



**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
**(Issued by the State Environment Impact Assessment**  
**Authority(SEIAA), JHARKHAND)**

To,

The -1

SHRESTH STEEL & ENERGY LLP

Plot -57/C, Barhi Industrial Area, Barhi, Jharkhand -825405

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/JH/IND1/444539/2023 dated 18 Sep 2023. The particulars of the environmental clearance granted to the project are as below.

- |  |  |
|--|--|
| 1. EC Identification No.                   | <b>EC23B008JH183892</b>  |
| 2. File No.                                | SEIAA/2023-24/2739/2023  |
| 3. Project Type                            | Expansion  |
| 4. Category                                | B  |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous)  |
| 6. Name of Project                         | Enhancement of MS Billet production from 28800TPA to 118800TPA through 3x12T Induction Furnaces (by existing 1x12T Furnace & installing additional 2x12T Furnaces along with CCM-1x2strand, Rad- 4/7), Slag Crusher from 3600 TPA to 30000 TPA capacity and production of 117600TPA TMT Bars & Rolled Products by installing Rolling Mill of 1x20TPH Capacity at Plot No. 57/C, Barhi Industrial Area, Village: Konra, P.S.: Barhi, District: Hazaribagh, Jharkhand. |
| 7. Name of Company/Organization            | SHRESTH STEEL & ENERGY LLP   |
| 8. Location of Project                     | JHARKHAND  |
| 9. TOR Date                                | N/A  |

The project details along with terms and conditions are appended herewith from page no 2 onwards.

Date: 11/10/2023

(e-signed)  
**Ashok Kumar, IFS**  
**Member Secretary**  
**SEIAA - (JHARKHAND)**

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

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**State Level Environment Impact Assessment Authority, Jharkhand.**

Nursery Complex, Near Dhurwa Bus Stand, Dhurwa, Ranchi, Jharkhand-834 004.

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Letter No.- EC/SEIAA/2022-23/2739/2023/

Ranchi, Date:

To: **M/s Shresth Steel & Energy LLP,**  
**Plot No. : 57/C, Barhi Industrial Area,**  
**Village : Konra, P.S. : Barhi,**  
**District – Hazaribagh - 825405, (Jharkhand).**

**Sub.:** Environmental Clearance for the project “Enhancement of MS Billet production from 28800 TPA to 118800 TPA through 3x12 T Induction Furnaces (by existing 1x12 T Furnace & installing additional 2x12 T Furnaces along with CCM – 1x2 Strand, Rad – 4/7), Slag Crusher from 3600 TPA to 30000 TPA capacity and production of 117600 TPA TMT Bars & Rolled Products by installing Rolling Mill of 1x20TPH Capacity by M/s Shresth Steel & Energy LLP at Plot no. 57/C, Barhi Industrial Area, Village : Konra, P.S. : Barhi, Distt. : Hazaribagh, Jharkhand” (Proposal No. : SIA/JH/IND1/444539/2023) – regarding.

**Ref:** Your application no. Nil, dated - 15.09.2023.

Sir,

It is in reference to the project “Enhancement of MS Billet production from 28800 TPA to 118800 TPA through 3x12 T Induction Furnaces (by existing 1x12 T Furnace & installing additional 2x12 T Furnaces along with CCM – 1x2 Strand, Rad – 4/7), Slag Crusher from 3600 TPA to 30000 TPA capacity and production of 117600 TPA TMT Bars & Rolled Products by installing Rolling Mill of 1x20TPH Capacity by M/s Shresth Steel & Energy LLP at Plot no. 57/C, Barhi Industrial Area, Village : Konra, P.S. : Barhi, Distt. : Hazaribagh, Jharkhand”. Jharkhand submitted by you for seeking prior Environmental Clearances (EC).

This is an expansion project which has been taken for appraisal on 23.09.2023.

The State Expert Appraisal Committee, Jharkhand deliberated the project during its 101st meeting held on 20-24.02.2023 and SEIAA, Jharkhand has approved the ToRs in 102nd meeting held on 17th & 18th March, 2023. TOR for the project was issued by SEIAA, Jharkhand vide letter no. EC/SEIAA/2022-23/2739/2023/454, date 24.03.2023. The final EIA / EMP submitted by PP to SEIAA on 18.09.2023 and which was forwarded to SEAC on 18.09.2023.

M/s Shresth Steel & Energy LLP is located at Plot No. 57/C, Barhi Industrial Area, Village – Konra, Barhi, Hazaribagh, Jharkhand on the total area of 2.181Ha (5.39Acres).

Company started with production of 28.800 TPA M.S. Ingot/Billet along with Slag Crusher of 3600 TPA (recovered Slag Metal – 360 TPA) capacity after obtaining the Consent to Establish (CTE) vide letter No. JSPCB/HO/RNC/CTE-8967996/2020/420, dated 7th

December, 2020 and Consent to Operate (CTO) vide ref No. JSPCB/HO/RNC/CTO-10492679/2021/927, dated 31st August, 2021 for the period upto 30th June 2022 and current CTO vide ref No. JSPCB/HO/RNC/CTO- 13085630/2022/846, dated 15.06.2022 valid upto 30th June, 2024.

Company has now proposed to obtain Environmental Clearance for the Enhancement of MS Billet production from 28800TPA to 118800TPA through 3x12T Induction Furnaces (by existing 1x12T Furnace & installing additional 2x12T Furnaces along with CCM-1x2strand, Rad- 4/7m). Slag Crusher from 3600 TPA to 30000 TPA capacity and production of 117600TPA TMT Bars & Rolled Products by installing Rolling Mill of 1x20TPH Capacity. Proposed expansion shall be done within the existing plant area of 2.186 ha (5.39 Acres). No additional land is required. No forestland is involved. Out of the total area, ha (35%) will be developed as green belt.

Hazaribagh Wildlife Sanctuary ESZ is located at a distance of 7.8 Km from the project site. Estimated cost for the proposed expansion is Rs. 60.00 Crores. Total Project Cost is estimated as Rs. 76.2128 Crores including cost of existing plant as Rs. 16.2128 Crores. Employment generation after proposed project will be 250 direct employments and approx. 200 indirect employments.

#### Land Details :

| Sl. No. | Khata No. | Plot No. |
|---------|-----------|----------|
| 1       | 29        | 563 (P)  |
| 2       | 49        | 529 (P)  |
| 3       | 68        | 527 (P)  |
| 4       | 34        | 526 (P)  |
| 5       | 03        | 525 (P)  |
| 6       | 78        | 564 (P)  |

#### Latitude & Longitude of the project :

| Latitude                       | Longitude                      |
|--------------------------------|--------------------------------|
| 24°18'35.97"N to 24°18'41.41"N | 85°25'29.90"E to 85°25'39.10"E |

The Raw material for the plant would be procured from local and other state markets depending upon the quality. The raw material and product transportation will be done through NH-2 (Grand Trunk Road) at 50 m & NH-33 (connecting Ranchi-Patna) at 1.22 Km away from the project site. The capacity of different existing and proposed units is as follows:

| Sl. No | Plant Facilities  | Existing Configuration | Proposed Expansion Configuration | Final Production Capacity (TPA) |
|--------|-------------------|------------------------|----------------------------------|---------------------------------|
| 1.     | Induction Furnace | 1x12T                  | 2x12T                            | MS Billets (3x12T)              |

|    |                                       |  |  |   |
|----|---------------------------------------|--|--|---|
|    | Continuous Casting Machine            | --   | 1 x 2 strand<br>Rad - 4/7                      | 118800 TPA<br>330 working days  |
|    | Ladle Refining LRF                    | --   | 2x12T  |   |
| 2. | Rolling Mill<br>(Direct Hot Charging) | --   | 117600 TPA<br>(1x20 TPH)                       | Roll Products<br>(TMT Bars & Rolled Products/Rods etc.)<br>117600 TPA |
| 3. | Slag Crusher                          | 3600 TPA<br>(Recovered Slag metal – 360 TPA) | 26400 TPA<br>(Recovered Slag metal – 2640 TPA) | Crushed Slag<br>30000 TPA<br>(Recovered Slag metal – 3000 TPA max)    |

Total requirement of power for the after the proposed expansion will be 13.4 MW. Power requirement will be sourced from Damodar Valley Corporation (DVC). Two DG set of 320 KVA will be installed along with the existing 1x200 KVA for meeting emergency requirements of the plant.

Total Raw material requirement after the proposed expansion of plant is given below:

| Units                        | Solid Wastes              | Qty In TPA | Disposal Practice  |
|------------------------------|---------------------------|------------|--|
| Induction Furnace            | Slag                      | 29.000     | In-house metal recovery in slag crusher (approx. 3000 TPA) and non-metal dust supplied outside for further reuse in construction work. |
| CCM                          | End cuts & Scales         | 810        | Recycled in-house along with scrap in the induction furnace.   |
| Bag Filter Dust from process | Dust from process         | 130        | Partly recycled (metal content). Rest supplied outside for further reuse in construction work and Low land filling                     |
| Rolling Mill                 | End cuttings & Mill Scale | 1200       | Recycled in-house along with scrap in the induction furnace.   |

The total water requirement after the expansion will be 184 KLD out of which Fresh Make up water is 172.6KLD. Water requirement will be met from Groundwater through Borewells after getting permission from the concerned authorities. application has been made for the same. Zero Liquid Discharge 'ZLD' shall be maintained.

The proponent has mentioned that there is no court case or violation under EIA Notification to the project or related activity.

## STATUTORY CLEARANCES :

|   |                                    |   |   |
|---|------------------------------------|---|---|
| 1 | LOI/Lease docs                     | : | Lease Deed.   |
| 2 | CO                                 | : | The CO, Barhi (Hazaribagh) vide letter no. 1129, dated 25.11.2022 has mentioned the plot no. of the project is not recorded as "Jungle Jhari" in R.S. Khatyan & Register II.  |
| 3 | DFO Wild Life                      | : | DFO, Wildlife Hazaribagh vide letter no. 1808, dated 12.09.2022 certified that the proposed project site is outside Eco Sensitive Zone of Hazaribagh Wildlife Sanctuary.  |
| 4 | DFO Forest Distance                | : | DFO, Hazaribagh West vide letter no. 3242, dated 09.09.2022 certified that the distance of reserved / protected forest is more than 250 meters from project site.   |
| 5 | Consent to Establish (CTE)         | : | CTE issued by JSPCB vide Ref. no. JSPCB/HO/RNC/CTE-8967996 /2020/420, dated 07.12.2020.   |
| 5 | Consent to Operate (CTO)           | : | <b>CTO</b> granted by JSPCB vide :<br>i. Ref. no. JSPCB/HO/RNC/CTO-10492679/2021/927, dated 31.08.2021.<br>ii. Ref. no. JSPCB/HO/RNC/CTO-13085630/2022/846, dated 15.06.2022.   |
| 6 | CGWA                               | : | No Objection Certificate for Ground Water Abstraction issued by CGWA vide NOC no. CGWA/NOC/IND/ORIG/2023/19110, dated 29.08.2023 valid up to 15.08.2026.<br>Application for expansion to 184 KLD made vide application no. 21-4/1357/JH/IND/2023, dated 08.09.2023. |
| 7 | Public Hearing                     | : | Public Hearing conducted by JSPCB on 08.08.2023   |
| 8 | Certified compliance report of CTO | : | Compliance report of CTO certified by Regional Office –cum- Laboratory, JSPCB, Hazaribagh vide letter no. 934, dated 29.08.2023.  |

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its **108<sup>th</sup>** meeting held on **19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup>, 22<sup>nd</sup>, 23<sup>rd</sup>, 24<sup>th</sup> and 25<sup>th</sup> September, 2023**.

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its **109<sup>th</sup>** meeting held on **27<sup>th</sup> & 28<sup>th</sup> September, 2023** discussed the project proposal along with recommendations made by SEAC and decided to grant EC to the project.

Following the decision of SEIAA, as mentioned above, Environmental Clearance is hereby issued to the **"Enhancement of MS Billet production from 28800 TPA to 118800 TPA through 3x12 T Induction Furnaces (by existing 1x12 T Furnace & installing additional**

2x12 T Furnaces along with CCM – 1x2 Strand, Rad – 4/7), Slag Crusher from 3600 TPA to 30000 TPA capacity and production of 117600 TPA TMT Bars & Rolled Products by installing Rolling Mill of 1x20TPH Capacity by M/s Shresth Steel & Energy LLP at Plot no. 57/C, Barhi Industrial Area, Village : Konra, P.S. : Barhi, Distt. : Hazaribagh, Jharkhand” alongwith the following specific conditions as recommended by SEAC.

**I. Specific Conditions :**

1. This Environmental Clearance is valid subject to the following condition below –  
That this project has-
  - a. Obtained all legal rights to operate at concerned place.
  - b. Complied with all existing concerned laws of the land and
  - c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.
2. Ground water to be drawn for use in the project only after obtaining permission from the Competent Authority.
3. Environment management system including organization structure to be drawn to ensure compliance of EC conditions stipulated based on principles of Continual Improvement and periodical management review.
4. All raw material to be stored only under covered shed.
5. PAs to offset (upto20%) consumption of conventional energy sources by promoting use of solar energy, passive energy utilization, optimum fenestration, shading effect and heat islands.
6. Developers to promote energy conservation measures such that it offsets not less than 02 % of connected load. It is to be achieved by solar panels etc meeting ECBC norms.
7. Trees should be developed & maintained not less than 33% of project area.
8. Developers/Company to install STP of sufficient capacity such that all the sewer produced is treated and reused.
9. Developers/Company to install Rain water harvesting structures such that all the roof top water runoff is collected and harvested including reuse on 100% basis.
10. Developers/Company to conduct and submit carbon footprint and carbon sequestration study report including mitigation measures as a part of EC compliance.
11. MSW Collection centre should be located in isolated and preferably unmanned area. Movement of the vehicle carrying waste should be under tarpaulin covered condition only. Route of vehicle should be such that it avoids residential areas as far as practical.
12. ISO 14k EMS system standard to be followed for implementation of EMPs with MRM in place for feedback to Sr management.



## II. Statutory Compliance :

1. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1980, in case of the diversion of forest land for non-forest purpose involved in the project.
2. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
3. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife 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).
4. In the writ petition (Civil) no. 202/1995, T.N. Godaverman Thirumulpad vs union of India and ors. the Hon'ble Supreme Court passed an order dated 03.06.2022 " National Park or Wildlife Sanctuary must have an ESZ of minimum 01 km in which the activities prescribed and prescribed in the guidelines of 09th February, 2011 shall be strictly adhered to".
5. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
6. The project proponent shall obtain the necessary permission from 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.
7. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
8. No mining/activity shall be undertake in the forest land or deemed forest without obtaining requisite prior forestry clearance.
9. This Environmental Clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT, MoEF & CC and any other Court of Law, if any, as may be applicable to this project.
10. Environmental clearance is subject to obtaining prior clearance from forestry and Wildlife angle including clearance from standing committee of NBWL, as may be applicable to this project (in case any fauna occurs / is found in the Project area or if the area involves forest land or Wildlife habitat i.e. core zone of elephant/tiger reserve etc. and or located with in 10 km. of protected area).
11. The project proponent may apply simultaneously for forest and NBWL clearance, in order to complete the formalities without undue delay, which till process on their respective merits, no rights will vest in or accrue to them unless all clearance are obtained.



### III. Air quality monitoring and preservation :

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 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time: S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
2. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
3. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> 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. (case to case basis small plants: Manual; Large plants: Continuous)
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.
5. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
6. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
7. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
8. 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.
9. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
10. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
11. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
12. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.





#### IV. Water quality monitoring and preservation:

1. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 2012 (applicable to IF / EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015 (Thermal Power Plants) 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 recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories. (case to case basis small plants: Manual; Large plants: Continuous).
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 recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
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.
4. Adhere to 'Zero Liquid Discharge'.
5. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
6. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time.
7. 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
8. The project proponent shall practice rainwater harvesting to maximum possible extent.
9. 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

#### V. Noise monitoring and prevention:

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.
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.

## **VI. Energy Conservations measures:**

1. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
2. Practice hot charging of slabs and billets/blooms as far as possible.
3. Ensure installation of regenerative type burners on all reheating furnaces.
4. Provide solar power generation on rooftops of buildings. for solar light system for all common areas. street lights. parking around project area and maintain the same regularly.
5. Provide the project proponent for LED lights in their offices and residential areas.

## **VII. Waste Management:**

1. Used refractories shall be recycled as far as possible.
2. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
3. 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.
4. The waste oil, grease and other hazardous waste shall be disposed of as per the Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
5. 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).*

## **VIII. Green Belt:**

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.
2. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.

## **IX. Public Hearing and Human Health issues:**

1. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
2. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
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, crèche etc. The



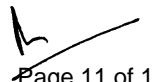
housing may be in the form of temporary structures to be removed after the completion of the project.

**X. Corporate Environment Responsibility:**

1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018. as applicable. regarding Corporate Environment Responsibility.
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.
3. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
4. 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 not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.
5. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
6. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.
7. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.

**XI. Miscellaneous:**

1. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
2. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.



3. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
4. The project proponent shall monitor the criteria pollutants level namely: PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
5. 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.
6. 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.
7. 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.
8. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
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.
10. 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).
11. 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. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
14. 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.
15. 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 orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.

16. 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.

## **XII. Other Conditions:**

1. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
2. The Prescribed EC is valid as per Notification no. S.O. 1807(E) dated 12.04.2022 of MoEF&CC, Govt. of India.
3. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.

Sd/-  
Member Secretary  
State Level Environment Impact  
Assessment Authority, Jharkhand.

Memo No.- EC/SEIAA/2022-23/2739/2023/ 307

Dated: 06/10/2023

Copy to:

1. Additional Chief Secretary, Department of Forests, Environment & Climate Change, Govt. of Jharkhand.
2. Deputy Commissioner, District - Hazaribagh, Jharkhand.
3. Divisional Forest Officer, Hazaribagh West Forest Division, Hazaribagh, Jharkhand.
4. Divisional Forest Officer, Wildlife Division, Hazaribagh, Jharkhand.
5. Director IA Division, Monitoring Cell, MoEF and Climate Change, Indira Paryavaran Bhavan, Jorbag Road, Aliganj, New Delhi - 110003.
6. Integrated Regional Office, Ranchi, Ministry of Environment, Forest and Climate Change, 2<sup>nd</sup> Floor, Jharkhand State Housing Board (HQ), Harmu Chowk, Ranchi, Jharkhand - 834002.
7. Member Secretary, Jharkhand State Pollution Control Board, Ranchi.
8. Secretary, Jharkhand State Expert Appraisal Committee, Ranchi.
9. Website.
10. Guard file.

Member Secretary  
State Level Environment Impact  
Assessment Authority, Jharkhand.