



सत्यमेव जयते

File No: EC/SEIAA/2024-25/3589/2024

Government of India

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

\*\*\*



Date 25/11/2025



To,

Amit Gupta  
BMW INDUSTRIES LIMITED  
119, Park Street, White House, Kolkata, West Bengal, KOLKATA, WEST BENGAL, 700016  
bmwilmoefcc@gmail.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 vide proposal number SIA/JH/IND1/553737/2025 dated 06/10/2025 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.	EC25B1009JH5843310N
(ii) File No.	EC/SEIAA/2024-25/3589/2024
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous)
(vii) Name of Project	Establishment of Greenfield Plant for 10,00,000 TPA Pickling Line with other facilities such as HR Slitter, Cut-to-Length, Coil Preparation Line by BMW Industries Limited at Plot No. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City, Dist. Bokaro – 827014, Jharkhand
(viii) Name of Company/Organization	BMW INDUSTRIES LIMITED
(ix) Location of Project (District, State)	BOKARO, JHARKHAND
(x) Issuing Authority	SEIAA
(xi) Applicability of General Conditions as per EIA Notification, 2006	No

Plot/Survey Khasra Nos.: Khata No. 8 , 121 , 183 , 188 , 24 , 177 , 112 , 111 , 18 , 128 , 92 , Plot No. 388 (P) , 387 (P) ,

392(P) , 393(F) , 394 (P) , 395 (P) , 397(P) , 390(P) , 551(P) , 561(P) , 578(P) , 595(P) , 597(P) , 912(P) , 552(P) , 553 (P) , 560(P) , 562 (P) , 554(P) , 575(P) , 573(P) , 577(P) , 579(P) , 596(P) , 593(P) , 913(P)

3. In view of the particulars given in the Para 1 above, the project proposal interalia including Form-1(Part A, B and C)/ EIA & EMP Reports were submitted to the SEIAA for an appraisal by the SEIAA under the provision of EIA notification 2006 and its subsequent amendments.
4. The above-mentioned proposal has been considered by SEIAA in the meeting held on 08/04/2025. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in Form-1 (Part A, B and C)/ EIA & EMP Reports / presented during SEIAA are annexed to this EC as Annexure (1).
6. The SEIAA, in its meeting held on , based on information submitted viz: Form 1 (Part A, B and C), EIA/EMP report etc & clarifications provided by the project proponent and after detailed deliberations on all technical aspects and public hearing issues and compliance thereto furnished by the Project Proponent, recommended the proposal for grant of Environment Clearance under the provision of EIA Notification, 2006 and as amended thereof subject to compliance of Specific and Standard EC conditions as given in this letter.
7. The SEIAA has examined the proposal in accordance with the provisions contained in the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and based on the recommendations of the State Environment Impact Assessment Authority(SEIAA) Appraisal Committee hereby accords Environment Clearance to the instant proposal of M/s. Amit Gupta under the provisions of EIA Notification, 2006 and as amended thereof subject to compliance of the Specific and Standard EC conditions as given in Annexure (1)
8. The Ministry reserves the right to stipulate additional conditions, if found necessary.
9. The Environmental Clearance to the aforementioned project is under provisions of EIA Notification, 2006. It does not tantamount to approvals/consent/permissions etc. required to be obtained under any other Act/Rule/regulation. The Project Proponent is under obligation to obtain approvals /clearances under any other Acts/ Regulations or Statutes, as applicable, to the project.
10. The Project Proponent is under obligation to implement commitments made in the Environment Management Plan, which forms part of this EC.
11. Validity of EC is upto 25/11/2025 to the start of production operations by the project or activity. Validity of EC becomes perpetual subject to the start of production operations by the project or activity on or before the [Project\_Date] In case the project proponent fails to start the production operations within the EC validity date, application for EC validity extension shall be submitted to the regulatory authority as per the provision contained in the Para 9.0 of EIA notification, 2006 and its amendment.
12. General Instructions:
  - (a) The project proponent shall prominently advertise it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days indicating that the project has been accorded environment clearance and the details of MoEF&CC/SEIAA website where it is displayed.
  - (b) The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
  - (c) The project proponent shall have a well laid down environmental policy duly approved by the Board of Directors (in case of Company) or competent authority, duly prescribing standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions.
  - (d) Action plan for implementing EMP and environmental conditions along with responsibility matrix of the project proponent (during construction phase) and authorized entity mandated with compliance of conditions (during operational phase) shall be prepared. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Six monthly progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six-Monthly Compliance Report.
  - (e) Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - (f) The 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.

(g) Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

13. This issues with the approval of the Competent Authority

**Copy To**

N/A

**Annexure 1**

**Standard EC Conditions for (Metallurgical Industries (ferrous and non ferrous))**

**1. Statutory Compliance**

S. No	EC Conditions
1.1	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.
1.2	This Environmental clearance is granted subject to final outcome of Hon'ble Supreme Court of India, Hon'ble High Court, Hon'ble NGT and any other Court of Law, if any, as may be applicable to this project.

**2. Air Quality Monitoring And Preservation**

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

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

**Additional EC Conditions**

N/A

**Annexure 2**

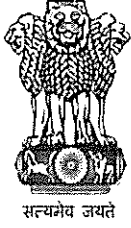
**Details of the Project**

S. No.	Particulars	Details	
a.	Details of the Project	Establishment of Greenfield Plant for 10,00,000 TPA Pickling Line with other facilities such as HR Slitter, Cut-to-Length, Coil Preparation Line by BMW Industries Limited at Plot No. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City, Dist. Bokaro – 827014, Jharkhand	
b.	Latitude and Longitude of the project site	23.69079386861241,86.0592109193925 23.6924246937791,86.06225968695666	
c.	Land Requirement (in Ha) of the project or activity	<b>Nature of Land involved</b>	<b>Area in Ha</b>
		Non-Forest Land (A)	1.95
		Forest Land (B)	0
		Total Land (A+B)	1.95
d.	Date of Public Consultation	Public consultation for the project was held on	

S. No.	Particulars	Details
e.	Rehabilitation and Resettlement (R&R) involvement	NO
f.	Project Cost (in lacs)	8500
g.	EMP Cost (in lacs)	245.44
h.	Employment Details	

**Details of Products & By-products**

Name of the product /By-product	Product / By-product	Quantity	Unit	Mode of Transport / Transmission	Remarks (eg. CAS number)
Hot Rolled Pickled/ Hot Rolled Pickled & Oiled Coil/Sheet	Product	1000000	Tons per Annum (TPA)	Road	Final/Intermediate Product
Recovered acid	By-Product	7200	Tons per Annum (TPA)	Pipe Conveyer	Recovered acid will be reused in Pickling.



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

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

E-mail: [msseiaa.jhk@gmail.com](mailto:msseiaa.jhk@gmail.com) / website: [www.jseiaa.org](http://www.jseiaa.org)

Letter No. : EC/SEIAA/2024-25/3589/2024/

Ranchi, Date :

To: M/s BMW Industries Limited,  
119, Park Street, White House, 3<sup>rd</sup> Floor,  
Kolkata : 700016.

Sub. : Environmental Clearance for the project “Establishment of Greenfield Plant for 10,00,000 TPA Pickling Line with other facilities such as HR Slitter, Cut to Length, Coil Preparation Line by M/s BMW Industries Limited at Plot no. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City, Jharkhand” (Proposal No. : SIA/JH/IND2/553737 /2025).

Ref. : Your application no. Nil, dated - 06.10.2025.

It is in reference to the project “Establishment of Greenfield Plant for 10,00,000 TPA Pickling Line with other facilities such as HR Slitter, Cut to Length, Coil Preparation Line by M/s BMW Industries Limited at Plot no. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City, Jharkhand” submitted by you for seeking Environmental Clearances (EC).

This is a new project which has been taken for appraisal on 10.10.2025.

**Project Sector: 3 (a) Metallurgical Industries (Ferrous & Non ferrous), Category: B1.**

**Application for Environmental Clearance (EC) after ToR.**

The State Expert Appraisal Committee, Jharkhand deliberated the project during its 122<sup>nd</sup> meeting held on 24.03.2025 - 28.03.2025 and SEIAA, Jharkhand has approved the ToRs in 122<sup>nd</sup> meeting held on 08<sup>th</sup> & 09<sup>th</sup> April, 2025. TOR for the project was issued by SEIAA, Jharkhand vide letter no. EC/SEIAA/2024-25/3589/2024/59, dated 16.04.2025. The final EIA / EMP submitted by PP to SEAC on 06.10.2025.

1. Salient Features of the project are as follows:

Sl. No.	Particulars	Details
1	The Project	Establishment of Cold rolling Complex having 1,000,000 TPA Pickling Line along with other facilities such as HR Slitter, Cut-to-Length and Coil Preparation Line at Plot No. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City – 827014,

Sl. No.	Particulars	Details
		Jharkhand by BMW Industries Ltd.
2	Location of the Project	Plot No. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City – 827014, Jharkhand.
3	Topo-sheet Nos.	F45C1, F45C2, F45B13 & F45B14
4	AMSL	258 meters
5	Latitude	23°41'32.68"N
6	Longitude	86° 3'44.12"E
7	Area of the Plant	1.95 Ha. (4.81 acres)
8	Biosphere Reserve / National Park / Wildlife Sanctuary / Ecological sensitive area	None within 10 km radius
9	Reserve Forest/ Protected Forest	There is no reserved forest within the 10km study area. However, there is few protected forest within the 10km study area. <ul style="list-style-type: none"> <li>➤ Mahlidih PF is at 6.78 km in NE direction.</li> <li>➤ Bhandaridah PF is at 7.62 km in NNE Direction.</li> <li>➤ Chirudih PF is at 7.82 km in NNE Direction</li> </ul>
10	Water Body	<ul style="list-style-type: none"> <li>➤ Khanjo Nadi is at a distance of 5.03 km in West Direction</li> <li>➤ Garga Dam is at a distance of 6.67 km in SSE Direction.</li> <li>➤ Damodar River is at a distance of 5.8 km in NE Direction.</li> </ul>
11	National/State Highways	➤ NH-320 is at a distance of 2.67 km in South direction.
12	Airport	<ul style="list-style-type: none"> <li>➤ Bokaro Airport at a distance of 10.48km in NE direction.</li> <li>➤ Birsa Munda Airport, Ranchi is at a distance of 85km in SW direction.</li> </ul>
13	Nearest habitation	<ul style="list-style-type: none"> <li>➤ Gorabali is at a distance of 100m in SE direction</li> <li>➤ Balidih is at a distance of 1.31 km in SSW direction.</li> </ul>

Sl. No.	Particulars	Details
14	Religious Places	<ul style="list-style-type: none"> <li>➤ Gorabali Bajrang Bali Mandir is at a distance of 0.08 km in SE Direction.</li> <li>➤ Vaishno Mata Mandir is at a distance of 0.84 km in ESE Direction.</li> </ul>
15	Historical/Tourist Places	<ul style="list-style-type: none"> <li>➤ Garga Dam is at a distance of 5.33 km in South Direction.</li> <li>➤ Barwa Ghat /DVC is at a distance of 6.83 km in NE Direction.</li> <li>➤ Khanjo Waterfall is at a distance of 5.17 km in WNW Direction.</li> </ul>
16	Proposed project with Production capacity	<ul style="list-style-type: none"> <li>➤ Hot rolled pickled/Hot rolled pickled oiled coil/sheets (Final and Intermediate Product-10,00,000 TPA)</li> <li>➤ Acid regeneration plant -7200 TPA</li> </ul>
17	Cost of the proposed Project EMP Cost	Rs. 8500 Lakhs. Rs. 245.44 lakhs capital and Rs. 24.10 laks per year as recurring cost
18	Manpower Requirement	50
19	Requirement of Water	65 KLD
20	Requirement of Power / Fuel	<ul style="list-style-type: none"> <li>➤ <b>Power:</b> 1.5MW</li> <li>➤ <b>DG Sets</b></li> <li>➤ Proposed - 1x1200 KVA</li> <li>➤ <b>Fuel-</b> LPG/Propane/LNG – 940 kg/hr. HSD: 1x200 liters / hr. (Emergency Power only)</li> </ul>
21	Submission of Application for TOR (Form-1/PFR)	11.03.2025
22	ToR letter issued by SEIAA, Jharkhand	30.04.2025
23	Baseline Study Period	1 <sup>st</sup> December 2024 to 28 <sup>th</sup> February 2025
24	Public Hearing	07.08.2025
25	Submission of Final EIA/EMP report	05.10.2025

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**Land Details :**

Khata no.	Plot no.
8	388 (P)
121	387 (P), 392(P), 393(F)
183	394 (P), 395 (P)
188	397(P)
24	390(P)
177	551(P), 561(P),578(P), 595(P), 597(P), 912(P)
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2. The project is for obtaining environmental clearance for Establishment of Greenfield Project for 10,00,000 TPA Pickling Line with other facilities such as HR Slitter, Cut-to-Length, Coil Preparation Line by M/s BMW Industries Limited at Plot No. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City, Jharkhand, The proposed project will be installed in area of 1.95Ha industrial land.

3. Environmental Site Settings:

S. No.	Particulars	Details	Remarks
1	Total land	1.95ha [Industrial land]	Land Use: Industrial Land
2	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total area – 1.95 Ha [leased area: 1.95 Ha,]	Located in Notified industrial area.

S. No.	Particulars	Details	Remarks																								
3	Existence of habitation & involvement of R&R, if any.	R&R is not applicable <b>Existence of Habitation</b> Project Site – Nil Study Area: Nearest <table border="1"> <thead> <tr> <th>Habitation</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Gorabali</td> <td>100 meter</td> <td>SE</td> </tr> </tbody> </table>	Habitation	Distance	Direction	Gorabali	100 meter	SE	--																		
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5	Latitude and Longitude of all corners of the project site.	<table border="1"> <thead> <tr> <th>Corner</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>23°41'32.68"N</td> <td>86° 3'44.12"E</td> </tr> <tr> <td>B</td> <td>23°41'30.24"N</td> <td>86° 3'43.47"E</td> </tr> <tr> <td>C</td> <td>23°41'26.83"N</td> <td>86° 3'33.87"E</td> </tr> <tr> <td>D</td> <td>23°41'28.68"N</td> <td>86° 3'33.17"E</td> </tr> </tbody> </table>	Corner	Latitude	Longitude	A	23°41'32.68"N	86° 3'44.12"E	B	23°41'30.24"N	86° 3'43.47"E	C	23°41'26.83"N	86° 3'33.87"E	D	23°41'28.68"N	86° 3'33.17"E	--									
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6	Elevation of the project site	258 m above mean sea level	--																								
7	Involvement of Forest land, if any	No involvement of Forest Land	--																								

S. No.	Particulars	Details	Remarks									
8	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	<p><b>Project Site:</b> No water bodies within the project site.</p> <p><b>Study area</b></p> <table border="1"> <thead> <tr> <th>Water Body</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Khanjo Nadi</td> <td>5.03</td> <td>West</td> </tr> <tr> <td>Damodar River</td> <td>5.8</td> <td>NE</td> </tr> </tbody> </table>	Water Body	Distance	Direction	Khanjo Nadi	5.03	West	Damodar River	5.8	NE	--
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9	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. if any within the study area	<p>There is no ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve/reserved forest within the 10km study area.</p> <p>However, there is few protected forest within the 10km study area.</p> <ul style="list-style-type: none"> <li>➤ Mahlidih PF is at 6.78 km in NE direction.</li> <li>➤ Bhandaridah PF is at 7.62 km in NNE Direction.</li> <li>➤ Chirudih PF is at 7.82 km in NNE Direction</li> </ul>	--									

4. The proposed project is for establishment of Greenfield Project for 10,00,000 TPA Pickling Line with other facilities such as HR Slitter, Cut-to-Length, Coil Preparation Line by M/s BMW Industries Limited at Plot No. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City, Jharkhand.
5. The unit configuration and capacity of existing and proposed project is given as below:

Sl. No	Plant	Configuration	Capacity (TPA)
1.	Pickling Line along with other facilities such as HR Slitter, Cut-to-Length, Coil Preparation Line	1x 1MTPA	1.0 MTPA Hot Rolled Pickled/Hot Rolled Pickled & Oiled Coil/Sheet
2.	Acid Regeneration Plant	1 x 2000 LPH	7200TPA Recovered acid (Recirculated in process)

6. The details of the raw material requirement for the proposed expansion project along with its source and mode of transportation is given as below:

Sl. No.	Item	Requirement in TPA	Source	Distance & Mode of Transport
1.	HR Coils	10,09,000	Bokaro/Tata/Angul/ JSW	By Train & Road

Sl. No.	Item	Requirement in TPA	Source	Distance & Mode of Transport
			/ AMNS, Imported (Kolkata/Haldia Port)	(max. 330km)
<b>Other Chemicals</b>				
2.	Hydrochloric Acid (32%)	7200	Local Market	Within 10kms
3.	Inhibitor	18	Local Market	Within 10kms

- The water requirement for the proposed project is 65KLD for both industrial and domestic usage. The required water will be sourced from ground water. Company has obtained CGWA NOC for 65KLD vide letter no. NOC No. NOC/IND/JH/2025/12206/N, Dated 10.09.2025.
- Total requirement of power for proposed project is 1.5 MW. Power requirement will be sourced from Damodar Valley Corporation (DVC). The project proponent has obtained power permission for 1.5MW provided in EIA report. For emergency power requirement 1x1200 KVA DG Set has been proposed to be installed under the present proposal.
- Baseline Environmental Studies: 1st December 2024 to 28th February 2025.

Parameters	Description	Permissible Level
AAQ parameters at 8 Locations (min and max)	<ul style="list-style-type: none"> <li>➤ PM10 54.7 to 75.5µg/m<sup>3</sup></li> <li>➤ PM2.5 30.1 to 53.4µg/m<sup>3</sup></li> <li>➤ SO2 7.2 to 9.5µg/m<sup>3</sup></li> <li>➤ NO2 10.8 to 17.0µg/m<sup>3</sup></li> <li>➤ CO 0.56 to 0.72mg/m<sup>3</sup></li> </ul>	100 µg/ m <sup>3</sup> 60 µg/ m <sup>3</sup> 80 µg/ m <sup>3</sup> 80 µg/ m <sup>3</sup> 04 µg/m <sup>3</sup>
AAQ Modelling (Incremental GLCs) at (Project Site) Model Used – AERMOD	<ul style="list-style-type: none"> <li>➤ PM10 – 0.083 µg/m<sup>3</sup></li> <li>➤ PM2.5 – 0.052 µg/m<sup>3</sup></li> <li>➤ SO2 – 0.005 µg/m<sup>3</sup></li> <li>➤ NOx – 0.003 µg/m<sup>3</sup></li> <li>➤ CO – 0.000002 mg/m<sup>3</sup></li> </ul>	--
Ground Water Quality	<ul style="list-style-type: none"> <li>➤ pH varies from 7.00 to 8.3</li> <li>➤ Total Hardness varies from 88.42 to 142.17 mg/l</li> <li>➤ Total Dissolved Solid varies from 210.0 to 340.0 mg/l</li> <li>➤ Chloride varies from 45.90 to 73.80 mg/l</li> <li>➤ Fluoride varies from 0.30 to 0.48 mg/l.</li> </ul>	6.5-8.5 200-600 mg/l 500-2000 mg/l 250-1000mg/l 1.0-1.5mg/l

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Parameters	Description	Permissible Level															
Surface Water Quality	<ul style="list-style-type: none"> <li>➤ pH varies from 7.15 to 7.77,</li> <li>➤ DO varies from 6.3 to 7.1 mg/l,</li> <li>➤ BOD varies from BLQ to 4.86 mg/l</li> <li>➤ COD varies from BLQ to 12 mg/l.</li> <li>➤ Total Coliform between &lt; 2 to 380 MPN/100ml.</li> </ul>	IS:2296 Class C Norms															
Soil Quality	<ul style="list-style-type: none"> <li>➤ pH -7.20 to 7.98</li> <li>➤ Potassium K - 102.34 to 196.32 kg/ha</li> <li>➤ Available nitrogen N - 154.10 to 180.0 (Kg/ha)</li> <li>➤ Phosphorus - 20.52 to 26.0Kg/Ha</li> <li>➤ Organic matter - 0.40% to 0.51%</li> </ul>	----															
Noise Level	<ul style="list-style-type: none"> <li>➤ Day Time (6:00 a.m. to 10:00 p.m.) 73.45 Leq dB(A)</li> <li>➤ Night Time (10:00 p.m. to 6:00 a.m.) 69.50 Leq dB(A)</li> </ul>	75 Leq dB (A) 70 Leq dB (A) (Industrial)															
	<ul style="list-style-type: none"> <li>➤ Day Time (6:00 a.m. to 10:00 p.m.) 44 to 51.65Leq dB(A)</li> <li>➤ Night Time (10:00 p.m. to 6:00 a.m.) 38 to 42 Leq dB(A)</li> </ul>	55 Leq dB (A) 45 Leq dB (A) (Residential)															
Traffic assessment study findings	<ul style="list-style-type: none"> <li>• The traffic study was carried at locations NH-320 is adjacent to the plant in south direction</li> <li>• Transportation of Raw material, Fuel and Finished product will be done by Road.</li> <li>• Existing PCU is 3338PCU/Day on NH-320 and existing level of service (LOS) is:</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Road</th> <th>V (Volume in PCU/day)</th> <th>C (Capacity in PCU/day)</th> <th>Existin g V/C Ratio</th> <th>LOS</th> </tr> </thead> <tbody> <tr> <td>NH-320</td> <td>3338</td> <td>15000</td> <td>0.22</td> <td>B</td> </tr> </tbody> </table> <ul style="list-style-type: none"> <li>• PCU load after proposed project will be 3368 PCU/Day (Existing 3338 + 30) for NH-320. level of service (LOS) will be after proposed project will remain 'B'</li> </ul> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>Road</th> <th>V (Volume</th> <th>C (Capacity in</th> <th>V/C Ratio</th> <th>LOS</th> </tr> </thead> </table>	Road	V (Volume in PCU/day)	C (Capacity in PCU/day)	Existin g V/C Ratio	LOS	NH-320	3338	15000	0.22	B	Road	V (Volume	C (Capacity in	V/C Ratio	LOS	
Road	V (Volume in PCU/day)	C (Capacity in PCU/day)	Existin g V/C Ratio	LOS													
NH-320	3338	15000	0.22	B													
Road	V (Volume	C (Capacity in	V/C Ratio	LOS													

Parameters	Description					Permissible Level
		in PCU/day)	PCU/day)			
	NH-320	3368	15000	0.22	B	
	<p><i>Conclusion: Level of Service will be "B" i.e. Very Good for NH-320 including additional traffic due to proposed project.</i></p> <p><i>Note: Capacity as per IRC 64:1990 Guideline for capacity for roads in Rural Areas.</i></p>					
Flora and fauna	<p>Total of 15 Schedule-I species are found in the buffer area, which includes 07 Mammals, 03 birds, 05 Reptiles species (Herpestes edwardsi, Hystrix indica, Varanus bengalensis, and Felis chaus, Lutralutra, Canis aureus,, Vulpus benghalensis. Reptiles like Python molurus, Naja naja &amp; Varanus bengalensis, Ptyas mucosa, Xenochrophis piscator. Birds like Spilornis cheela, Bubo bubo &amp; Accipiter badius) in the study area.</p> <p>Wildlife Conservation Plan is prepared and submitted to DFO-cum- Wildlife Warden, Bokaro on 13.08.2025. The WLCP Approval is under process.</p>					--

10. The details of solid and hazardous waste generation along with its mode of treatment/disposal is furnished as below:

Type of Waste	Quantity (TPA)	Mode of Disposal
Steel Scrap: HR cut end/Coilends	4000	Will be sold in the market
Sewage Sludge	5	Will be used in greenbelt area & given to local farmers to be used as manure
Ferrous Oxide	5000	Will be sold in the market
<b>Hazardous Waste</b>		
Used Oil	2 kl/year	Will be given to register recyclers
ETP Sludge & Salts	100	Will be sent to JSPCB authorized TSDF

11. Effluent generation details:

Type of Waste	Quantity (m <sup>3</sup> /hr.)	Mode of Disposal
Acidic Rinse water	1.5	Will be treated in ETP

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Waste water generated from Pickling line will be diverted to acid regeneration plant after acid recover it will send to ETP. Treated water shall be recycled in the process. Cooling water shall be kept in closed circuit. Domestic waste water will be diverted in soak pit.

## 12. Public Consultation

Details of advertisement given	“Prabhat Khabar” and “The Times of India” on dated 26.06.2025
Date of public consultation	07.08.2025
Venue	BIADA Bhawan, Balidih, Bokaro Steel City-14, Bokaro, Jharkhand.
Presiding Officer	Mr. Mohammad Mumtaz, ADM, Bokaro, Jharkhand
Major issues raised	The issues raised in the public hearing were for employment to be given to local people, control of pollution from the project area, Greenbelt Development and Scarcity of drinking water.

## 13. Action plan as per MoEF&CC O.M. dated 30/09/2020

Sl. No.	Activities	Year of Implementation (Budget in INR) lakhs			Total Expenditure in Rs. lakhs
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	
1.	Renovation of the drainage system in Gorabali and Balidih village.	10.0	10.0	--	20.0
2.	Development of middle school of Gorabali village by maintenance of existing school building, providing Furniture in classes and in staff room, green boards in classrooms, construction of one pair of toilets for boys & girls with common septic tank, installation of one number water cooler with RO for drinking water, installation of playing slides & swings for students.	10.0	10.0	10.0	30.0
3.	Greenbelt development by plantation of trees alongside the road with proper fencing at Gorabali Village (from Middle School Gorabali to Gorabali Hanuman Mandir).	10.0	--	--	10.0
4.	Installation of 2 numbers of Hand Pumps at different locations in Village Gorabali and Baladiah.	--	--	5.0	5.0
5.	Renovation of pond in Gorabali village by providing Sitting benches/solar lights and	4.0	4.0	2.0	10.0

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Sl. No.	Activities	Year of Implementation (Budget in INR) lakhs			Total Expenditure in Rs. lakhs
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	
	Beautification of pond by planting total 300 trees on the boundary of pond.				
6.	Organizing health check-up camps in Gorabali and Balidih village twice in a year for (eye check, body checkup, blood donation activities)	5.0	5.0	5.0	15.0
7.	Renovation of the Balidih football ground. Sports kits will be provide to the children, promotion of sports activity every year will be done. Company will also provide 1 no. of 1 water purification facility with water cooler.	--	10.0	10.0	20.0
8.	Providing 1 no. of ambulance to Charity hospital in Balidih village, equipped with life-supporting facilities such as oxygen supply units, nebulizers, stretchers, first aid boxes and other necessary accessories for the benefit of nearby villages.	--	20.0	--	20.0
<b>Total</b>		<b>39.0</b>	<b>59.0</b>	<b>32.0</b>	<b>130.0</b>

14. Estimated cost for the proposed project is Rs. 85.00 Crores.

15. The employment generation from the proposed project is 50.

16. The major sources of air pollution will be hydrochloric acid (HCl) vapors, and Oil mist from hot rolling complex, burning of fuel (LPG)/propane in hot rolled pickling line . The suitable control measures such as Oil demister, Wet scrubber will be provided to limit the air pollutant emissions within 30 mg/Nm<sup>3</sup>. Treated gases then will be discharged into the atmosphere through stacks of 30 m height via ID fan. The gas fired Boiler will be connected with stack of 30 m and Low Nox burner will be installed as control measure.

17. Capital cost for environmental management plan (EMP) is proposed as Rs. 245.44 Lakhs, The annual recurring cost towards the environmental management plan is proposed as Rs 24.10Lakhs. The details of cost for environmental protection measures are as follows:

Sl. No.	Environmental Protection Measures	Capital Cost Rs. In lakhs	Recurring Cost Rs. In lakhs/year
1.	Air Pollution Control Measures		

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Sl. No.	Environmental Protection Measures	Capital Cost Rs. In lakhs	Recurring Cost Rs. In lakhs/year
	Wet Scrubbers with Fume exhaust system with pickling line	15.0	1.00
	Stack height for gas fired boiler	10.0	1.00
	<b>Sub Total (A)</b>	<b>25.0</b>	<b>2.00</b>
<b>2.</b>	<b>Water Pollution Control Measures</b>		
	Effluent Treatment Plant	25.0	2.0
	Acid Regeneration Plant	10.0	2.0
	Water Sprinklers	5.0	0.5
	<b>Sub Total (B)</b>	<b>40.0</b>	<b>4.5</b>
<b>3.</b>	<b>Noise Pollution Control Measures</b>		
	Acoustic Enclosure or Separate housing for DG Set and Compressor	10.0	1.5
	<b>Sub Total (C)</b>	<b>10.0</b>	<b>1.5</b>
<b>4.</b>	<b>Storage and Solid Waste Management</b>		
	RCC flooring for storage of raw materials, temporary storage of ETP Sludge	10.0	1.0
	Concrete platform with bund wall and oil collection system for storage of HSD and Used Oil	10.0	1.5
	<b>Sub Total (D)</b>	<b>20.0</b>	<b>2.5</b>
<b>5.</b>	<b>Environment Monitoring Program</b>	--	5.95
	<b>Sub Total (E)</b>	--	<b>5.95</b>
<b>6.</b>	<b>Occupational Health &amp; Safety</b>	<b>11.0</b>	<b>6.5</b>
<b>7</b>	<b>Rain Water Harvesting Storage Tank</b>	<b>3.5</b>	<b>0.15</b>
<b>8.</b>	<b>Greenbelt Development and Landscaping</b>	<b>5.94</b>	<b>1.0</b>
<b>9.</b>	<b>Budget for addressing public hearing issue Activities</b>	<b>130</b>	--

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Sl. No.	Environmental Protection Measures	Capital Cost	Recurring Cost
		Rs. In lakhs	Rs. In lakhs/year
<b>Total</b>		<b>245.44</b>	<b>24.10</b>

18. Green Belt will be developed over 33% of the plant area. Indigenous trees will be planted in 0.66 Hectare out of the total area of 1.95 Hectare. Tree density of 2500 trees per hectare in consultation with local DFO will be planted. Total 1980 trees will be planted. Capital budget of Rs. 5.94 lakhs will be spent on tree plantation and the budget of approx. Rs. 1.0 lakhs shall be kept for yearly maintenance.

19. 10% of the total trees, i.e. 198 will trees will be planted under Ek Ped Maa Ke Naam.

20. There is no violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration.

21. Name of the EIA consultant: Vardan EnviroNet [S.No. 198 in List of ACOs with their Certificate/Extension Letter no. NABET/EIA/2326/RA0284 Valid up to 04.05.2026. Rev. 00].

#### STATUTORY CLEARANCES:

1	Land docs	:	Land allotted on lease by BIADA, Bokaro Steel City.
2	CO	:	The CO, Chas (Bokaro) vide letter no. 1181, dated 25.05.2024 has mentioned the plot no. of the project is not recorded as "Jungle Jhari" in R.S. Khatiyani & Register II.
3	DFO Wild Life	:	DFO, Wildlife Hazaribagh vide letter no. 904, dated 17.05.2024 certified that the proposed project site is outside Eco Sensitive Zone of Parasnath & Topchanchi Wildlife Sanctuary.
4	DFO Territorial	:	DFO, Bokaro Forest Division vide letter no. 1081, dated 30.05.2024 certified that the distance of notified forest is 260 meters from project site.
5	Baseline study period	:	1 <sup>st</sup> December, 2024 to 28 <sup>th</sup> February, 2025.
6	Public Hearing	:	Member Secretary, JSPCB, Ranchi vide Ref. No. 2620, dated 15.09.2025 informed that Public Hearing conducted on 07.08.2025.
7	CGWA	:	Permission for withdrawal of ground water has been obtained vide NOC No. NOC/IND/JH/2025/12206/N, dated 10.09.2025 from CGWA.

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State Level Environment Level Impact Assessment Authority (SEIAA), Jharkhand in its 127<sup>th</sup> meeting held on 04<sup>th</sup> & 05<sup>th</sup> November, 2025 discussed the project proposal along with recommendations made by SEAC in its 127<sup>th</sup> meeting held on 09<sup>th</sup>, 10<sup>th</sup>, 11<sup>th</sup>, 12<sup>th</sup> and 13<sup>th</sup> October, 2025 and decided to grant EC to the project.

On the basis of recommendation of SEAC and decision of SEIAA to grant of EC, Environmental Clearance is hereby issued to the “Establishment of Greenfield Plant for 10,00,000 TPA Pickling Line with other facilities such as HR Slitter, Cut to Length, Coil Preparation Line by M/s BMW Industries Limited at Plot no. IV/B-1 (P), Phase IV, Balidih Industrial Area, Bokaro Steel City, Jharkhand” alongwith the following specific conditions as recommended by SEAC.

#### I. Specific Conditions:

- i. 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.
- ii. In compliance of OM no. F. No. IA3-22/3/2024-IA.III (E-241594) dated 24.07.2024 of MoEF&CC, Govt. of India plantation of saplings shall be carried out in the earmarked green belt area as the part of tree plantation campaign “*Ek Ped Ma Ke Naam*” and the details of the same shall be uploaded in the MeriLiFE Portal (<https://merilife.nic.in>). 10% of the total green belt proposed shall be allocated under this clause.
- iii. Maximum quantity of Rain Water Harvested shall be used within the plant premises and only surplus RWH water shall be recharged to ground.
- iv. No effluent to be discharged out side the plant premises.
- v. Ground water to be drawn for use in the project only after obtaining permission from the Competent Authority.
- vi. 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.
- vii. All raw material to be stored only under covered shed.
- viii. Trees should be developed & maintained not less than 33% of project area.
- ix. All the pickling sludge should be transferred to a settling pond and this pond should be covered to avoid contact with the rain water.

#### II. Statutory Compliance:

- i. 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.

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- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. 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. (incase of the presence of schedule-I species in the study area)
- iv. 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 ".
- v. 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.
- vi. 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.
- vii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.

### III. Air quality monitoring and preservation:

- i. 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.
- ii. 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.
- iii. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
- iv. 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.



- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
- viii. 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.
- ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. 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:**

- i. 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 20 12 (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)
- ii. 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.
- iii. 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.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. 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.

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- vii. 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
- viii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- ix. 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:**

- i. 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.
- ii. 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 Conservation measures:**

- i. The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
- ii. Practice hot charging of slabs and billets/blooms as far as possible.
- iii. Ensure installation of regenerative type burners on all reheating furnaces.
- iv. 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.
- v. Provide the project proponent for LED lights in their offices and residential areas.

**VII. Waste Management:**

- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- iii. 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.
- iv. The waste oil, grease and other hazardous waste shall be disposed of as per the
- v. Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.
- vi. 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:**

- i. 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







- ii. 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.

**IX. Public hearing and Human health issues**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. 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.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

**X. Corporate Environment Responsibility:**

- i. 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.
- ii. 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.
- iii. 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.
- iv. 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.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.
- vi. All the recommendations made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the plants shall be implemented.
- vii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.







## XII. Miscellaneous:

- i. 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.
- ii. 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.
- iii. 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.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM10, 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.
- v. 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.
- vi. 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.
- vii. 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.
- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. 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.
- x. 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).
- xi. 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.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.







- xiv. 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.
- xv. It shall be mandatory for the project management to submit six (06) monthly compliance report in respect of the stipulated prior Environmental Clearance terms and conditions in hard copies and soft copies to the regulatory authority concerned Regional Office of MoEF & CC at Ranchi and Jharkhand State Pollution Control Board (J.S.P.C.B.), Ranchi / CPCB as per direction contained in EIA Notification, 2006 and as amended vide OM No. J-11013/5/2009-IA.II dated : 29.06.2010, OM No. F.No.J-11013/5/2011-IA.I dated : 05.08.2011 and letter No. J-11013/71/2016-IA I(M) dated : 25.10.2017 of MoEF & CC, Govt. of India.
- xvi. 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.
- xvii. 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.

**XIII. Other Conditions:**

- i. 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.
- ii. The Prescribed EC is valid as per Notification no. S.O. 1807(E) dated 12.04.2022 of MoEF&CC, Govt. of India.
- iii. 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/2024-25/3589/2024/ 482

Ranchi, Date: 06.11.2025

Copy to:

1. Secretary, Department of Forests, Environment & Climate Change, Govt. of Jharkhand.
2. Deputy Commissioner, District – Bokaro, Jharkhand.
3. Divisional Forest Officer, Bokaro Forest Division, Bokaro, Jharkhand.
4. Divisional Forest Officer, Wildlife Division, Hazaribag, Jharkhand.

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5. Director, IA Division, Monitoring Cell, MoEF and Climate Change, Indira Paryavaran Bhavan, Jorbag Road, Aliganj, New Delhi – 110003.
6. Regional Office, Ministry of Environment, Forest and Climate Change, Govt. of India, 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. Member Secretary, Jharkhand State Expert Appraisal Committee, Ranchi.
9. Website.
10. Guard file.

