सत्यमेव जयते

File No: 2026/EC/F/596

State Environment Impact Assessment Authority (SEIAA), Punjab

(Constituted as per the provision of EIA Notification, 2006, as amended by the Ministry of Environment, Forest and Climate Change, Government of India)

Date **16/10/2026**

To,

Sh. Bhaskar Singh Rawat,
M/s JK Cement Limited,
Kamla Tower, Kanpur 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, Punjab vide proposal number SIA/PB/IND1/589270/2026 dated 22/08/2026 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.	EC26B1103PB5790668N
(ii) File No.	2026/EC/F/596
(iii) Clearance Type	EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	3(b) Cement plants
(vii) Name of Project	Standalone Clinker Grinding Unit by JK Cement Works, Bathinda (A unit of JK Cement Limited)
(viii) Name of Company/Organization	M/s JK Cement Limited,
(ix) Location of Project (District, State)	Village- Maiser Khana, Tehsil-Maur, District-Bathinda, State-Punjab
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

3) State Environment Impact Assessment Authority (SEIAA), Punjab has examined the proposal for grant to the Standalone Clinker Grinding Unit with cement production capacity of 3 MTPA located at Village- Maiser Khana, Tehsil-Maur, District-Bathinda, State-Punjab by M/s J K Cement Limited. The project is covered under Schedule

3(b) Category ‘B1’ as per EIA Notification, dated 14.09.2006 and its subsequent amendments and requires appraisal at the State level.

4) State Environment Impact Assessment Authority (SEIAA), Punjab had granted Terms of Reference (TOR) vide ToR Identification No. TO26B1103PB5134129N dated 30.03.2026.

5) The proposal has been appraised as per the procedure prescribed under the provisions of EIA Notification 14.09.2006 based on mandatory documents enclosed with the application viz Form-1, EIA, EMP, and additional documents and subsequent presentation/ clarifications made by the project proponent and his consultant to the observations of SEAC.

6) The details of the project, as per the application and documents/ presentation submitted by the project proponent and also as informed during the meetings of SEAC are as under:

<table>
<tr><th>Sr. No.</th><th>Item No.</th><th>Details</th></tr>
<tr><td>1.</td><td>Nature & location of Project</td><td>Standalone Clinker Grinding Unit located at Village-Maiser Khana, Tehsil-Maur, District-Bathinda, State-Punjab by JK Cement Works, Bathinda (A unit of JK Cement Limited)</td></tr>
<tr><td>2.</td><td>Latitude & Longitude</td><td>
<table>
<tr><th>S/N</th><th>Pillar Name</th><th>Latitude</th><th>Longitude</th></tr>
<tr><td>1</td><td>BP-1</td><td>30°5' 14.241" N</td><td>75°10' 13.690" E</td></tr>
<tr><td>2</td><td>BP-2</td><td>30°5' 16.935" N</td><td>75°10' 15.227" E</td></tr>
<tr><td>3</td><td>BP-3</td><td>30°5' 15.925" N</td><td>75°10' 17.392" E</td></tr>
<tr><td>4</td><td>BP-4</td><td>30°5' 17.711" N</td><td>75°10' 18.478" E</td></tr>
<tr><td>5</td><td>BP-5</td><td>30°5' 16.472" N</td><td>75°10' 21.577" E</td></tr>
<tr><td>6</td><td>BP-6</td><td>30°5' 15.821" N</td><td>75°10' 22.809" E</td></tr>
<tr><td>7</td><td>BP-7</td><td>30°5' 20.041" N</td><td>75°10' 25.058" E</td></tr>
<tr><td>8</td><td>BP-8</td><td>30°5' 19.096" N</td><td>75°10' 27.335" E</td></tr>
<tr><td>9</td><td>BP-9</td><td>30°5' 20.427" N</td><td>75°10' 28.047" E</td></tr>
<tr><td>10</td><td>BP-10</td><td>30°5' 19.482" N</td><td>75°10' 30.287" E</td></tr>
<tr><td>11</td><td>BP-11</td><td>30°5' 21.332" N</td><td>75°10' 31.299" E</td></tr>
<tr><td>12</td><td>BP-12</td><td>30°5' 20.420" N</td><td>75°10' 33.501" E</td></tr>
<tr><td>13</td><td>BP-13</td><td>30°5' 14.901" N</td><td>75°10' 30.503" E</td></tr>
<tr><td>14</td><td>BP-14</td><td>30°5' 13.108" N</td><td>75°10' 34.983" E</td></tr>
<tr><td>15</td><td>BP-15</td><td>30°5' 10.174" N</td><td>75°10' 33.631" E</td></tr>
<tr><td>16</td><td>BP-16</td><td>30°5' 2.152" N</td><td>75°10' 40.306" E</td></tr>
<tr><td>17</td><td>BP-17</td><td>30°5' 4.098" N</td><td>75°10' 41.434" E</td></tr>
<tr><td>18</td><td>BP-18</td><td>30°5' 3.211" N</td><td>75°10' 43.589" E</td></tr>
<tr><td>19</td><td>BP-19</td><td>30°5' 0.980" N</td><td>75°10' 42.582" E</td></tr>
<tr><td>20</td><td>BP-20</td><td>30°5' 0.491" N</td><td>75°10' 43.739" E</td></tr>
<tr><td>21</td><td>BP-21</td><td>30°5' 0.556" N</td><td>75°10' 43.777" E</td></tr>
<tr><td>22</td><td>BP-22</td><td>30°4' 59.447" N</td><td>75°10' 46.390" E</td></tr>
<tr><td>23</td><td>BP-23</td><td>30°4' 54.476" N</td><td>75°10' 46.792" E</td></tr>
<tr><td>24</td><td>BP-24</td><td>30°5' 8.585" N</td><td>75°10' 15.810" E</td></tr>
<tr><td>25</td><td>BP-25</td><td>30°5' 11.734" N</td><td>75°10' 17.646" E</td></tr>
<tr><td>26</td><td>BP-26</td><td>30°5' 12.614" N</td><td>75°10' 15.444" E</td></tr>
<tr><td>27</td><td>BP-27</td><td>30°5' 13.361" N</td><td>75°10' 15.818" E</td></tr>
</table>
</td></tr>
<tr><td>3.</td><td>Project/ activity covered</td><td>3(b)</td></tr>
<tr><td>4.</td><td>Classification/ landuse pattern as per Master Plan</td><td>The industry has obtained land use classification vide no. 501 DTP(B)/SB-207 dated 28.04.2026, as per which the site falls within the limits of the notified Local Planning Area of Maur, for which the Master Plan has not yet been prepared. Therefore, as per Memo No. 2180-2283 dated 14-06-2023 issued by the Director, Town and Country Planning, the establishment of the subject industry at the site is permissible, subject to the condition that if, at the time of preparation of the Master Plan in future, the site falls under a non-conforming zone, then you shall be bound to comply with Section 79 of the PRTPD Act, 1995. As such the site is</td></tr>
</table>

<table>
<tr><td></td><td></td><td>suitable.
The Project Proponent has submitted the permission of Change of Land Use for area measuring 66.03 acres vide No. PBIP/STP (HUD)/2026/885 dated 07.07.2026</td></tr>
<tr><td>5.</td><td>Cost of the project</td><td>Rs. 495.5 Crores</td></tr>
<tr><td>6.</td><td>Plot area details</td><td>26.79 Ha.</td></tr>
<tr><td>7.</td><td>Raw materials details</td><td>
<table>
<tr><th>S. No.</th><th>Raw Material</th><th>Quantity (Million TPA)</th><th>Source</th><th>Distance & Mode of Transportation (by Road)</th></tr>
<tr><td>1.</td><td>Clinker</td><td>2.85</td><td>JK Cement Limited Integrated Units/other nearby sources</td><td>Road / Rail (600Kms)</td></tr>
<tr><td>2.</td><td>Gypsum/ Chemical Gypsum</td><td>0.44</td><td>Open Market</td><td>Road/ Rail (500 kms)</td></tr>
<tr><td>3.</td><td>Fly ash</td><td>1.24</td><td>1. Talwandi Sabo, Power plant Bathinda, Punjab 2. Suratgarh Thermal Power Plant (Rajasthan) 3. RGTPP, Khedar, Haryana</td><td>Road (30 Kms from Talwandi) (400 Kms from Suratgarh)</td></tr>
<tr><td>4.</td><td>Slag</td><td>0.53</td><td>Gujarat</td><td>Road/ Rail (Approx. 900 Kms)</td></tr>
<tr><td>5.</td><td>Any other (limestone)</td><td>0.17</td><td>JK Cement Mines/other nearby sources</td><td>Road (600 Kms)</td></tr>
<tr><td>6.</td><td>Calcined Clay</td><td>0.09</td><td>From existing plant</td><td>Road/ Rail (950 Kms)</td></tr>
</table>
</td></tr>
<tr><td>8.</td><td>Process description</td><td>Major steps involved in the process of clinker grinding unit are given below:
· Clinker storage & handling
· Fly Ash and Gypsum storage & handling
· Coal storage and other fuel & handling
· Cement production and storage
· Cement packing & dispatch</td></tr>
<tr><td>9.</td><td>Product Details</td><td>
<table>
<tr><th>S. No.</th><th>Particulars</th><th>Unit</th><th>Proposed Capacity</th></tr>
<tr><td>1.</td><td>Cement (OPC/PPC/PSC/ Blended/ Composite/LC3 Cement)</td><td>Million TPA</td><td>3.0</td></tr>
<tr><td>2.</td><td>DG Set</td><td>kVA</td><td>1 x 1250</td></tr>
</table>
</td></tr>
<tr><td>10.</td><td>Break-up of Water Requirements & its source in Operation Phase</td><td>i. Total water requirement
During summer season:
<table>
<tr><th>Purpose</th><th>Fresh water requirement (KLD)</th><th>Treated/recycled water (KLD)</th><th>Remarks</th></tr>
<tr><td>Mill Spray</td><td>120</td><td>45</td><td>45 KLD water is recycled from the cooling process and re-used in mill spray</td></tr>
<tr><td>Cooling water</td><td>50</td><td>--</td><td>Cooling system in closed loop (Makeup</td></tr>
</table>
</td></tr>
</table>

				water 5 KLD, 45 KLD is being recirculated)
		Drinking & Domestic Utility	15	--	Domestic Wastewater generated (7 KLD) will be treated in STP (10 KLD) and treated water (6 KLD) will be used for development of Greenbelt & Plantation.
		Green Belt Development & Plantation	15	6	
		Total	**200**	**51**	**Source: Ground water/Surface water & treated water**

During Winter season:

Purpose	**Fresh water requirement (KLD)**	**Treated/recycled water (KLD)**	**Remarks**
Mill Spray	120	45	45 KLD water is recycled from the cooling process and re-used in mill spray
Cooling water	50	--	Cooling system in closed loop (Makeup water 5 KLD, 45 KLD is being recirculated)
Drinking & Domestic Utility	15	--	Domestic Wastewater generated (7 KLD) will be treated in STP (10 KLD) and treated water (6 KLD) will be used for development of Greenbelt & Plantation.
Green Belt Development & Plantation	6	6	
Total	**191**	**51**	**Source: Ground water/Surface water & treated water**

During monsoon season:

Purpose	**Fresh water requirement (KLD)**	**Treated/recycled water (KLD)**	**Remarks**
Mill Spray	120	45	45 KLD water is recycled from the cooling process and re-used in mill spray
Cooling water	50	--	Cooling system in closed loop (Makeup water 5 KLD, 45 KLD is being recirculated)
Drinking & Domestic Utility	15	--	Domestic Wastewater generated (7 KLD) will be treated in STP (10 KLD) and treated water (6 KLD) will be used for development of Greenbelt & Plantation.
Green Belt Development & Plantation	--	6	
Total	**185**	**51**	**Source: Ground water/Surface water & treated water**

11.	Details of utilization of treated wastewater into green area in summer, winter and rainy season:	Out of 7 KLD domestic wastewater, 6 KLD of treated wastewater received from the outlet of the STP shall be utilized for greenbelt area in summer, winter and rainy season.
12.	**Cumulative Details:** **During Summer Season:** The total water requirement of the project shall be 251 KLD out of which, 200 KLD shall be fresh water requirement and 51 KLD shall be recycled water requirement. Out of 200 KLD of fresh water requirement, 120 KlD shall be utilized for mill spray, 50 KLD shall be utilized for cooling water makeup, 15 KLD for drinking and domestic purpose, 15 KLD for green belt development. Further, out of 51 KLD of recycled/treated water requirement, 45 KLD shall be met for mill spray and remaining 6 KLD shall be utilized for green belt development and plantation. The domestic effluent of 7 KLD shall be generated which would be treated in the STP of capacity 10 KLD based on MBBR Technology. The treated wastewater of 6 KLD shall be utilized for green area development. Further, 45 KLD generated as cooling tower blowdown will be recycled back in the process and RO reject @ 2 KLD will be utilized for dust suppression.	

During Winter Season:

The total water requirement of the project shall be 242 KLD out of which, 191KLD shall be fresh water requirement and 51 KLD shall be recycled water requirement. Out of 191 KLD of fresh water requirement, 120 KLD shall be utilized for mill spray, 50 KLD shall be utilized for cooling water makeup, 15 KLD for drinking and domestic purpose, 6 KLD for green belt development. Further, out of 51 KLD of recycled/treated water requirement, 45 KLD shall be met for mill spray and remaining 6 KLD shall be utilized for green belt development and plantation.

The domestic effluent of 7 KLD shall be generated which would be treated in the STP of capacity 10 KLD based on MBBR Technology. The treated wastewater of 6 KLD shall be utilized for green area development. Further, 45 KLD generated as cooling tower blowdown will be recycled back in the process and RO reject @ 2 KLD will be utilized for dust suppression.

During Monsoon Season:

The total water requirement of the project shall be 236 KLD out of which, 185 KLD shall be fresh water requirement and 51 KLD shall be recycled water requirement. Out of 185 KLD of fresh water requirement, 120 KLD shall be utilized for mill spray , 50 KLD shall be utilized for cooling water makeup and 15 KLD for drinking and domestic purpose. Further, out of 51 KLD of recycled/treated water requirement, 45 KLD shall be met for mill spray and remaining 6 KLD shall be utilized for green belt development and plantation.

The domestic effluent of 7 KLD shall be generated which would be treated in the STP of capacity 10 KLD based on MBBR Technology. The treated wastewater of 6 KLD shall be utilized for green area development. Further, 45 KLD generated as cooling tower blowdown will be recycled back in the process and RO reject @ 2 KLD will be utilized for dust suppression.

13. Rain water harvesting proposal:

Rainwater harvesting will be implemented to reduce reliance on groundwater and ensuring that industrial operations do not adversely affect the groundwater regime. M/s JK Cement Works, Bathinda proposes water reservoir inside the premises to store the rainwater through storm water line and reuse the stored water within the plant.

Particulars	Area in sq. meter	Annual Rainfall (m)	Runoff coefficient	Peak Hour rain fall (m)	Peak rainfall for duration (min)	Annual Average Runoff (m^3)	Peak Hourly Runoff (m^3)
Rooftop area	35500	0.57	0.85	0.025	15	17199.75	188.59
Road/Paved area	42500	0.57	0.65	0.025	15	15746.25	172.66
Open area	122900	0.57	0.30	0.025	15	21015.9	230.44
Green area	67000	0.57	0.20	0.025	15	7638	83.75
Total						**61599.90**	**675.44**

Peak rainfall collected will be 675.44 m^3, against which the tank of 4175 m^3 capacity has been provided, the details are given below-

Details of Storage Reservoir

Parameter	Units	Value
Length	M	41.75
Width	M	40
Depth	M	2.5
Surface area	m^2	1670
Volume per filling	m^3	4175
Number of Reservoir	–	1

The stored water will be reuse for suitable non-potable plant requirements including greenbelt development, dust suppression and other appropriate uses. The reservoir system will be concreted in bottom so no recharge will be done and also include appropriate provisions such as silt traps, settling arrangements, inlet structures and an overflow arrangement

14. Solid waste generation & its management (Mechanical Composter/Compost pits)

Particular	Type of waste	Waste	Quantity	Unit
STP	Solid Waste	STP Sludge	8 to 10	TPA
Packing Plant	Plastic Waste	Plastic bags and packaging materials	3 to 5	TPA
Domestic & Household	Dry	Municipal Solid Waste	35	TPA
Office	--	E-waste	1	TPA

Devices	--	Battery	0.5	TPA

15. Hazardous/Non-Hazardous Waste Generation details & their storage, utilization, and disposal.

Sr. no.	Type of waste	Waste category	Quantity	Source	Treatment/ Disposal Plan	Responsibility	Timeline
1.	Used Oil /Spent oil	Sch. I, Cat. - 5.1	~7.5 KL / Annum	Maintenance activities	Stored in designated containers and disposed of through authorized recyclers	Maintenance Team	As and when generated and as per CPCB guidelines
2.	Waste/ Residue containing oil	Sch. I, Cat. - 5.2 & 33.2	~1.6 KL/ Annum	Maintenance activities	Stored in designated containers and disposed of through authorized recyclers	Maintenance Team	As and when generated and as per CPCB guidelines
3.	Empty barrels	Sch. I, Cat. - 33.1	~ 1Tonne/ Annum	Workshop / Laboratory, WTP/STP	Cleaned properly and sent to authorized recyclers	Maintenance Team	As and when generated and as per CPCB guidelines
4.	Contaminated cotton rags	Sch. I, Cat. - 5.2 & 33.2	1.2 Tonnes/ Annum	Maintenance activities	Collected separately and disposed of through authorized hazardous waste handlers	Maintenance & Store Team	As and when generated and as per CPCB guidelines
5.	Used Lead acid batteries	--	~0.5 TPA	DG sets, vehicles, electrical equipment	Will be stored in the designated storage area and will return to manufacturers/ and Battery Waste Management Rules 2020.	Maintenance & Store Team	As and when generated.

16. Energy requirements & savings

S. No.	**Description**	**Capacity (TPA)**	**Working Days**	**TPD**	**Running Hours**	**TPH**	**kWh / Ton**	**kW/ hr**	**kWh / Tonne of Cement**
1	Cement Mill	3000000	365	8219	19.11	430	22-24	9460-10320	22-24
2	Packing Plant & Bulk Loading	3000000	365	8219	11.42	3x240	2.0	3x1440	2.0
3	Plant Lighting & Miscellaneous	-	365	-	-	-	4.0	1320	4.0
Total		**3000000**	**365**	**8219**	**-**	**-**	**28-30**	**13500**	**28-30**

Energy Saving Measures:

The following measures will be adopted to further reduce specific energy consumption in the plant:

		- Regular energy audits will be conducted to identify and implement energy saving opportunities. - Start/stop timings and interlocking of equipment will be optimized to avoid unnecessary power consumption. - Medium Voltage Drives (MVDs) will be used for process fans to optimize operation and reduce energy use. - Energy-efficient equipment will be selected during the plant design stage. - Automatic Power Factor Control (APFC) panels will be installed for HT and LT systems to maintain a high-power factor. - LED lighting and low-wattage lamps will be used in offices. - Idle running of vehicles, machines and electrical equipment will be minimized. - Preventive maintenance and proper lubrication will be carried out regularly to ensure efficient operation. - Compressed air leakages will be prevented through periodic inspection and maintenance. - Solar-based LED lights will be installed in plant areas. - Natural daylight will be utilized through light pipes and transparent roofing sheets in workshops, stores, and yards. - Energy-efficient motors of optimum capacity will be used. - Variable Frequency Drives (VFDs) will be installed for auxiliary fans and other suitable equipment. - Efficient bag diverters will be used in the packing plant to reduce energy consumption. - Training and awareness programs will be conducted to promote energy conservation among employees.

7) As per the undertaking submitted by the project proponent, the proposal neither requires approval/clearance under the Forest (Conservation) Act, 1980 nor under the Wildlife (Protection) Act, 1972. Also, no litigation is pending in respect of the land on which the project is to be developed.

8) The SEAC, constituted under the provision of the EIA Notification, 2006 and comprising of Experts Members/domain experts in various fields, has examined the proposal submitted by the project proponent in desired form along with the EMP report prepared and submitted by the Consultant accredited by the QCI/NABET on behalf of the project proponent in its 372nd meeting held on 26.08.2026 & 375th meeting held on 11.09.2026.

9) After detailed deliberations, the Committee unanimously decided to forward the case to SEIAA with the recommendations to grant Environmental Clearance to the Standalone Clinker Grinding Unit with cement production capacity of 3 MTPA located at Village- Maiser Khana, Tehsil-Maur, District-Bathinda, State-Punjab by M/s J K Cement Limited subject to the suitable conditions for such type of projects and following special conditions.

10) The case was considered by the SEIAA in its 362nd meeting held on 30.09.2026. After detailed deliberations, SEIAA decided to accept the unanimous recommendations of SEAC to grant Environmental Clearance to the Standalone Clinker Grinding Unit with cement production capacity of 3 MTPA located at Village- Maiser Khana, Tehsil-Maur, District-Bathinda, State-Punjab by M/s J K Cement Limited, subject to the standard conditions along with special conditions as imposed by SEAC and other additional/amended conditions by SEIAA.

11) Accordingly, SEIAA, Punjab hereby accords Environmental Clearance to the aforesaid project under the provisions of EIA Notification dated 14.09.2006 and its subsequent amendments subject to proposed measures and strict compliance with terms and conditions as per **Annexure-1**.

12) The SEIAA reserves the right to stipulate additional conditions if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time-bound manner. SEIAA may revoke or suspend the environmental clearance if the implementation of any of the above conditions is not found to be satisfactory.

13) Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of the Environment (Protection) Act, 1986.

14) Any appeal against this environmental clearance shall lie with the National Green Tribunal, if preferred, within 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

15) The above conditions will be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, the Hazardous Waste (Management, Handling and Transboundary Movement) Rules, 2016, the Public Liability

Insurance Act, 1991 read with subsequent amendments therein and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

16) This issues with the approval of the Competent Authority.

Copy To

1. The Secretary, Ministry of Environment Forest and Climate Change, Paryavaran Bhawan Cgo Complex Lodhi Road New Delhi, New Delhi, Delhi, secy-moef@nic.in
2. The Secretary, Department of Science Technology & Environment Government of Punjab, Mini Secretariat Sector-9 Chandigarh, Chandigarh, Chandigarh, secy.te@punjab.gov.in
3. The Secretary, Punjab Water Regulation and Development Authority, Sco 149-152 Sector 17-C Chandigarh, Chandigarh, Chandigarh, asmiglani.pwrda@punjab.gov.in
4. The Regional Officer, Ministry of Environment Forest and Climate Change Integrated Regional Office, Bays No. 24-25 Sector 31-A Dakshin Marg Chandigarh, Chandigarh, Chandigarh, ronz.chd-mef@nic.in
5. The Member Secretary, CPCB, Parivesh Bhawan East Arjun Nagar Delhi, New Delhi, Delhi, mscb.cpcb@nic.in
6. The Member Secretary, SPCB/PCC, Vatavaran Bhawan Nabha Road Patiala 147001, Patiala, Punjab, msppcb@gmail.com
7. The Member Secretary, State Expert Appraisal Committee Punjab, Mgsipa Complex Sector-26 Chandigarh, Chandigarh, Chandigarh, seacpb2024@gmail.com
8. The District Collector, DC Office, Deputy Commissioner Office Bathinda, Bathinda, Punjab, dc.btd@punjab.gov.in
9. The Chief Town Planner, Department of Town & Country Planning, 6th Floor Puda Bhawan Phase-8 Mohali, S.A.S Nagar, Punjab, ctppunjab@gmail.com
10. The Monitoring Cell MoEFCC, Compliance & Monitoring Division, Indira Paryavaran Bhawan Jor Bagh Road New Delhi, New Delhi, Delhi, monitoring-ec@nic.in

Annexure 1

Specific EC Conditions for (Cement Plants)

1. Special Conditions

S. No	EC Conditions
1.1	The industry shall maintain the link road properly, deploy a suitable road-cleaning machine for regular cleaning, and ensure adequate greenery/plantation along both sides of the link road.
1.2	The industry shall maintain the prescribed minimum distances from all surrounding physical features in accordance with the statutory guidelines, office circulars, and notifications issued by the Punjab Pollution Control Board (PPCB) from time to time.
1.3	The industry shall develop and maintain a minimum 15m green buffer zone all along the plant boundary. The greenbelt shall comprise multi-tier plantations of native broad-leaved evergreen tree species with high dust attenuation capacity, in accordance with prevalent guidelines issued by MoEF&CC/CPCB/PPCB etc. to effectively mitigate fugitive dust emissions and improve ambient air quality.
1.4	The industry shall constitute a Joint Village Monitoring Committee under the guidance of District Magistrate comprising representatives from the two nearest affected villages. The Committee shall oversee, supervise, and periodically audit the implementation of the Environment Management Plan (EMP), including the utilization and expenditure of EMP funds, to ensure transparency,

S. No	EC Conditions
	accountability, and effective environmental management.
1.5	The industry shall install high-efficiency Baghouse/Bag Filters on cement mills, bucket elevators, silo vents, packing machines, and other relevant emission sources. The filtration systems shall achieve a particulate capture efficiency of not less than 99%.
1.6	The industry shall provide covered and enclosed conveyor systems for transportation of clinker, gypsum, fly ash, and other dusty materials. All storage facilities for clinker, cement, and fly ash shall be in enclosed silos equipped with appropriate vent filters.
1.7	The industry shall install and operate ambient air quality monitoring stations at the plant boundary in accordance with CPCB guidelines and prescribed monitoring protocols. Monitoring data shall be maintained and made available to regulatory authorities as and when required.
1.8	The industry shall maintain detailed logbooks and records pertaining to the operation and maintenance of pollution control systems, including bag filter pressure differentials, bag replacement schedules, water sprinkling operations, and other dust control measures.
1.9	The industry shall maintain good housekeeping practices throughout the plant premises, including regular inspection and maintenance of pollution control equipment, prompt clean-up of spillages, and environmentally sound collection, handling, recycling, or disposal of dust and other waste materials generated during operations.
1.10	The industry shall install tyre washer at all entry and exit points of the unit with suitable recirculation arrangement and treatment facility.
1.11	The industry shall keep the technical specification of Air to cloth ratio as 1.0 in all the Air Pollution Control Devices to be installed as bag filter houses with all the dust emitting points.
1.12	The Industry shall meticulously implement the Wildlife Action Plan. The Industry shall ensure timely implementation of all proposed conservation and mitigation measures and maintain proper records of the activities undertaken in this regard.
1.13	The Industry shall ensure the proper operation and lifetime maintenance of the water sprinklers provided for dust suppression and shall ensure their regular inspection, repair, and replacement, as and when required.
1.14	The Industry shall maintain and preserve the designated green area/greenbelt within the project premises in perpetuity. The designated green area shall be used exclusively for greenbelt development, plantation, landscaping and associated environmental protection measures and shall not be utilized for any other purpose, including construction, parking, storage, or any other activity, at any stage in the future.
1.15	The Industry shall provide an adequately sized rainwater collection/storage tank within the project premises for collection and storage of rooftop and surface runoff generated during rainfall.
1.16	The Industry shall establish the dedicated Environmental Cell with adequate qualified manpower i.e. (Two Environment & Waste Management Officers, possessing M.Sc./M.Tech./M.E. qualification in Environmental Science/ Environmental Engineering, One Horticulture/Green-Belt Expert possessing B.Sc./ M.Sc qualification in Horticulture/ Agriculture and One Sanitation & Sewerage

S. No	EC Conditions
	Expert possessing B.Sc./ M.Sc/ Engineering qualification in Public Health/ Environment) for implementation, monitoring and reporting of environmental safeguards to ensure compliance with the conditions stipulated in the Environmental Clearance and maintain records of environmental performance and non-compliances.
1.17	The Industry shall register the project as a Bulk Waste Generator (BWG) through the CPCB portal (https://swm.cpcb.gov.in/register) within a month of EC and shall maintain the requisite registration, compliance records and returns throughout the project life. The project shall comply with the applicable obligations of a BWG under the Solid Waste Management Rules, 2026.

2. Additional/amended Conditions:

S. No	EC Conditions
2.1	The project proponent shall remain responsible for compliance of all conditions stipulated in the Environmental Clearance and adherence to applicable environmental laws until the Environmental Clearance is transferred in the name of the transferee, as applicable. In such case both the parties shall approach the SEIAA with joint consent for transfer of Environmental Clearance
2.2	The amount allocated for EMP/AEA activities shall be maintained in a separate bank account by the project proponent. The project proponent shall submit periodic audited financial reports and outcomes achieved by utilization of funds reserved for implementation of EMP/AEA activities
2.3	Dedicated and regular Environmental Officer/Manager with requisite technical qualification (B.tech/Diploma in Civil/Chemical Tech/ Environmental Sciences) shall be deputed for continuous compliance of conditions of Environmental Clearance / activities and maintenance of record of the same
2.4	The project proponent shall make the project a "ZERO WASTE TO LANDFILL" and accordingly shall make an agreement with authorized recyclers for the management of dry waste as per Solid Waste Management Rules, 2026 and submit a copy of this agreement
2.5	The project proponent shall submit a copy of the agreement made with the authorized dumping site for disposing of the inert waste generated, after segregating the waste, into their landfill site
2.6	The project proponent shall obtain NOC/permission from PWRDA for abstraction of ground water, as applicable
2.7	The project proponent shall install anti-smog guns for the construction and demolition activities in the project, strictly in compliance with the CPCB and other relevant applicable norms
2.8	The project proponent shall maintain a register for logging the details of Medical/First-Aid camps/Health check-ups conducted at the project site during construction/operation phase
2.9	The green cover shall be maintained by the project proponent in perpetuity and shall not be utilized for any other purposes. Tree plantation activity involving saplings of minimum 6 ft. height, including Pit digging, manure filling, bamboo guards, watering & weeding along with the maintenance and replacement/beating up of dead saplings

S. No	EC Conditions
2.10	The project proponent shall maintain a dedicated register for keeping record of the number of trees planted and maintained, species-wise details, dates of plantation, survival status and shall keep the same available for inspection by the Competent Authority at all times
2.11	The project proponent shall ensure management of solid waste as per the Solid Waste Management Rules, 2026
2.12	The Project Proponent shall explore the feasibility of utilizing slag generated by industries within the State of Punjab, particularly from industries facing constraints in the disposal of slag, as an additional source of material, wherever technically suitable and permissible under the applicable statutory provisions, standards, and guidelines
2.13	The Project Proponent shall prepare and implement a comprehensive Process Safety Hazard Management Plan covering the handling, storage, and transportation of all raw materials
2.14	The Project Proponent shall implement adequate traffic management measures to ensure that project-related vehicles are not parked on village roads or public roads in a manner that causes obstruction to traffic, inconvenience to the public, or damage to the road infrastructure. The Project Proponent shall provide and maintain adequate on-site parking facilities within the project premises to accommodate all project-related vehicles and shall ensure that no overflow parking occurs outside the project area
2.15	The Project Proponent shall ensure that all waste batteries and used batteries generated during the construction and operational phases of the project are collected, stored, transported, and disposed of or recycled in scientific manner in accordance with the provisions of the Batteries (Management and Handling) Rules, as applicable, or the Battery Waste Management Rules, 2022, as amended from time to time
2.16	The Project Proponent shall ensure that the rejects generated from the bag filters are 100% recycled and reused within the project premises, and shall not be disposed of outside the project premises
2.17	The industry shall undertake a comprehensive assessment/audit of inhalation exposure to particulate matter arising from all manufacturing, storage, handling packaging, transfer and transportation of material, including the potential occupational health impacts/hazards on workers. The assessment/audit shall be carried out by an independent third-party agency after every six months
2.18	The Project Proponent shall develop and maintain a high quality nursery, within or outside the project area, in perpetuity, for propagation of elite germ plasm of agroforestry/native tree species for farmers to create green shelter belts in their agricultural fields and augmenting incomes of local farmers
2.19	For adequate trust building and prevent any conflict with local population and cementing a constructive partnership/responsive interface with communities, the project proponent shall engage services of some experienced social mobilisation personnel or sociology faculty of Bathinda Central University, for carrying out Participatory Rural Appraisal (PRA) for social and resource mapping and initiatives in mitigating problems of local communities, their hand-holding & empowerment through micro-saving self-help groups, inter-loaning & training for income generation activities, village waste management etc
2.20	The project proponent shall utilize treated sewage water sourced from nearby Sewage Treatment

S. No	EC Conditions
	Plants (STPs), including Maur/Kotfatta STPs or other non-potable permissible sources as per applicable rules. Fresh ground water shall only be used in the event of non-availability of treated waste water
2.21	The hazardous waste / solid waste / slag, if any, shall be disposed of scientifically, in accordance with the applicable statutory provisions/rules, to the authorized recycler only

Standard EC Conditions for (Cement plants)

1. Statutory Compliance

S. No	EC Conditions
1.1	The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project
1.2	The project proponent shall obtain clearance from the National Board for Wildlife, if applicable
1.3	The project proponent shall prepare a Site-Specific Conservation Plan &Wildlife Management Plan and approved by the Chief Warden. The recommendations of the approved Site-Specific Conservation Plan/Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of schedule-I Species in the study area)
1.4	The project proponent shall obtain consent to Operate (CTO) under the provisions of Air (Prevention& Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 form the concerned State pollution Control Board/Committee
1.5	The Project proponent shall obtain the necessary permission form the Central Ground water authority, in case of drawl of ground water/ from the competent authority concerned in case of drawl of surface water required for the project
1.6	The project proponent shall obtain authorization under the Hazardous and other Waste management Rules, 2016 as amended from time to time

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 with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement and subsequent amendment dated 9th May, 2016 (Cement_ and connected to SPCB and CPCB online servers and calibrate these system form time to time according to equipment supplier specification through labs recognised under Environment (Protection)Act, 1986 or NABL accredited laboratories
2.2	The project proponent shall monitor fugitive emission in the plant premises at least once in every quarter through labs recognised under Environment (Protection) Act, 1986

S. No	EC Conditions
2.3	The Project proponent shall install system carryout to Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM_{10} and $PM_{2.5}$ in reference to PM emission, and SO_2 and NO_x in reference to SO_2 and NO_x) 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. (case to case basis small plants: Manual; Large plants: Continuous)
2.4	The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality /fugitive emissions to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report
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 mechanised bag cleaning facilities for better maintenance of bags
2.7	Pollution control system in the cement plant shall be provided as per the CREP Guidelines of CPCB
2.8	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly
2.9	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash
2.10	Provide wind shelter fence and chemical spraying on the raw material stock piles
2.11	Have separate truck parking area and monitor vehicular emissions at regular interval
2.12	Efforts shall be made to reduce impact of the transport of the raw materials and end products on the surrounding environment including agricultural land by the use of covered conveyor belts/railways as mode of transport
2.13	Ventilation system shall be designed for adequate air changes as per ACGIH document for all tunnels, motor houses, cement bagging plants

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The project proponent shall install effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R. No. 612 (E) dated 25th August, 2014 (Cement) and subsequent amendment dated 9th May, 2016 (Cement) and connected to SPCB online servers and calibrate this system from time to time according to equipment supplier specification through labs recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous)

S. No	EC Conditions
3.2	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 plat and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories
3.3	The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report
3.4	Adhere to 'Zero Liquid Discharge'
3.5	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards
3.6	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
3.7	The project proponent shall practice rainwater harvesting to maximum possible extent
3.8	Water meters shall be provided at the inlet to all unit processes in the cement plant
3.9	The project proponent shall make efforts to minimise water consumption in the cement plant complex by segregation of used water, practicing cascade use and by recycling treated water

4. Noise Monitoring And Prevention

S. No	EC Conditions
4.1	Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report
4.2	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

5. Energy Conservation Measures

S. No	EC Conditions
5.1	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
5.2	Provide the project proponent for LED lights in their offices and residential areas
5.3	Maximize utilization of fly ash, slag and sweetener in cement blend as per BIS standards

6. Waste Management

S. No	EC Conditions
6.1	The waste oil, grease and other hazardous shall be disposed of as per the Hazardous & other waste (Management & Transboundary Movement) Rules, 2016
6.2	Kitchen waste shall be composted or converted to biogas for further use. (to be decided on case to case basis depending on type and size of plant)

7. Green Belt

S. No	EC Conditions
7.1	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
7.2	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation
7.3	The PP will plant 16750 saplings (new plantation + gap filling of moralities in old plantations) of indigenous tree species (Neem, Siris, Sheesham, Pipal, Arjun, Jamun, Chakrassia, Drek & Beal etc) of minimum 8 feet height and healthy woody stem. The plantation will commence at the earliest and be completed within 18 months from the date of grant of EC

8. Public Hearing And Human Health Issues

S. No	EC Conditions
8.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented
8.2	The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act
8.3	Provision shall be made for the housing on 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
8.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act

9. Environment Management

S. No	EC Conditions
9.1	The company shall have a well-laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violations of the environmental / forest/wildlife norms/conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms /

<table>
<tr><th>S. No</th><th>EC Conditions</th></tr>
<tr><td></td><td>conditions and / or shareholders / stakeholders. A copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of the six-monthly report</td></tr>
<tr><td>9.2</td><td>A separate Environmental Cell both at the project and company headquarters level, with qualified personnel shall be set up under the control of senior Executive, who will report directly to the head of the organization</td></tr>
<tr><td>9.3</td><td>Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and will not be diverted for any other purpose. The details of the amount to be spent on the various environmental activities proposed in environmental plan, Corporate Environment Responsibility and additional environmental activities are given in the tables given below:
Environmental Management Plan
Part-A
<table>
<tr><th>Sr. No.</th><th>Environmental Components</th><th>Activity to be monitored</th><th>Budgetary Provision – Capital Cost (Crores)</th><th>Recurring Cost (in lakhs)</th></tr>
<tr><td>1</td><td>Air Pollution Control</td><td>Installation of APCES
Installation of OCEMS
Installation of online AAQMS
Construction of Storage facilities, Covered roads and Covered Conveyor Belt
Anti smog gun
Wheel washing system
Water sprinkler system around project periphery
Greenbelt & Plantation
Sweeping Machine
Installation of Piezometer at borewells</td><td>32.0</td><td>25</td></tr>
<tr><td>2</td><td>Water Pollution Control & Water Management</td><td>Installation of 10 KLD capacity STP
Installation of Water flow meter</td><td>3.0</td><td>10</td></tr>
<tr><td>3</td><td>Noise Pollution Control</td><td>Construction of Closed Buildings for D.G. Set Compressors
Purchasing of Noise level monitoring equipment</td><td>0.20</td><td>1</td></tr>
<tr><td>4</td><td>Occupation Health & Safety</td><td>Appropriate Personal Protective equipments, safety equipments etc.
Periodic health checkups of the employees and workers.</td><td>0.20</td><td>4</td></tr>
</table>
</td></tr>
</table>

S. No	EC Conditions						
	5	Environmental Monitoring	Air, water (Ground and surface water), Noise, Soil. Waste management (segregation, collection and disposal).	0.60			5
	6	Waste Management	Separate storage area, handling and selling to authorized recycler/vendor Organic waste converter	0.50			5
	7	Rainwater Harvesting	Construction and maintenance of water reservoir. Construction of Drainage System.	2.00			5
	8	Energy conservation measures	Installed LED Lights at admin building and streetlights inside the plant premises. (50% more efficient)	0.20			5
	9	Activities proposed for socio-economic development of local areas	Action plan with budget and time frame for each activity for development of socio-economic infrastructure	5.00			--
	10	Wildlife Conservation	Implementation of Wildlife Conservation Plan.	0.70			--
	Total			44.4			60
	Part-B CER Activities Detail Budget						
	S.No	Activity	Place	Total Cost (In Rs)	1st Year (In Rs)	2nd Year (In Rs)	3rd Year (In Rs)	Tangible outcome
	1	Installation of street light	Village-Maiserkhana & Yatri	1000000	302000	332000	366000	Total 45 streetlight (15 poles each year)
	2	Maintenance of existing Solar / other street lights	Village-Maiserkhana	100000	31000	34000	35000	10 % Maintainence cost for 45 streetlight
	3	Cemented Seating benches at different public places: 1. Bus Stand 2. Park 3. Dispensary etc.	Village-Maiserkhana & Yatri	1000000	300000	320000	380000	Total 153 benches (51 benches each year)
	4	Maintenance of existing water	Village-Maiserkhana & Yatri	135000	43000	45000	47000	Maintainence of 12 water purification

S. No	EC Conditions						
		purifying systems provided by govt.					
	5	Distribution of below items in nearby schools as per requirements - Fans, Acs, Furnitures Light fittings, Water cooler with RO Lab Items etc	Village-Maiserkhana & Yatri	1000000	300000	340000	360000	Fans, Acs, Furnitures, Light fittings, Water cooler with RO and Lab Items will be provided in 3 schools of Maiser Khana & 1 school of Yatri
	6	Development of Smart Class in nearby govt. schools	Village-Maiserkhana & Yatri	1000000	302000	332000	366000	Development of Smart Class in 3 schools of Maiser Khana & 1 school of Yatri
	7	Maintenance or construction of toilets and minor civil works (painting) in public places (temples, bus stand, Gurudwara, Panchayat office, dharamshala) or nearby schools	Village-Maiserkhana & Yatri	135000	42000	45000	48000	Maintainence of toilets in public places (temples, bus stand, Gurudwara, Panchayat office, dharamshala) or nearby schools
	8	Maintenance of veterinary hospital (like minor civil works, painting, etc.)	Village-Maiserkhana	135000	45000	45000	45000	Maintainence of veterinary hospital mainly minor civil works, painting
	9	Maintenance or construction works at Govt. dispensary	Village-Maiserkhana	135000	45000	45000	45000	Maintainence of Govt. dispensary mainly minor civil works, painting

S. No	EC Conditions						
		(like minor civil works, painting, etc.)					
	10	Construction and repair of village roads / street	Village-Maiserkhana & Yatri	1000000	350000	370000	280000	Filling potholes, crack sealing, and localized bituminous patching on existing roads
	11	Construction of Toilet and installation of water cooler with RO in The Co-operative Society / Panchayat samiti	Village-Maiserkhana	1000000	302000	337000	361000	Construction of Toilet and installation of water cooler with RO
	12	Distribution of agriculture equioments, dewatering pumps and cemented benches to The Co-operative Society / Panchayat samiti	Village-Maiserkhana	1000000	302000	317000	381000	one set of Straw Chopper / Super Seeder / Mulcher, Tractor-Driven / Diesel Engine Pump Set and Heavy-Duty 4-Seater / Wood-Look RCC Bench total costing Rs 1.5 lakh per year to two cooperative society
	13	Maintenance, construction and cleaning of drains	Village-Maiserkhana & Yatri	1000000	302000	320000	378000	2 Km drain construction and cleaning and maintainence at two villages
	14	Cleaning of Ponds (Black Water Sewage Pond)	Village-Maiserkhana & Yatri	7955000	2500000	3200000	2255000	Cleaning of 130 acres of village ponds
	15	Light arrangements in railway underpasses nearby plant.	Village-Maiserkhana	135000	45000	45000	45000	Three solar poles at railway under pass near proposed plant
	16	Plantation and its maintenance	Village-Maiserkhana & Yatri	1000000	300000	333000	367000	2000 tree sapling plantation at nearby public

S. No	EC Conditions						
		at nearby public places.					places
	17	Distribution / installation of tree guards	Village-Maiserkhana & Yatri	1000000	302000	335000	363000	2000 Light Mild Steel (MS) tree guard
	18	Minor civil maintenance of nearby water works	Village-Maiserkhana & Yatri	135000	43000	45000	47000	Minor civil maintenance like wall repair, plaster and paint etc at water works costing
	19	Maintenance, development of new/ existing sports grounds	Village-Maiserkhana & Yatri	135000	43000	44000	48000	Minor maintenance like land levelling;boundary wall repair etc of development of new/ existing sports grounds costing Rs 45K.
	20	Distribution of sport kits to the sports clubs	Village-Maiserkhana & Yatri	1000000	300000	330000	370000	Distribution of 10 Professional Match Kit (English Willow Bat + Pro Protection)
	21	Maintenance / development of open gym.	Village-Maiserkhana & Yatri	1000000	302000	310000	388000	Estrablishment & maintenance of Medium Community Park Gym (8–12 Stations) one in each village
	22	Maintenance / development of library	Village-Maiserkhana & Yatri	1000000	350000	310000	340000	Eastabhment of one Village / Small Rural Youth Library (10–20 Seating Capacity) in each village
	23	Distribution of fertilisers / seeds to farmers	Village-Maiserkhana & Yatri	1000000	302000	332000	366000	10,000 Kg wheat improved seeds and 25,000 Kg Bio-Compost / Organic Vermicompost distribution
	24	Awareness camp for farmers for	Village-Maiserkhana & Yatri	1000000	302000	332200	365800	one camp each year involving farmers of

S. No	EC Conditions					
		encouraging organic farming, less usage of fertilisers in consultation with KVK (Krishi Vigyan Kendra-Bathinda)				maiserkhana and yatri
	25	Providing support to farmers in organic farming and drip irrigation system	Village-Maiserkhana & Yatri	1000000	302000	332200	365800	Drip irrigation of 4 acres crop land costing Rs 80k per acres each year
	26	Awareness camp for women related health issues.	Village-Maiserkhana & Yatri	1000000	302000	332000	366000	one camp each year involving womens of maiserkhana and yatri
	27	Distribution of sanitary Pads / iron & calcium medicines during awareness camps	Village-Maiserkhana & Yatri	2000000	780000	858000	362000	Distribution of 1700 Branded Chemist/Retail Kit involving {Sanitary Napkins Whisper / Stayfree / Sofy (XL - 6 to 8 pads); Iron & Folic Acid Supplements Dexorange / Autrin / Orofer (10–15 tablets or syrup); Calcium + Vitamin D3 Shelcal 500 / CIPCAL 500 (10–15 tablets)}
	28	Low cost cooking, tailoring, etc classes for interested women	Village-Maiserkhana & Yatri	1000000	312000	343000	345000	At least 66 benificiary in cooking and tailoring trades each.
	29	Awareness camp on drug addiction	Village-Maiserkhana & Yatri	1000000	302000	332000	366000	two camps in each village per year regarding drug

S. No	EC Conditions						
							addiction
	30	Mobile health/ medical checkup camp on regular intervals	Village-Maiserkhana & Yatri	1000000	335000	296000	369000	two camps in each village per year regarding health checkup, and 27X7 on demand mobile health Van availability.
	31	Awareness camp on HIV	Village-Maiserkhana & Yatri	1000000	310000	340000	350000	two camps in each village per year regarding HIV awareness
	32	Distribution of EV vehicle for waste collection	Village-Maiserkhana & Yatri	1000000	335000	296000	369000	One Heavy Duty 4-Wheeler Electric Garbage Tipper for both villages
	33	Awareness camp on Road safety for adults	Village-Maiserkhana & Yatri	1000000	315000	330000	355000	two camps in each village per year regarding Road safety for adults
	34	Awareness camp on Environment management for adults	Village-Maiserkhana & Yatri	1000000	300000	315000	385000	two camps in each village per year regarding Environment management for adults
	35	Awareness camp on waste management for adults	Village-Maiserkhana & Yatri	1000000	320000	335000	345000	two camps in each village per year regarding waste management for adults
	36	Awareness camp on Road safety for School kids	Village-Maiserkhana & Yatri	1000000	340000	315000	345000	two camps in each village per year regarding Road safety for School kids
	37	Awareness camp on Environment management for School kids	Village-Maiserkhana & Yatri	1000000	350000	330000	320000	two camps in each village per year regarding Environment management for School kids
	38	Awareness camp on waste management for school kids	Village-Maiserkhana & Yatri	1000000	400000	300000	300000	two camps in each village per year regarding waste management for school kids
	39	Solar CCTV	Village-	1000000	400000	370000	230000	Installation of 20

S. No	EC Conditions						
		installation at nearby schools	Maiserkhana & Yatri				Dual-Lens / Triple-Screen 4G Solar Camera each year at nearby schools.
	40	Awareness camp on crop residue management (Parali Prabandhan)	Village-Maiserkhana & Yatri	1000000	400000	320000	280000	two camps in each village per year regarding crop residue management (Parali Prabandhan)
	41	Digitalisation of Gram panchayat - development of sewa kendra	Village-Maiserkhana & Yatri	1000000	350000	380000	270000	One sewa kendra development in each village
	42	Fire tractor tanker (Common for both villages)	Village-Maiserkhana & Yatri	1000000	450000	350000	200000	One Complete Package (Tractor + Fire Tanker Unit) for both village
	43	Distribution of Sewing machines	Village-Maiserkhana & Yatri	1000000	400000	380000	220000	13 Usha Craft Master Deluxe machines will be distributed to best trainees each year
	44	Distribution of wheelchairs	Village-Maiserkhana & Yatri	1000000	420000	300000	280000	Distribution of 150 Basic Manual Folding Wheelchair
	45	Distribution of cycles to scholars (10th & 12)	Village-Maiserkhana & Yatri	1000000	410000	350000	240000	Distribution of 285 Standard / Commuter Cycles to scholars
	46	Distribution of hearing aids	Village-Maiserkhana & Yatri	1000000	350000	300000	350000	Distribution of 66 hearing aids -BTE (Behind-The-Ear)
	47	Upgradation of nearby ITI institute (Govt institute only)	Bathinda	1000000	450000	300000	250000	basic infrastructural utilities
	48	Distribution of Fog machines	Village-Maiserkhana & Yatri	1000000	400000	380000	220000	Distribution of Fog machines- 55 Portable Petrol Thermal Fogger
	49	Special awareness	Village-Maiserkhana	1000000	340000	315000	345000	two camps in each village per year

S. No	EC Conditions
	camps for Deaf and dumps & Yatri regarding for Deaf and dumps Total CER Budget 50000000 16828000 17297400 15874600 The entire cost of the Environmental Management Plan (EMP) will continue to be borne by the project proponent for the lifetime of the project. Year-wise progress of implementation of the action plan shall be reported to the Regional Office, MoEF&CC/ SEIAA along with the six-monthly compliance report. The project proponent shall also submit physical/financial progress along with utilization certificates and documentary evidence (including photographs and short video clips) of the works undertaken in lieu of the additional environmental activities by the project proponent in all the subsequent six-monthly compliance reports till the completion of these activities.

10. Miscellaneous

S. No	EC Conditions
10.1	The Environmental Clearance will be valid for a period of ten years from the date of its issue as per MoEF&CC, GoI Notification no. S.O 1708E dated 12.04.2022 or till the completion of the project, whichever is earlier
10.2	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
10.3	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
10.4	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
10.5	The project proponent shall monitor the criteria pollutants level namely; PM_{10}, SO_2, NO_x (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
10.6	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
10.7	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,

S. No	EC Conditions
	1986, as amended subsequently and put on the website of the company
10.8	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
10.9	The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State government
10.10	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
10.11	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)
10.12	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
10.13	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory
10.14	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions
10.15	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 date/ information/ monitoring reports
10.16	The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other order passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter
10.17	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

Signature Not Verified

Digitally Signed by : Smt Geetika Singh
Member Secretary, SEIAA

Date: 19/10/2026