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 04/06 Nos. Continuous Ambient Air Quality Station (CAAQMS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous and their no's.)
2. The project proponent shall carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
3. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
4. Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.





5. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
6. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
7. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
8. Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.
9. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
10. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
11. The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
12. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
13. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
14. Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
15. The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
16. Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.





17. Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
18. The particulate matter emissions from the process stacks shall be less than 30 mg/Nm<sup>3</sup> and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
19. Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
20. Provide Low NO<sub>x</sub> burners as primary measures and SCR /NSCR technologies as secondary measure to control NO<sub>x</sub> emissions.
21. The emission norms applicable for the cement plant shall be adhered to.
22. Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
23. DeSO<sub>x</sub> system shall be provided dry type. NO<sub>x</sub> level shall be maintained below 600 mg/Nm<sup>3</sup> by using best available technology.
24. Petcoke dosing shall be controlled automatically to control SO<sub>2</sub> emission from chimney within the prescribed limits.
25. PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.
26. Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.

### **C. Water Quality Monitoring and Preservation**

1. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through

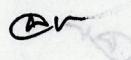


labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.

2. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
3. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
4. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.
5. Tire washing facilities shall be provided at the entrance of the plant gates.
6. Water meters shall be provided at the inlet to all unit processes in the steel plants.
7. The project proponent shall make efforts to minimize water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
8. The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
9. All stockyards shall have impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
10. Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

#### **D. Noise Monitoring and Preservation**

1. Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to SEIAA, Bihar as a part of six-monthly compliance report.





2. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB(A) during day time and 70 dB(A) during night time.
3. Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.

**E. Energy Conservation Measures**

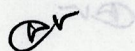
1. Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
2. Restrict Gas flaring to <1%.
3. Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
4. Provide LED lights in their offices and residential areas.

**F. Energy Conservation Measures in case of Integrated Cement Plants**

1. The project proponent make efforts to achieve power consumption less than 65 units/tonne for Portland Pozzolona Cement (PPC) and 85 units/tonne for Ordinary Portland Cement (OPC) production and thermal energy consumption of 670 Kcal/Kg of clinker.
2. Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
3. Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.
4. Waste heat recovery system shall be provided for kiln and cooler.

**G. Waste Management**

1. Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.
2. Kitchen waste shall be composted or converted to biogas for further use.





3. Used refractories shall be recycled as far as possible.
4. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the SEIAA, Bihar.
5. The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at <https://cpcb.nic.in/technical-guidelines-3/>. All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
6. A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
7. Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.

#### **H. Green Belt**

1. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
2. Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition





pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.

3. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

#### **I. Public Hearing and Human Health Issues**

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms.
3. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP. Safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
4. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
5. All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 shall be strictly implemented and progress shall be submitted to the SEIAA, Bihar. PP shall adopt nearby villages and prepare and implement a robust plan to develop them into model villages in next 10 years.

#### **J. Environment Management**

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
2. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating





procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the SEIAA, Bihar as a part of six-monthly report.

3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

#### **K. Miscellaneous**

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5. Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.



6. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at Environmental Clearance portal.
7. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
8. The project proponent shall inform the Regional Office as well as the SEIAA, Bihar, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
9. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the State Expert Appraisal Committee.
10. The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC and SEIAA, Bihar.
11. The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
12. No further expansion or modifications in the plant shall be carried out without prior approval of the SEIAA, Bihar.
13. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
14. The SEIAA, Bihar may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

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15. The SEIAA, Bihar reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
16. The validity of Environmental Clearance shall be 10 years.
17. The Regional Office of this Ministry and SEIAA, Bihar shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office and SEIAA, Bihar by furnishing the requisite data / information/monitoring reports.
18. Any appeal against this EC 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.

**X. Special Conditions:-**

1. The proposed plantation consisting of mixture of indigenous and fast growing species of trees must be done and proper care must be taken. Plantation of a minimum of 6 feet tall plants must be done in the 1<sup>st</sup> year itself and properly maintained till the validity of Environmental Clearance and preserve the existing trees at the proposed site. Apart from this, submit the KML file along with the colour photograph of the tree plantation done.
2. As per the Office Memorandum F. No. IA3-22/3/2024-IA.III (E-241594) dated 24.07.2024 of MoEF&CC, GoI, plantation of saplings shall be carried out in the earmarked green belt area as a part of the tree plantation campaign "Ek Ped Ma Ke Naam".
3. The Project Proponent shall execute and conduct measurable CER activities like facilities for drinking water supply, solar light, Rain Water Harvesting, Solid Waste Management Facilities & sanitation for the nearby villages, local government schools or Anganwadi Kendra and also donating furnitures for the local government schools or Anganwadi Kendra. A display board of the CER activities must be fixed for the information to the public at the project site/mining site.
4. The green belt area should be permanently barricaded for its exclusive demarcation and maintenance as a green belt area.
5. There should be fire alarm and control system of approved specification and mock drill as mandated by law should be conducted regularly.



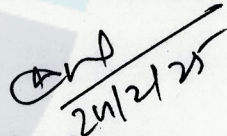


6. The Proponent shall use the PNG/CNG in place of coal whenever it is made available at approachable distance.
7. Regular water sprinkling shall be done on peripheral roads used for transportation of raw material and finished products within I KM from the proposed plant boundary to minimize air pollution during operation phase.
8. Vehicle used for transportation of raw material and finished products shall not be parked on public road.
9. The validity of Environmental Clearance shall be 10 years from the date of issuance of the Environmental Clearance.

Sd/-  
**(Abhay Kumar)**  
Member Secretary,  
SEIAA, Bihar

**Copy, through email, for information and necessary action to :-**

1. The Secretary, Environment, Forest and Climate Change Deptt., Govt. of Bihar, Sinchai Bhawan, Patna - 15;
2. The Secretary, Industries Deptt., Govt. of Bihar, Patna;
3. The Chairman, SEAC, Bihar;
4. The Member Secretary, Bihar State Pollution Control Board, Patna, Bihar;
5. MoEF&CC, Integrated Regional Office, Ranchi, 2<sup>nd</sup> Floor, Headquarter - Jharkhand State Housing Board, Harmu Chowk, Ranchi, Jharkhand - 834002;
6. Guard file.

  
**(Abhay Kumar)**  
Member Secretary,  
SEIAA, Bihar