



सत्यमेव जयते

File No: EC/SEIAA/2024-25/2437/2024

Government of India

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



Date 12/09/2024



To,

Surendra Kumar Sarawgi
ATIBIR HITECH PRIVATE LIMITED
20B, Abdul Hamid Street, 7th Floor Block-7B, KOLKATA, WEST BENGAL, 700069
atibirhitech.parivesh@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/IND1/492673/2024 dated 20/08/2024 for grant of prior Environmental Clearance (EC) to the proposed project under the provision of the EIA Notification 2006 and as amended thereof.

2. The particulars of the proposal are as below :

(i) EC Identification No.	EC24B1010JH5983562N
(ii) File No.	EC/SEIAA/2024-25/2437/2024
(iii) Clearance Type	Fresh EC
(iv) Category	B1
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous) Expansion & Modernization for enhancing the production of 60,000 TPA ingots to 1,48,500 TPA Billets, TMT Bar / Rods from 21,349 TPA to 2,37,600 TPA and increase installed capacity of reheating furnace and slag crusher of M/s Atibir Hi-Tech Private Limited at Village : Mohanpur, Tehsil: Giridih, Dist. : Giridih, Jharkhand
(vii) Name of Project	ATIBIR HITECH PRIVATE LIMITED
(viii) Name of Company/Organization	GIRIDIH, JHARKHAND
(ix) Location of Project (District, State)	SEIAA
(x) Issuing Authority	No
(xi) Applicability of General Conditions as per EIA Notification, 2006	

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 . The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above or through the following web link [click here](#).
5. The brief about configuration of products and byproducts as submitted by the Project Proponent in orm-1 (Part A, B and C)/ EIA & EMP Reports / presented during 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. Surendra Kumar Sarawgi 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 12/09/2024 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 perational 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.
2.4	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.

S. No	EC Conditions
2.5	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
2.6	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
2.7	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.
2.8	Ensure covered transportation and conveying of raw material to prevent spillage and dust generation; Use closed bulkers for carrying fly ash.

Additional EC Conditions

N/A

Annexure 2

Details of the Project

S. No.	Particulars	Details	
a.	Details of the Project	Expansion & Modernization for enhancing the production of 60,000 TPA ingots to 1,48,500 TPA Billets, TMT Bar / Rods from 21,349 TPA to 2,37,600 TPA and increase installed capacity of reheating furnace and slag crusher of M/s Atibir Hi-Tech Private Limited at Village : Mohanpur, Tehsil: Giridih, Dist. : Giridih, Jharkhand	
b.	Latitude and Longitude of the project site	24.13457897969905,86.35370507422952 24.1367723144561,86.35664517211649	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	4.2
		Forest Land (B)	0
		Total Land (A+B)	4.2
d.	Date of Public Consultation	Public consultation for the project was held on	
e.	Rehabilitation and Resettlement (R&R) involvement	NO	

S. No.	Particulars	Details
f.	Project Cost (in lacs)	5149.66
g.	EMP Cost (in lacs)	232.2
h.	Employment Details	

Details of Products & By-products

Name of the product /By-product	Product / By-product	Existing	Proposed	Total	Unit	Mode of Transport / Transmission
MS Billets	Product	60000	88500	148500	Tons per Annum (TPA)	Road
Rolled Products	Product	21349	216251	237600	Tons per Annum (TPA)	Road
Re-heated billets	Product	22500	76500	99000	Tons per Annum (TPA)	Road
Crushed Slag	By-Product	16500	16500	33000	Tons per Annum (TPA)	Road



State Level Environment Impact Assessment Authority, Jharkhand.

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

E-mail: msseiaa.jhk@gmail.com / website: www.jseiaa.org

Letter No.- EC/SEIAA/2021-22/2437/2021/

Ranchi, Date:

To: **Shri Surendra Kumar Sarawgi**
Director,
M/s Atibir Hi-Tech Private Limited,
20B, Abdul Hamid Street,
7th Floor Block - 7B,
Kolkata, West Bengal : 700069.

Sub.: Environmental Clearance for the project “Expansion & Modernization project for enhancement in the production capacity of TMT Bar in coils & MS Rods from 21,349 TPA to 237,600 TPA through modernization of its existing Re-Rolling Mill from 9 TPH to 50 TPH capacity along with replacement of existing 1x10 TPH Reheating Furnace by 1x30 TPH Reheating furnace and production of 148,500 TPA MS Billets by replacing the existing (2x8T & 1x6T) Induction Furnace by 3x15T induction Furnace along with installation of new 3x2 strand CCM and modernization of existing slag crusher from 5 TPH to 10 TPH capacity by M/s Atibir Hi-Tech Private Limited, Village : Mohanpur, Tehsil : Giridih, District : Giridih, Jharkhand” (Proposal No. : SIA/JH/IND1/492673/2024) – regarding.

Ref: Your application no. Nil, dated - 21.08.2024.

Sir,

It is in reference to the project “Expansion & Modernization project for enhancement in the production capacity of TMT Bar in coils & MS Rods from 21,349 TPA to 237,600 TPA through modernization of its existing Re-Rolling Mill from 9 TPH to 50 TPH capacity along with replacement of existing 1x10 TPH Reheating Furnace by 1x30 TPH Reheating furnace and production of 148,500 TPA MS Billets by replacing the existing (2x8T & 1x6T) Induction Furnace by 3x15T induction Furnace along with installation of new 3x2 strand CCM and modernization of existing slag crusher from 5 TPH to 10 TPH capacity by M/s Atibir Hi-Tech Private Limited, Village : Mohanpur, Tehsil : Giridih, District : Giridih, Jharkhand”, submitted by you for seeking prior Environmental Clearances (EC).

This is an expansion project which has been taken for appraisal on 24.08.2024.

Project Category : 3 (a) Metallurgical Industries (Ferrous & Non-Ferrous) as per EIA Notification, 2006.

The State Expert Appraisal Committee, Jharkhand deliberated the project during its 92nd meeting held on 20-23.10.2021 and SEIAA, Jharkhand has approved the ToRs in 93rd meeting held on 26th, 27th & 28th October, 2021. TOR for the project was issued by SEIAA, Jharkhand vide letter no. EC/SEIAA/2021-22/2437/2021/199, dated 30.10.2021. The final EIA / EMP submitted by PP to SEAC on 20.08.2024.

The project is for obtaining environmental clearance for Expansion & Modernization project for enhancement in the production capacity of TMT Bar in coils & MS Rods from 21,349 TPA to 237,600 TPA through modernization of its existing Re-Rolling Mill from 9 TPH to 50 TPH capacity along with replacement of existing 1x10 TPH Reheating Furnace by 1x30 TPH Reheating furnace and production of 148,500 TPA MS Billets by replacing the existing (2x8T & 1x6T) Induction Furnace by 3x15T induction Furnace along with installation of new 3x2 strand CCM and modernization of existing slag crusher from 5 TPH to 10 TPH capacity by M/s Atibir Hi-Tech Private Limited at Village- Mohanpur, PO- Udnabad, District- Giridih, State-Jharkhand, within the existing plant premises of 4.2Ha.

Environmental Site Settings:

Environmental Site Settings.

S. No.	Particulars	Details	Remarks																																							
1	Total land	4.2ha [Industrial: 4.2ha]	Land Use: Industrial Land																																							
2	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Total area – 4.2 Ha [Acquired Land: 4.2 Ha.]	No additional land acquisition Required.																																							
3	Existence of habitation & involvement of R&R, if any.	R&R is not applicable Existence of Habitation Project Site – Nil Study Area: Nearest <table><tr><th>Habitation</th><th>Distance</th><th>Direction</th></tr><tr><td>Mohanpur</td><td>0.20km</td><td>NW</td></tr></table>	Habitation	Distance	Direction	Mohanpur	0.20km	NW	--																																	
Habitation	Distance	Direction																																								
Mohanpur	0.20km	NW																																								
4	Latitude and Longitude of all corners of the project site ⁴	<table><tr><th>Corner</th><th>Latitude</th><th>Longitude</th></tr><tr><td>A</td><td>24° 8'12.32"N</td><td>86°21'14.44"E</td></tr><tr><td>B</td><td>24° 8'9.98"N</td><td>86°21'13.50"E</td></tr><tr><td>C</td><td>24° 8'8.58"N</td><td>86°21'13.25"E</td></tr><tr><td>D</td><td>24° 8'6.13"N</td><td>86°21'17.46"E</td></tr><tr><td>E</td><td>24° 8'4.48"N</td><td>86°21'23.16"E</td></tr><tr><td>F</td><td>24° 8'6.05"N</td><td>86°21'21.30"E</td></tr><tr><td>G</td><td>24° 8'6.63"N</td><td>86°21'23.16"E</td></tr><tr><td>H</td><td>24° 8'7.42"N</td><td>86°21'22.85"E</td></tr><tr><td>I</td><td>24° 8'8.22"N</td><td>86°21'23.34"E</td></tr><tr><td>J</td><td>24° 8'9.14"N</td><td>86°21'23.67"E</td></tr><tr><td>K</td><td>24° 8'10.06"N</td><td>86°21'20.94"E</td></tr><tr><td>L</td><td>24°</td><td>86°21'21.15"E</td></tr></table>	Corner	Latitude	Longitude	A	24° 8'12.32"N	86°21'14.44"E	B	24° 8'9.98"N	86°21'13.50"E	C	24° 8'8.58"N	86°21'13.25"E	D	24° 8'6.13"N	86°21'17.46"E	E	24° 8'4.48"N	86°21'23.16"E	F	24° 8'6.05"N	86°21'21.30"E	G	24° 8'6.63"N	86°21'23.16"E	H	24° 8'7.42"N	86°21'22.85"E	I	24° 8'8.22"N	86°21'23.34"E	J	24° 8'9.14"N	86°21'23.67"E	K	24° 8'10.06"N	86°21'20.94"E	L	24°	86°21'21.15"E	--
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S. No.	Particulars	Details			Remarks												
			8'11.26"N														
		M	24° 8'11.19"N	86°21'19.44"E													
5	Elevation of the project site	281 m above mean sea level			--												
6	Involvement of Forest land, if any	No involvement of Forest Land			--												
7	Water body (Rivers, Lakes, Pond, Nala, Natural Drainage, Canal etc.) exists within the project site as well as study area	Project Site: No water bodies within the project site. Study area <table><tr><th>Water Body</th><th>Distance</th><th>Direction</th></tr><tr><td>Usri River</td><td>1.58km</td><td>East</td></tr><tr><td>Kako river</td><td>8.76km</td><td>WNW</td></tr><tr><td>Barakar river</td><td>8.98km</td><td>South</td></tr></table>			Water Body	Distance	Direction	Usri River	1.58km	East	Kako river	8.76km	WNW	Barakar river	8.98km	South	--
Water Body	Distance	Direction															
Usri River	1.58km	East															
Kako river	8.76km	WNW															
Barakar river	8.98km	South															
8	Existence of ESZ/ ESA/ national park/ wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve etc. if any within the study area	No ESZ/ ESA/ National Park/ Wildlife sanctuary/ biosphere reserve/ tiger reserve/ elephant reserve within 10km radius of the project site. Few Protected Forest in 10km Study Area. Jhalakdiha PF is at 0.25km in SE direction Mahuatanr PF is at 0.59km in South direction Birangadda PF is at 1.61km in NNE direction Gangapur PF is at 2.40km in SE direction			--												

Land Details:

Khata no.	Plot no.
68	1526, 1527, 1528, 1529, 1532, 1533 & 1536
27	1552
57	1554
51	1553
78	1551
55	1550
73	1555
109	1524
49	1546
32	1549
75	1556
12	1547

47	1467
41	1463, 1464
85	1459
72	1557
88	1548
109	1524
89	1523

- Company started with establishment of Rolling Mill of capacity 15TPD after obtaining NOC from Bihar State Pollution Control Board (BSPCB) dated on 21.01.1997. Another NOC was obtained by the company from BSPCB vide Ref. No. T 4512, dated 23.10.2000 for expansion of rolling capacity to 35TPD and vide Ref. No. T-4513, dated 23.10.2000 for 200TPD MS Ingots production through 2x8T & 1x6T Induction Furnace along with 1x5TPH slag crusher unit. Later company has obtained CTE from Jharkhand State Pollution Control Board (JSPCB) vide Ref. No. D- 1337(N), dated 29.05.2015 for marking the production capacity of 21,349 TPA MS Bars in coil and MS Rods through 1x9 TPH capacity Re-Rolling mill along with 1x10 TPH Reheating Furnace.
- Consent to Operate (CTO) for production of 21,349 TPA TMT Bar in coils & MS Rods and of 200 TPD MS Ingots vide ref No. JSPCB/HO/RNC/CTO-9102932/2021/770, dated 12.06.2021 for the period up to 31.03.2026.
- The unit configuration and capacity of existing and proposed project is given as below. The Total working days after proposed expansion will be 330 days.

Sl. No	Plant Facilities	Existing Configuration	Proposed Configuration	Final Production Capacity (TPA)
1.	Induction Furnace	60,000 TPA MS Ingots (2x8T & 1x6T) Will be replaced	148,500 TPA MS Billets (3x15T)	MS Billets 148,500 TPA
2.	Continuous Casting Machine	-	3 x 2 strand (for 148,500 TPA)	3x2 strand
2.	Rolling Mill	21,349 TPA (1x9TPH) Will be modernized	237,600 TPA (1x50TPH)	Roll Products (TMT Bars/Rods etc.) 237,600 TPA
3.	Re-heating Furnace	1x 10 TPH (max, 22,500 TPA) Will be replaced	1x30 TPH (max. 99,000 TPA)	Re-heated billets (for rolling) 99,000 TPA
4.	Slag Crusher	1x5 TPH (max. 16,500 TPA)	1x10TPH (max.33,000 TPA)	Crushed Slag 33,000 TPA

- 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	Existing Requirement in TPA	Proposed Requirement in TPA	Total Requirement in TPA	Source	Distance & Mode of Transport
STEEL MELTING SHOP –(MS Billets 148,500 TPA)						
1.	Sponge Iron	48.000	70.800	118.800	Local Plant in Hazaribagh, Ramgarh, Giridih, etc	40 to 120 km By Road
2.	Pig Iron	18.000	26.550	44,550		
3.	Scrap	9000	13,275	22,275		
4.	Ferro-alloys	120	177	297		
Total		75120	110802	185,922		
ROLLING MILL – (Long Rolled Product 237,600TPA)						
1.	MS Billets	61,200	181,152	242.352	148500 TPA, In-house – Hot Billets direct charging & rest 93852 TPA from nearby Steel Plants	--
2.	Coal/Furnace Oil for re-heating furnace	4200	2380	6580 TPA or 3300 KL per year	Giridih/ open market	--

- The total make-up water requirement of the plant after proposed expansion is estimated to be 290KLD. The Company has obtained CGWA permission vide NOC no. CGWA/NOC/IND/ORIG/2022/15791 dated 23.05.2022 valid till 22/05/2025. The plant is operated on ZLD.
- Total requirement of power for the after proposed expansion will be 15.0MVA. Existing requirement of power for the operation of existing units is 9.5MVA and requirement is met through DVC. Permission for the additional power requirement shall be obtained from DVC. One DG set of 1x1000 kVA will be augmented along with the existing DG set of 1x500 kVA.
- Baseline Environmental Studies: 1st October 2021 to 31st December 2021.

Parameters	Description	Permissible Level
AAQ parameters at 8 Locations (Average - min)	PM2.5 31.5 to 54.8 $\mu\text{g}/\text{m}^3$ PM10 48.5 to 84.4 $\mu\text{g}/\text{m}^3$ SO2 6.8 to 22.3 $\mu\text{g}/\text{m}^3$	60 $\mu\text{g}/\text{m}^3$ 100 $\mu\text{g}/\text{m}^3$ 80 $\mu\text{g}/\text{m}^3$

Parameters	Description	Permissible Level			
and max)	NO2 11.4 to 36.5 µg/m ³ CO 0.5 to 1.0 mg/m ³	80 µg/ m ³ 04 mg/m ³			
Ground Water Quality	pH varies from to 7.76 to 7.49 Total Hardness varies from 179 to 271 mg/L. Total Dissolved Solids varies from 374 to 487 mg/L.	6.5-8.5 200-600 mg/L 500-2000 mg/L			
Surface Water Quality	pH varies from to 7.57 to 7.80 Dissolved Oxygen varies from 5.3 to 6.7 mg/L. BOD varies from 9.86 to 14.00 mg/L.	IS:2296 Class C Norms			
Soil Quality	pH 7.59 to 7.77 Potassium K 90.25 to 177.0 kg/ha Available nitrogen N 186.11 to 233.15 (Kg/hect) Organic matter 0.50% to 0.73%	----			
Noise Level	Day Time (6:00 a.m. to 10:00 p.m.) 67.95 dB(A) Night Time (10:00 p.m. to 6:00 a.m.) 61.76 dB(A)	Industrial Zone 75 Leq dB (A) to 70 Leq dB (A)			
	Day Time (6:00 a.m. to 10:00 p.m.) 49.35 to 53.76 dB(A) Night Time (10:00 p.m. to 6:00 a.m.) 39.94 to 43.66 dB(A)	Residential Zone 55 Leq dB (A) to 45 Leq dB (A)			
Traffic assessment study findings	<ul style="list-style-type: none">The traffic study was carried at SH-13 (Koderma - Giridih – Tundi – Govindpur Marg) located at road distance of 160m from project site.Transportation of Raw material, Fuel and Finished product will be done by Road.Existing PCU is 3881.5 PCU/Day on SH-13 existing level of service (LOS) is:				
	Road	V (Volume in PCU/day)	C (Capacity in PCU/day)	Existing V/C Ratio	LOS
	SH-13	3881.5	15000	0.26	B
	<ul style="list-style-type: none">PCU load after proposed expansion project will be 4013.5 PCU/Day (Existing 3881.5 + 132) for SH-13. Level of service (LOS) will be after expansion will remain ‘B’				
	Road	V (Volume in PCU/day)	C (Capacity in PCU/day)	V/C Ratio	LOS
SH-13	4013.5	15000	0.27	B	

Parameters	Description	Permissible Level
	<p><i>Conclusion: Level of Service will be "B" i.e. Very Good for SH-13 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>As per reconnaissance survey Schedule - I fauna species found within 10km of the study area. Total 21 Schedules-I faunal species like <i>Herpestesedwardsi</i>, <i>Hystrix indica</i>, <i>Manis crassicaudata</i>, <i>Python molurus</i>, <i>Varanus bengalensis</i>, <i>Pavocristatus</i>, and <i>Gyps bengalensis</i>. <i>Felis chaus</i>, <i>Canis aureus</i>, <i>Hyaena hyaena</i>, <i>Vulpusbenghalensis</i>. Reptiles like <i>Python molurus</i>, <i>Najanaja</i> & <i>Varanus bengalensis</i>. Birds like <i>Spilornischeela</i>, <i>Gyps bengalensis</i>, <i>Bubo bubo</i> & <i>Pavocristatus</i> have been reported in the 10 km of the study area. The detailed study is given in Final EIA/EMP report. Total 21 numbers Schedule-1 species have been identified/reported is in the study area. Wildlife conservation plan has been prepared and submitted to DFO cum Wildlife Warden on dated 06.08.2024. The budget of Wildlife conservation plan is kept as 125.63 Lakhs for 10 years.</p>	--

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

Units	Solid Wastes	Qty In TPA	Disposal practice
Induction Furnace	Slag	31185	After metal extraction (approx. 12% of slag), in In House Slag crusher, will be supplied to outside parties for construction filling.
Rolling Mill	Mill Scale & cuttings	4752	Will be charged back as scrap in the induction furnace for In-House Reuse.
Bag Filter Dust from process	Dust from process	222	Supplied to outside parties for construction filling
Re-heating furnace	Ash & Bag filter dust	1815*	Supplied to fly ash block manufacturers.
			*No generation if furnace oil is used.

▪ **Socio Economic Survey during Study period**

Points Discussed with villagers during Socio Economic	Opinion and Expectations
<p>Issues Discussed:</p> <ul style="list-style-type: none"> • The Project Background, Environmental, Social issue and benefit from the project were explained to the Stakeholders. • The Main issue of villagers during public consultation was discussed. • Perceptions of the villagers were discussed • Expectations of the respondent from the project proponent were discussed to know their priority needs and requirements 	<ul style="list-style-type: none"> • Most of the respondents are aware about the project but they are not aware about the expansion project • Villagers from Jhalakdiha and Chatro village are expecting that the project proponent should organize Health camp for the villagers from time to time • Pollution control measures should be adopted to reduce the pollution level in the areas • Educational and skill development trainings to be provided for the villagers • Toilet shall be constructed in schools of the village • Most of the respondents from Birangadda, Mohanpur and Mathadih village are expecting that the job opportunities may be increase due to project work mainly during construction work • As the main problem faced by most of the villagers is scarcity of water, they are expecting that water facility should be provided to them; also, proponent must help in repairing and maintenance of hand pump • Villagers of Mohanpur and Baniadih villages responded that the condition of the approach road to the village is very poor. • Villagers opined that the proposed expansion project may increase the traffic level in the area. So, project proponent must adapt necessary measures to mitigate the traffic congestion in the area

▪ **Public Consultation**

Details of advertisement given	“Hindustan Times”, “Prabhat Khabar”, “Punh Prabhat Khabar” and “Dainik Bhaskar” on dated 25.01.2024
Date of public consultation	08.02.2024
Venue	Pawan Chudiwala, Tundi Road, Harsinghraidih, Police Station District - Giridih
Presiding Officer	Shri Ghulam Samdani, District Supply Officer (Additional Collector)
Major issues raised	The issues raised in the public hearing were for employment to be given to local people, Pollution control equipment installation, Scarcity of drinking water, Welfare of local public and Health Care facilities in village.

▪ **Action plan as per MoEF&CC O.M. dated 30/09/2020**

Sl. No.	Activities	Year of Implementation (Budget in INR)			Total Expenditure (Rs.)
		1 st Year	2 nd Year	3 rd Year	
1.	Medical Facility: Eye operation camps, blood donation camps, free medical checkup camps, wheel chair cycles for people with disabilities and mobility issues. Beds for Health Care centre in Damodarpur village	6,00,000	3,00,000	--	9,00,000
2.	Plantation: Plantation work of 1000 m length and 10 m wide on boundary of Mohanpur village. Fencing and Gap plantation in place of non-surviving trees	--	5,00,000	5,00,000	10,00,000
3.	Pond Renovation: Renovation of Pond (Koiri pokhar) located in Udnabad Village	5,00,000	--	--	5,00,000
Total		11,00,000	8,00,000	5,00,000	24,00,000

- The Additional Activities based on Socio-economic survey like supply of drinking water tankers during summer to nearby villages. Approach road repair for nearby villages. Greenbelt development along the boundary of nearby villages will be undertaken under

CSR as per Norms. All other points are covered under CER activity as per table above

- Existing Capital cost of project was Rs. 16.58 Crore. The capital cost of the proposed project is envisaged as Rs. 34.91 Crores and the capital cost for environmental protection measures (EMP) is proposed as Rs. 2.562Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs 46.12Lakhs.
- The employment generation from the proposed expansion is 224.
- 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
A	Air Pollution Measures		
	Installation of 2 Nos. of Spark Arrester with Pulse jet Bag Filter with induction furnaces and Cyclone Separator with Pulse jet Bag Filter with reheating furnace	35	3.5
	Water sprinklers (6 Nos.)	1.5	0.2
	Dust Suppression System	1.5	0.2
	Sub Total (A) Air Pollution Control Measures	38.0	3.9
B	Water Pollution Control Measures and Rainwater Harvesting		
	Augmentation of Neutralization Pit (1 Nos. of 15 KL)	5.0	0.2
	Settling tank with oil skimmer	2.0	0.2
	STP (1 Nos. of 15 KLD)	5.0	0.5
	Sub Total (B) Water Pollution Control Measures	12.0	0.9
C	Noise Pollution Control Measures		
	Acoustic enclosure DG Sets	8.0	1.0
	Sound attenuation Panels/Cabins	2.0	0.5
	Silencers, Mufflers, Rubber mountings, isolators	2.0	0.5
	Sub Total (C) Noise Pollution Control Measures	12.0	2.0

D	Solid & hazardous Waste management		
	Concrete platform for temporary storage of Bag filter Dust, Slag, Mill Scale, End Cut / Reject along with tarpaulin sheets	5.0	1.0
	Concrete platform with bund wall and oil collection system for storage of HSD, and other Oil Drums and Used Oil	5.0	1.0
	Sub Total (D) Solid & hazardous Waste management	10.0	2.0
E	Environmental Monitoring Program		
	Cost of monitoring of environmental parameters for Ambient Air, Fugitive Emission, Work-Zone Emissions, Stack emissions, Effluent, Ground water, Soil Quality, Ambient & Work Zone Noise Levels monitoring, TCLP Test	--	3.82
	Installation of 1 nos. CAAQMS	50.0	2.50
	Installation of 2 nos. of OCEMS with Induction Furnace Plant & SAF plant	60.0	4.50
	Installation of Web camera at STP outfall	5.0	0.50
	Monitoring of Health of Workers	--	2.00
	Monitoring of Performance of Pollution Control Equipment	--	2.00
	Sub Total (E) Environmental Monitoring Program	115.0	15.32
F	Occupational Health & Safety	10.0	17.5
G	Rain Water Harvesting	15.0	2.5
H	Greenbelt Development and Landscaping	20.2	2.0
	Total	232.2	46.12
I	Budget for implementation of commitments made to address the issues raised during the public hearing	24.0	
	Total EMP Budget Including Budget for Addressing Public Hearing Issues	256.2	46.12

- Company has proposed to develop greenbelt on 1.40Ha area (i.e. 33% of the total plant area). within the plant premises by planting 3700 number of Indigenous trees in consultation with local DFO along the boundary and inside the plant area. The greenbelt development needs to be carried out in 33% of total plant area i.e. 1.40Ha (3.45 Acres). As per the ToR condition, company shall be developing greenbelt under MIYAWAKI method of afforestation on an area of 0.404 Ha. (1 Acre) of land out of 1.40 Ha. (3.45 Acres) marked for 33% green cover in the plant premises. Proponent has already planted 220 numbers of trees till date within the project premises. For Miyawaki Plantation the PP will plant around 1200 trees in 0.41 Ha. The remaining 0.99 Ha. greenbelt area will be planted with 2475 trees as per CPCB guidelines. Total budget of greenbelt development will be Rs. 20 Lakhs and Rs. 2.0 Lakhs/Annum recurring budget.
- The Certified CTO Compliance was obtained from RO, JSPCB, Hazaribagh vide Memo No. 833 dated 22.05.2024. The Valid CTO was obtained on 12.06.2021 which is more than one year from the date of EC application therefore we have obtained Certified CTO Compliance from JSPCB as per MoEFCC OM dated 08.06.2022. There were no Non Compliance reported.
- There is no violation under EIA, 2006/court case/show cause/direction if any, related to the project under consideration.
- Name of the EIA consultant: Vardan EnviroNet LLP [S.No. 198 in List of ACOs with their Certificate/Extension Letter no. NABET/EIA/2326/RA0284-Rev.01 Valid up to April 04.05.2026]

STATUTORY CLEARANCES:

1	Land docs	:	Land deed (M/s Atibir Hi-Tech Private Limited)
2	CO	:	The CO, Giridih Sadar vide letter no. 1093, dated 08.09.2021 has mentioned the plot nos. of the project is not recorded as "Jungle- Jhari" in R.S. Khatiyar.
3	DFO Wild Life	:	DFO, Wildlife Division, Hazaribagh vide letter no. 1674, dated 06.09.2019 certified that the proposed project site is outside Eco Sensitive Zone of Parasnath & Topchanchi Wildlife Sanctuary.
4	DFO Territorial	:	DFO, Giridih East Division vide letter no. 2103, Dated 31.08.2018 certified that the distance of notified forest is 528 m from proposed project site.
5	Consent to Establish (CTE)	:	CTE issued by JSPCB vide memo no. : PC/NOC/HBG/558/B/D-1337(N), dated 29.05.2015.
6	Consent to Operate (CTO)	:	CTO issued by JSPCB vide : i. Memo no. : D-2040, dated 29.07.2011. ii. Ref. no. : JSPCB/HO/RNC/CTO-537727/2017/362, dated 07.04.2017. iii. Ref. no. : JSPCB/HO/RNC/CTO-9102932/2021/770, dated 12.06.2021.

7	CGWA	:	No Objection Certificate (NOC) for Ground Water Abstraction vide NOC no. CGWA/NOC/IND/ORIG/2022/15791, dated 23.05.2022 valid up to 22.05.2025.
8	Public Hearing	:	Regional Office –cum- Laboratory, JSPCB, Hazaribag vide letter no. 290, dated 22.02.2024 informed that Public Hearing conducted on 08.02.2024.
9	Baseline Study Period	:	1 st October 2021 to 31 st December 2021.

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its **116th** meeting held on **23th, 24th and 25th August, 2024**.

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its **116th** meeting held on **03th & 04th September, 2024** 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 **“Expansion & Modernization project for enhancement in the production capacity of TMT Bar in coils & MS Rods from 21,349 TPA to 237,600 TPA through modernization of its existing Re-Rolling Mill from 9 TPH to 50 TPH capacity along with replacement of existing 1x10 TPH Reheating Furnace by 1x30 TPH Reheating furnace and production of 148,500 TPA MS Billets by replacing the existing (2x8T & 1x6T) Induction Furnace by 3x15T induction Furnace along with installation of new 3x2 strand CCM and modernization of existing slag crusher from 5 TPH to 10 TPH capacity by M/s Atibir Hi-Tech Private Limited, Village : Mohanpur, Tehsil : Giridih, District : Giridih, 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. **The reheating furnace shall be used only for the billets procured from out side the plant.**
3. **Maximum quantity of Rain Water Harvested shall be used within the plant permises and only surplus RWH water shall be recharged to ground.**
4. **No effluent to be discharged out side the plant premises.**
5. **The Wildlife Conservation Plan has been submitted to DFO, Giridih vide letter dated 06.08.2024. Approved copy of Wildlife Conservation Plan shall be submitted to SEIAA/SEAC within 06 months of the grant of EC.**

6. 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>).
7. MoU is to be executed with the buyers of the use refractory material before this expansion project comes into operation. Copy of MoU to be submitted SEIAA / SEAC, Jharkhand before expansion project comes into operation.
8. Ground water to be drawn for use in the project only after obtaining permission from the Competent Authority.
9. 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.
10. All raw material to be stored only under covered shed.
11. 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.
12. Trees should be developed & maintained not less than 33% of project area.
13. Developers/Company to install ETP and / or STP of sufficient capacity such that all the waste water produced is treated and reused.
14. 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.
15. Developers/Company to conduct and submit carbon footprint and carbon sequestration study report including mitigation measures as a part of EC compliance.
16. 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.
17. Suitable plants of not less than 2 M height to be planted equal to twice the area of saplings proposed in Safety zone. This is to be planted in land available near mines and outside safety zone. This will be in addition to plantation in safety zone. Newly planted saplings to be maintained for minimum 3 years with Geo-Tagged photographs.

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.

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 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 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. 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)
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) 31st 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:

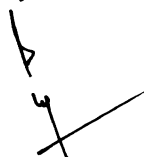
1. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1st May 2018, as applicable, regarding Corporate Environment Responsibility.
2. The company shall have a well laid down environmental policy duly approved by the Board of Directors. 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.

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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; PMIO, SO₂, 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.
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/2021-22/2437/2021/ 2561

Ranchi, Date : 09/09/2024

Copy to:

1. Principal Secretary, Department of Forests, Environment & Climate Change, Govt. of Jharkhand.
2. Deputy Commissioner, District – Giridih, Jharkhand.
3. Divisional Forest Officer, Giridih East Forest Division, Giridih, 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. Regional Office, Ministry of Environment, Forest and Climate Change, Govt. of India, 2nd 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.

11/09/2024
Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand