सत्यमेव जयते

File No: 9371-9037

Government of India

Ministry of Environment, Forest and Climate Change

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

***

Date **16/01/2025**

To,

Mr. Bhaskar Singh Rawat
M/s 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 Expansion in Cement Production Capacity from 2.0 Million TPA to 3.0 Million TPA by process optimization of Existing Stand - alone Grinding Unit at Village: Ingohta, Pargana- Sumerpur, Tehsil & District: Hamirpur, Uttar Pradesh by M/s JK Cement Limited.

Sir/Madam,

This is in reference to your application submitted to SEIAA vide proposal number SIA/UP/IND1/498051/2024 dated 21/10/2024 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.	EC24B1103UP5318256N
(ii) File No.	9371-9037
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	3(b) Cement plants
(vii) Name of Project	Proposed Expansion in Cement Production Capacity from 2.0 Million TPA to 3.0 Million TPA by process optimization of Existing Stand - alone Grinding Unit at Village: Ingohta, Pargana- Sumerpur, Tehsil & District: Hamirpur, Uttar Pradesh by M/s. JK Cement Limited.
(viii) Name of Company/Organization	J K CEMENT LIMITED
(ix) Location of Project (District, State)	HAMIRPUR, UTTAR PRADESH
(x) Issuing Authority	SEIAA
(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-2(Part A, B and C)/ EIA & EMP Reports were submitted to the SEAC for appraisal under the provision of EIA notification 2006 and its subsequent amendments.

4. The above-mentioned proposal has been considered by SEAC in its meeting held on 29-11-2024. 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.

5. Details of the minerals to be mined along with production capacity and the brief on the salient features of the project as submitted by the project proponent in Form 1 (Part A and B) in the reports and as presented during SEAC meeting are annexed to this EC as Annexure (2).

6. The SEAC, in its meeting held on 29-11-2024 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 stipulation of Specific and Standard EC conditions as given in Annexure (1).

7. The SEIAA in its meeting held on 06-01-2025 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 SEIAA hereby accords Environment Clearance for the instant proposal to Shri Bhaskar Singh Rawat under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific conditions as given in Annexure (1)

8. The SEIAA 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. The PP is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.

11. General Instructions:

a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of SEIAA website where it is displayed.

b) 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 must display the same for 30 days from the date of receipt.

c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing 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.

d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.

e) 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.

f) The project proponent shall also ensure that the proposed site is not a part of any no-development zone as required/prescribed/identified under law. In case of violation, this permission shall automatically deem to be cancelled. Also, in the event of any dispute on ownership or land use of the proposed site, this clearance shall automatically deem to be cancelled.

g) 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.

h) The SEIAA reserves the right to revoke the environmental clearance, if conditions stipulated are not implemented to the satisfaction of SEIAA. SEIAA may impose additional environmental conditions or modify the existing ones, if necessary.

12. This issues with the approval of the Competent Authority.

Annexure 1

Specific EC Conditions for (Cement Plants)

1. Environmental Attributes

S. No	EC Conditions
1.1	**1. The project proponent should prepared Wildlife Conservation Plan (WCP) for schedule-1 species found in the study area and submitted to State Forest & Wildlife Department for its approval.** II. Project proponent should explore the possibility of reducing ground water usage and try to minimize in the future. III. Three tier green belts shall be developed with native species all along the periphery of the project. Site survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years (Miyawaki method to be adopted for plantation) IV. Performance test shall be conducted on all pollution control system every year and report shall be submitted to Regional office of the MoEF&CC. V. Medical checkup of the workers deployed in the plant should be conducted in every 06 months. Allergy test should also be included in health checkup of works. VI. Greening and paving shall be implemented in the plant area to arrest soil erosion and dust pollution exposed soil surface. VII. Properly covered vehicles shall be used while transporting material and product. VIII. Project proponent should invest the CER amount as per the proposal and submit the compliance report regularly to the concerned authority/Directorate of environment. IX. The project proponent will ensure exploitation of maximum possible potential of solar energy generation in the proposed project area and prefer to use it instead of conventional electricity in order to reduce the Green House Gas Emission causing climate change. X. Industry to strictly follow the CREP Compliance as per the directions of MoEF & CC,Govt. of India, CPCB and UPPCB from time to time for this nature of unit and submit a compliance report to the concerned authority. XI. Fugitive dust emissions from all the sources shall be controlled with the help of Air Pollution Control System (APCS). Regular water spraying arrangement to be done on internal roads of the plant to suppress the dust emissions from vehicular movements. XII. Project proponent install ambient air quality monitoring station and display board for ambient air quality data in the industry premises. XIII. Industry shall not store any raw material and product in the open area. The raw material/product should be stored in closed vessels/covered shade.
1.2	1. Raw material handling should be such that there should be no Fugitive emission from the premises. 2. Compliance of Public hearing conditions should be ensured. 3. The project proponent shall establish CAAQMS within the premises. Details of existing CAAQMS, if any, be submitted within a period of three months. 4. Directions/suggestions given during public hearing and commitment made by the project proponent should be strictly complied with. 5. Arrangement regarding loader and trucks should be made to avoid to conjunction.

Standard EC Conditions for (Cement plants)

1. Statutory Compliance

S. No	EC Conditions
1.1	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.
1.2	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.

2. Air Quality Monitoring And Preservation

S. No	EC Conditions
2.1	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.)
2.2	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.
2.3	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.
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.
2.5	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.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.

S. No	EC Conditions
2.9	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.
2.10	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
2.11	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
2.12	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.13	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.14	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.15	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.
2.16	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
2.17	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.
2.18	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm3 and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.19	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.

3. Air Quality Monitoring And Preservation In Case Of Integrated Cement Plants

S. No	EC Conditions
3.1	Provide Low NOx burners as primary measures and SCR /NSCR technologies as secondary measure to control NOx emissions.
3.2	The emission norms applicable for the cement plant shall be adhered to.

S. No	EC Conditions
3.3	Dioxin and Furan monitoring shall be carried out once in six months at cement kiln stack.
3.4	DeSOx system shall be provided dry type. NOx level shall be maintained below 600 mg/Nm3 by using best available technology.
3.5	Petcoke dosing shall be controlled automatically to control SO2 emission from chimney within the prescribed limits.
3.6	PP shall identify the Source of fluoride emissions and action plan to mitigate the same shall be implemented.
3.7	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB.

4. Water Quality Monitoring And Preservation

S. No	EC Conditions
4.1	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.
4.2	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.
4.3	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
4.4	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.
4.5	Tyre washing facilities shall be provided at the entrance of the plant gates.
4.6	Water meters shall be provided at the inlet to all unit processes in the steel plants.
4.7	The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.
4.8	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.
4.9	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

S. No	EC Conditions
	material and shall be implemented as per the action plan submitted in EIA/EMP report.
4.10	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

5. Noise Monitoring And Prevention

S. No	EC Conditions
5.1	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 Regional Officer of the Ministry as a part of six-monthly compliance report.
5.2	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.

6. Energy Conservation Measures

S. No	EC Conditions
6.1	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.
6.2	Restrict Gas flaring to < 1%.
6.3	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;
6.4	Provide LED lights in their offices and residential areas.

7. Energy Conservation Measures In Case Of Integrated Cement Plants

S. No	EC Conditions
7.1	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.
7.2	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards.
7.3	Maximize utilization of alternate fuels and Co-processing to achieve best practice norms.
7.4	Waste heat recovery system shall be provided for kiln and cooler.

8. Waste Management

S. No	EC Conditions
8.1	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.
8.2	Kitchen waste shall be composted or converted to biogas for further use.
8.3	Used refractories shall be recycled as far as possible.
8.4	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 Ministry's Regional Office.
8.5	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.
8.6	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
8.7	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.

9. Green Belt

S. No	EC Conditions
9.1	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.
9.2	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.
9.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

10. Public Hearing And Human Health Issues

S. No	EC Conditions
10.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
10.2	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.
10.3	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.
10.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
10.5	All the commitments made towards socio-econmic 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 Regional Office of MoEF&CC. PP shall adopt nearby villages and prepare and implement a robust plan to develop them into model villages in next 10 years.

11. Environment Management

S. No	EC Conditions
11.1	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.
11.2	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 MoEF&CC as a part of six-monthly report.
11.3	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.
11.4	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.

12. Miscellaneous

S. No	EC Conditions
12.1	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.
12.2	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.
12.3	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.
12.4	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.
12.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
12.6	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 environment clearance portal.
12.7	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.
12.8	The project proponent shall inform the Regional Office as well as the Ministry, 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.
12.9	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 Expert Appraisal Committee.
12.10	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.
12.11	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.

S. No	EC Conditions
12.12	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
12.13	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.
12.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
12.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
12.16	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
12.17	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.

Annexure- 2

A presentation was made by the project proponent along with their consultant M/s J.M. Enviro Net Pvt. Ltd to SEAC on 29-11-2025.

Project Details Informed by the Project Proponent and their Consultant

The project proponent, through the documents and presentation gave following details about their project –

1. The environment clearance is sought for Expansion in Cement Production Capacity from 2.0 Million TPA to 3.0 Million TPA by process optimization of Existing Stand - alone Grinding Unit at Village: Ingohta, Pargana- Sumerpur, Tehsil & District: Hamirpur, Uttar Pradesh by M/s JK Cement Limited.
2. Environmental Clearance for the existing Stand-alone Grinding Unit of 2.0 Million TPA (7200 TPD PPC/OPC/PSC/Composite Cement) and D.G. Sets (1250 KVA & 125 KVA) was obtained from SEIAA, Uttar Pradesh vide Ref. No. 202/Parya/SEIAA/6109/2021 dated 29th Sept., 2021 in the name of M/s. Jaykaycem (Central) Works (A unit of Jaykaycem (Central) Ltd.).
3. The standard terms of reference in the matter were issued through online Parivesh Portal on 06/06/2024.
4. The public hearing was organized on 20/09/2024 at the project site. Final EIA report submitted by the project proponent on 21/10/2024.
5. Status of the compliance of the conditions stipulated in the EC for the existing capacity of the plant, duly certified by Integrated Regional Office, Lucknow issued vide letter no. VII/Env/SCL - UP/3189/187 dated 27th August, 2024.
6. Proposed production:

S. No.	Particulars	Unit	Existing Installed Capacity	Additional Capacity	Total capacity after Expansion
1.	Cement (PPC/OPC/PSC/Composite Cement)	Million TPA	2.0	1.0	3.0
2.	D.G. Sets	kVA	1250	Nil	1250

7. Salient features of the project:

S. No.	Particulars		Details		
1.	Project Cost		Rs. 35.5 Crores		
2.	EMP Cost				
	Capital Cost		Rs 86.0 lakhs		
	Recurring Cost		Rs. 12.3 lakhs / annum		
3.	Manpower Details (No.)		Existing	Additional	Total
		Operational Phase			
		Regular	45	0	45
		Contractual	249	38	287
		Total	294	38	332
		Construction Phase	0	123	123
		Total	294	161	455
4.	CPA/SPA/ESA/ESZ, IF ANY		There is no CPA/SPA/ESA/ESZ within 10 Km radius of the		

		study area.
5.	Total Plant area	The existing plant area is 10.6610 ha and proposed expansion will be done within the existing plant premises only. However, company is additionally including the area of 1.0802 ha for greenbelt development and truck parking area. Thus, total plant area will be 11.7412ha.
6.	Greenbelt / Plantation area	Out of total plant area of 11.7412 ha; 33.02 % area i.e., 3.878 ha (Existing + proposed) has been / will be developed under greenbelt development / plantation in accordance with CPCB guidelines and as per the Miyawaki Method of Plantation. Out of 3.878 ha; 2.2 ha area (with 11000 Nos. of saplings has already been developed under the Miyawaki Method of Plantation). However, remaining 1.678 ha will be developed under greenbelt/plantation & gap filling will be done to maintain the density of 2500/ha.

8. Plant machinery details:

S. No.	Description	Unit	Existing Capacity	Proposed increase in Capacity by Process Optimization	Total capacity After Process Optimization
A.	Grinding System				
1.	Cement Mill (VRM)	TPH	335 TPH / 7200 TPD	72 TPH/ 1900TPD	407 TPH / 9100 TPD
2.	Hot Air Generator (Coal, Diesel, FO, Pyrolysis oil)	M Kcal per hour	1 X 15	-	15
B.	Packing Plant				
1.	Roto-Packer	TPH	2 x 240	1 x 240	720
2.	Bulk Loading	TPH	1 x 250	0	250
3.	Truck Tippler	Tons	2 x 100	0	200
4.	Box Feeders	TPH	2 x 250	0	500
C.	Weigh Bridges	*Tons*	4 x 100	0	400
D.	D.G. Sets	KVA	1 x 1250	0	1250

9. Raw material details:

S. No	Raw material	Quantity (Million TPA)			Source	Mode of Transportation & approx. Distance
		Existing Quantity	Additional Quantity	Total		
1.	Clinker	1.90	0.95	2.85	Integrated Cement Plant of JK Cement Ltd. at Panna	~235 km Road
2.	Gypsum	0.10	0.05	0.15	Ujjwal Resources LLP	~ 1438 Km by road
3.	Fly Ash	0.70	0.35	1.05	M/s Prayagraj Power Generation Company Ltd., Prayagraj	~ 150 Km By road
4.	Slag	1.0	0.50	1.50	Open Market	~ 100 Km by road
5.	Any Other	0.1	0.05	0.15	Open Market	~ 100 to 300 Km

	(Limestone)					by road
6.	Diesel	0.003	0	0.003	HPCL, Hamirpur	30 Km by road
7.	FO	0.003	0	0.003	Open Market	300 Km by road
8.	Pyrolysis Oil	0	0.004	0.004	Empire energy, Ghaziabad	400 Km by road
9.	Coal	0.06	0	0.06	Open Market	500 Km by road

10. Power and water requirement details:

S. No.	Particular	Total Quantity			Source
		Existing	Additional	Total	
1.	Power (KVA)	13000	0	13000	State Grid supply and D.G set of 1250 KVA Capacity for emergency backup
2.	Water (KLD)	200	0	200	Groundwater

11. Out of total plant area of 11.7412 ha; 33.02 % area i.e., 3.87 ha (Existing + proposed) has been / will be developed under greenbelt development / plantation in accordance with CPCB guidelines and as per the Miyawaki Method of Plantation. Out of which; 2.2 ha area (with 11000 Nos. of saplings) has already been developed.

12. Solid & Hazardous Waste Management & Disposal details:

Plant Unit	Section	Type of Waste	Waste	Approx. Quantity (TPA)	Treatment / Disposal
Grinding Unit	APCE	SW	Dust	180 TPD	Dust collected from various APCEs is being / will be totally recycled into the process.
STP	STP	SW	STP Sludge	0.264	Used as manure for greenbelt development/ plantation.
Plant Maintenance	Different sections	HW	Used / Spent Oil (5.1)	6.4 TPA/ 8.0 KLA	Is being / will be Sold to the CPCB/ SPCB authorized recyclers.
			Waste or Residues containing oil (5.2)	0.7 TPA / 2.0 KLA	
			Lead Acid batteries	0.5	
MSW	Plant Canteen & Rest room	Dry / Wet	Bottles, paper, cans, textile, etc.	27.39	Is being / will be sold to authorized recyclers. Is being / will be disposed after segregating into bio-degradable and non-degradable waste. Bio-degradable waste is being / will be composted & utilized for greenbelt development/plantation and non-degradable wastes is being / will be disposed of suitably. Concept of waste minimization
			Kitchen and canteen/ Green waste		

					3R's (Recycle, Reduce & Recover) scheme will be adopted.
Plant	Plant & Office	E - waste	Discarded electrical equipment, cables, CFL / LED Lights	1	Sold to registered vendors as per E - waste Management Rules, 2020
Plant	Packing plant	Plastic waste	Plastic bags & other packing materials	10	Is being/Will be sent to authorized vendors

13. Action Plan as per Ministry's O.M. dated 30/09/2020:

S. No.	Concerns raised during the Public Hearing	Physical activity to be done	Unit of Measurement						Tentative Budget (Rs. in lacs)
			1st Year		2nd Year		3rd Year		
			Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	Location / Area	Budget in Lakhs	
	Health	Regular Medical Health Checkup Camps	Chandrapurva	2	Sumerpur	2	Ingohta	2	6
2	Education	Construction of Boundaries at government schools		0	Sumerpur	6			6
		Distribution of Basic amenities at government schools viz., distribution of desks, benches, books etc.	The activity will be conducted as per the list given by CDO Hamirpur	2.5	The activity will be conducted as per the list given by CDO Hamirpur	2.5	The activity will be conducted as per the list given by CDO Hamirpur	2.5	7.5
3	Socio Economic Developmental Activities	Contribution in construction of common	-	0			Chandpurwa Buzurg	8	8

		purpose Hall							
		Renovation of Panchayat Bhavans	Ingohta	3	Chandpurwa Buzurg, Sumerpur	5	Itara, Vidokar Medni	5	13
		Construction of Public toilets	Sumerpur	3					3
		Development of open garden gym	Chandrapurva Buzurg, Sumerpur	5			Ingohta, Itara	5	10
Total				15.5		15.5		22.5	53.5

14. The project proposal falls under category 3(b) of EIA Notification, 2006 (as amended).

Copy, through email, for information and necessary action to –

1. **Additional Chief Secretary, Department of Environment, Forest and Climate Change, Government of Uttar Pradesh, Lucknow (email – psforest2015@gmail.com)**
2. **Joint Secretary, Ministry of Environment, Forest and Climate Change, Government of India, 3rd Floor, Prithvi-Block, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi-110003 (email – sudheer.ch@gov.in)**
3. **Deputy Director General of Forests (C), Integ rated Regional Office, Ministry of Environment, Forest and Climate Change, Kendriya Bhawan, 5th Floor, Sector "H", Aliganj, Lucknow – 226020 (email – rocz.lko-mef@nic.in)**
4. **District Magistrate, Hamirpur.**
5. **Member Secretary, Uttar Pradesh Pollution Control Board, TC-12V, Paryavaran Bhawan, Vibhuti Khand, Gomti Nagar, Lucknow-226010 (email – ms@uppcb.in)**
6. **Copy for Guard File.**

(Ajay Kumar Sharma)
Member Secretary, SEIAA

Signature Not Verified

Digitally Signed by : Mr Ajay Kumar Sharma
Member Secretary, SEIAA

Date: 04/02/2025