



सत्यमेव जयते

File No: EC/SEIAA/2024-25/3079/2024

Government of India

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



Date 07/07/2025



To,

AMIT KUMAR AGARWAL
SARVASHIVA IRON & STEEL PRIVATE LIMITED
608, 6th Floor, Eastern Mall, Dangra Toli Chowk, Ranchi-834001, Dangra Toli Chowk, RANCHI,
JHARKHAND, 834001
sarvashivairon123@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/IND1/535869/2025 dated 03/05/2025 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. | EC25B1010JH5237965N |
| (ii) File No. | EC/SEIAA/2024-25/3079/2024 |
| (iii) Clearance Type | Fresh EC |
| (iv) Category | B1 |
| (v) Project/Activity Included Schedule No. | 3(a) Metallurgical Industries (ferrous and non ferrous),3(a) Metallurgical Industries (ferrous and non ferrous) |
| (vii) Name of Project | Environmental Clearance for Production of MS Billets 3,00,000 TPA through installing 4x20T Induction Furnaces, CCM of 2X2 Strand, Radius-6/11 along with rolling mill to produce 2,90,500 TPA rolled product and Slag Crusher of 10 TPH by M/s Sarvashiva Iron and Steel Private Limited |
| (viii) Name of Company/Organization | SARVASHIVA IRON & STEEL PRIVATE LIMITED |
| (ix) Location of Project (District, State) | KODERMA, JHARKHAND |
| (x) Issuing Authority | SEIAA |
| (xi) Applicability of General Conditions as per | No |

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 06/05/2024. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed from the PARIVESH portal by scanning the QR Code above 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 KUMAR AGARWAL 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 07/07/2025 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	Environmental Clearance for Production of MS Billets 3,00,000 TPA through installing 4x20T Induction Furnaces, CCM of 2X2 Strand, Radius-6/11 along with rolling mill to produce 2,90,500 TPA rolled product and Slag Crusher of 10 TPH by M/s Sarvashiva Iron and Steel Private Limited	
b.	Latitude and Longitude of the project site	24.41719330050289,85.48668762163652 24.41976692056727,85.49066357489887	
c.	Land Requirement (in Ha) of the project or activity	Nature of Land involved	Area in Ha
		Non-Forest Land (A)	2.05
		Forest Land (B)	0
		Total Land (A+B)	2.05
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)	9500
g.	EMP Cost (in lacs)	86
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)
MS Billets	Product	300000	Tons per Annum (TPA)	Road	
Rolled product	Product	290500	Tons per Annum (TPA)	Road	
Slag Crusher	By-Product	10	TPH	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.in

Letter No.- EC/SEIAA/2024-25/3079/2024/

Ranchi, Date:

To: M/s Sarvashiva Iron and Steel Private Limited,
Director : Mrs. Deepika Devi,
Lalmandigtha, Gumo Jhumri Telaiya,
District – Koderma – 825409, (Jharkhand).

Sub.: Environmental Clearance for the project “Production of MS Billets 3,00,000 TPA through installing 4x20 T Induction Furnaces, CCM of 2x2 Strand, Radius – 6/11 along with rolling mill to produce 2,90,500 TPA rolled product and Slag Crusher of 10 TPH by M/s Sarvashiva Iron and Steel Private Limited at Village : Lalmandigtha, Gumo, Jhumri Telaiya, P.S. : Koderma, District : Koderma, Jharkhand” (Proposal No. : SIA/JH/IND1/535869/2025) – regarding.

Ref: Your application no. Nil, dated - 02.05.2025.

Sir,

It is in reference to the project “Production of MS Billets 3,00,000 TPA through installing 4x20 T Induction Furnaces, CCM of 2x2 Strand, Radius – 6/11 along with rolling mill to produce 2,90,500 TPA rolled product and Slag Crusher of 10 TPH by M/s Sarvashiva Iron and Steel Private Limited at Village : Lalmandigtha, Gumo, Jhumri Telaiya, P.S. : Koderma, District : Koderma, Jharkhand” submitted by you for seeking prior Environmental Clearances (EC).

This is a new project which has been taken for appraisal on 07.05.2025.

Project Sector: 3 (a) Metallurgical Industries (secondary metallurgical processing) as per EIA Notification, 2006, Category: B1.

Application for Environmental Clearance (EC) after ToR.

The State Expert Appraisal Committee, Jharkhand deliberated the project during its 111th meeting held on 26.04.2024 - 30.04.2024 and SEIAA, Jharkhand has approved the ToRs in 111th meeting held on 06th & 07th May, 2024. TOR for the project was issued by SEIAA, Jharkhand vide letter no. EC/SEIAA/2024-25/3079/2024/44, dated 09.05.2024. The final EIA / EMP submitted by PP to SEAC on 02.05.2025.

M/s. Sarvashiva Iron and Steel Private Limited is a new industrial unit at village-Doiadih, Block-Jhumri, District: Koderma, Jharkhand for the proposed production of MS Billets 3,00,000 TPA through the installation of 4x20T induction furnaces, a CCM of 2x2 Strand, a Radius-6/11, a Rolling mill to produce 2,90,500 TPA rolled product, and a Slag Crusher of 10 TPH.

Salient Feature of the Project

S. N	Parameters	Description
1	Identification of project	Project falls under Metallurgical Industries (secondary metallurgical processing) Item 3(a) Metallurgical industries (ferrous & nonferrous) of the schedule of EIA notification of Sept 14, 2006 issued by MOEF&CC .
2	Brief description of nature of the project	The plant unit is proposed to produce production of MS Billets 3,00,000 TPA through the installation of 4x20T induction furnaces, a CCM of 2x2 Strand, a Radius-6/11, a Rolling mill to produce 2,90,500 TPA rolled product, and a Slag Crusher of 10 TPH.
3	Salient Features of the Project	
3.1	Proposed plant capacity	The production capacity of the industrial unit will be MS Billets 3,00,000 TPA through the installation of 4x20T induction furnaces, a CCM of 2x2 Strand, a Radius-6/11, a Rolling mill to produce 2,90,500 TPA rolled product, and a Slag Crusher of 10 TPH.
3.2	Total Plot Area	Total Plot Area ~5.09 Acre (3.35 Acre + Green belt area 1.74 Acre)
3.3	Location	At- Doiadih village, JhumriTelaiya, Dist. Koderma (Jharkhand)
3.4	Water requirement	Overall water requirement for the proposed project will be approx. 279 KLD out of which 219 KLD will be recirculate in the process and 60 KLD will be makeup water.
3.5	Source of water	Borewell and rain water during construction period.
3.6	Wastewater	A total of ~3.6 KLD/day of sewage will be generated. The wastewaters will be treated and entirely will be reused during the operational period.
3.7	Manpower	100 manpower will be required for the project development.
3.8	Electricity/Power requirement	The electrical power requirement will be ~22000 kVA. 1x 500 KVA DG Set will be installed for power back up.
3.9	Land form, Land use and land ownership	Private land, owned by M/s Sarvashiva Iron and Steel Private Limited.
4	Project cost	The estimated cost of the Project is approximately Rs. 95 Crs.

Coordinates of the project:

Latitude	Longitude
24°25' 10.094''N	85°29' 12.474'' E
24°25' 11.873''N	85°29' 13.913'' E
24°25' 10.235''N	85°29' 17.752'' E
24°25' 9.360''N	85°29' 17.554'' E

24°25' 7.977''N	85°29' 21.224'' E
24°25' 8.620''N	85°29' 21.563'' E
24°25' 5.776''N	85°29' 23.708'' E
24°25' 3.320''N	85°29' 26.418'' E
24°25' 2.614''N	85°29' 26.051'' E
24°25' 3.376''N	85°29' 24.865'' E
24°25' 6.453''N	85°29' 20.829'' E
24°25' 7.413''N	85°29' 19.502'' E
24°25' 9.135''N	85°29' 14.816'' E
24°25' 9.869''N	85°29' 13.405'' E

LAND DETAILS:

Khata No.	Plot No.
02	17

Plant has obtained the Consent to Establish (CTE) vide Ref No. JSPCB/HO/RNC/CTE-16672396/2023/502 Dated 6/07/2023 is hereby auto-renewed for the period from 12/06/2024 to 02/11/2024, dated 11/06/2024 for production of MS Billets 26400 TPA and Slag Crusher of 4800 TPA.

S.N.	Particulars	Proposed	After Installation of Plant Unit
Unit Processes/ Machinery			
1	Induction Furnace	4 x 20 Tones,	3,00,000 TPA MS Billets
2	Continuous Casting Machine (CCM)	2x2 Strand, Radius-6/11	
3	Rolling Mill	1 x 40 T	2,90,500 TPA rolled product
4	Slag Crusher	1 x 10 T	10 TPH
Other Items/ Requirement			
5	APCD- Bag-House Filter	1	
6	Sponge iron	816.8 TPD	
7	Ferro-alloys	153.15 TPD	
8	MS Scrap/Pig iron	51.05 TPD	
9	Ingots/billets (Only for rolling)	-----	
Project Budget			
10	Fixed capital investment (Rs)	~95 Cr	
Water Requirement			
11	Makeup Water requirement	60 KLD /day	
12	Domestic water requirement	~5 KLD/day	
13	Domestic wastewater generation	~3.6 m3/day	

Manpower Requirement			
14	Total Skilled and non-skilled manpower	~100	
Solid waste			
15	Slag	142.94 TPD	
16	Mill Scale and other rejects	26.04 TPD	
17	Bag Filter Dust from the process	10.21 TPD	
18	Municipal Waste	45 kg/day	
Power			
19	DG Sets (For power back-up)	DG Set-1x500 KVA	
20	Power Requirement	~22000 KVA.	
Fuel			
21	High-Speed Diesel (HSD)	300 Lt max / day	
Ground Water Recharge			
22	Recharge pits	2 nos.	
Working Days			
23	No of working days of the Plant	345	

Raw Materials

Proposed Raw Materials Details

S.N.	Raw Materials	Total Proposed Requirement (TPD)	Mode of Transportation	Source of Raw Material	Distance (km)
1	Sponge Iron	816.8	Road	Local Plants in Koderma, Giridih Hazaribagh.	10 to 90 Kms
2	Ferro alloy	153.15	Road		
3	MS Scrap	51.05	Road	In house or local plant in Koderma	10 Kms

MASS BALANCE OF THE STEEL MELTING SHOP

Sl. No	Input	Quantity TPD	Output	Quantity TPD
1	Sponge Iron	816.8	Billet	867.85
2	Ferroalloy	153.15	Process Loss	10.21
3	M S Scrap/Pig Iron	51.05	Slag Generation	142.94
	Total	1021	-	1021

Raw Materials Details- Rolling Mill

Raw Materials	Proposed Production	Source
M.S Billet	3,00,000 TPA	Billets will be used for in- house rolling mill

MASS BALANCE OF THE ROLLING MILL

Sl.No	Input	Quantity TPD	Output	QuantityTPD
1	Billet	868	Mill Scale @1%	8.68
			Trimming Reject@2%	17.36
			Rolled Product	842
Total			-	290490 TPD with 345 working Day

Total Water Requirement

Water requirement is fulfilled through bore well made at the plant area and from the rain water harvesting pond.

- Overall water requirement for the proposed project will be approx. **279 KLD**.
- Out of **279 KLD**, **219KLD** will be recirculated in the process,
- **60 KLD** will be makeup water.
- The wastewaters will be treated and entirely reused.
- There is provision for ZLD, so, waste water will not be discharged in natural drains.

Water Requirement

Particulars	Recirculate Water (KLD)	Makeup Water (KLD)	Total Water Requirement (KLD)
Induction Furnace	198	48	246
Rolling Mill	21	4	25
Domestic & Greenbelt	-	8	8
Total	219	60	279

Power requirement for the Proposed Plant

The total power requirement for the unit is **22.0 MVA**. The total power demand of the plant will be met through Jharkhand Bijli Vitran Nigam Limited. DG Sets (1x500 KVA) will be installed for power back up.

Public Hearing Details:

S.N.	Particulars	Date and Description
1.	Date of advertisement	19 th February, 2025. (Prabhat Khabar & Hindustan Times)
2.	Date of public hearing	21 st March, 2025

3.	Place of public hearing	Anchal Karyalaya, Koderma, Dist.-Koderma,
4.	Officials in Public Hearing	1. Mrs. Poonam Kujur , ADM (LR), Koderma District, (She was nominated by the District Commissioner (DC), Koderma (Jharkhand), Other key officials in attendance included: 2. Shri Jitendra Prasad Singh (Regional Officer), State Pollution Control Board, Hazaribagh. 3. Shri Sumit Kumar Jha (Deputy Environmental Engineering), State Pollution Control Board, Ranchi. 4. Shri Haldhar Kumar Sethi (Circle Officer), Koderma (Jharkhand).
5.	Public Attended public hearing	More than 100.
6	Main issue discussed in public hearing	Related to the project& its impact, Air pollution-controlled measures, Water Sprinkling on nearby roads, Medical Facility & treatment, Greenbelt / Plantation near the site Environmental management plan, CER activities, employment, education, etc.

EMP Budget:

S.N.	Description		Capital Cost (Lakhs)	Recurring Cost/annum (Lakhs)
1.	Air Pollution Control	Bag filter + Stack, etc.	55	7
2.	Noise Pollution Control	Landscaping, Greenbelt	8	2
3	Solid Waste Management	Slag & management, and others.	6	2
4	Environment Monitoring and Management	Online monitoring of air and water, Establishment of Laboratory. Third party investment for monitoring	7	4
5	RWH Pits (2 nos.)	Construction of Rain water Harvesting pits, etc.	4	0.5
6	Miscellaneous	Appointment of Consultants, occupational health & safety measure.	6	1
7.	Budget for Public Hearing			37
Total			86	53.5

BUDGETARY PROVISION FOR PUBLIC HEARING ACTION PLAN

Area of Concern	Action Plan	Budgetary Provision (In Lakhs INR)	Time Frame (Year)		
			1 st	2 nd	3 rd
Pollution Control	Air Pollution Control Measures Bag Filter System, Stack Emission Monitoring, Ambient Air Quality Monitoring, Fugitive Emission Control and Water Spraying System, Wastewater Management	Covered under EMP Budget	-	-	-
Greenbelt	Tree Plantation	Rs. 15 lakhs	15 lakhs	-	-
Employment Generation	Employment for locals	12 Lakhs	6.0 Lakhs	6.0 Lakhs	-
Safety cover to employees	Implementation comprehensive safety measures (personal protective equipment, training, emergency response plan)	Covered under EMP Budget	-	-	-
Concern about health of local people	Health checkup and distribution	6 Lakhs	2 lakhs	2 lakhs	2 lakhs
Plantation	Provision of 1000 plant saplings with gabion and fund allocation for maintenance of the plants for 3 yrs @Rs 400 per plant	4 lakhs	2 lakhs	1.5lakhs	0.5lakh
Total		37 lakhs	25 lakhs	9.5 lakhs	2.5 lakhs

DETAILS OF NEED BASED ACTIVITIES PROPOSED IN THE STUDY AREA

S.N..	Activity	Estimated Budget (in Lakhs INR)
1.	Training to the local women SHGs under NRLM for livelihood development	2.5
2.	Financial support in form of revolving funds for enterprise development to 5 SHGs (@ Rs 50000/ SHG) registered under	

	NRLM scheme.	2.5
3.	Conducting Health Camps for villagers in the adjoining villages.	5.0
4.	Provision and support for computer literacy to students with emphasis on tribal students & girl candidates	5.0
5.	Distribution of 25 water filters for provision of safe drinking water to the AWCs and Primary schools of the villages @ Rs 8000/filter	2.0
	Total	17 Lakhs

EXPENDITURE FOR WILDLIFE CONSERVATION PLAN (Amount in Lakhs)

S. N.	Proposed Conservation Activity	Capital Cost	1 st year	2 nd year	3 rd year	4 th year	5 th Year
1	Improvement of Water Resources	9	3	2	1.5	1.5	1
2	Greenbelt and Habitat Improvement (6000 trees in four years)	10	4	2	2	1	1
3	Training and Public Awareness Program Awareness for wildlife and Habitat Protection	5	2	1	1	0.5	0.5
	Total	24	9	5	4.5	3	2.5

Details of Solid waste and Mode of disposal

S.N.	Units	Solid Wastes	Qty In TPA	Disposal Practice
1	Induction Furnace	Slag	145.6 TPD	It will be supplied to the authorized recyclers and slag will be used in land filling & road construction.
2	Rolling Mill	Mill Scale and other rejects	27.54 TPD	Sold to the authorized recyclers
3	Industrial Manpower (100 person)	MSW	45 kg/day	Disposed of as per Solid Waste Management Rules, 2016 & amended thereof.

Hazardous waste: Generation of “Used Oil”, after the proposed expansion shall be approx. 10 kiloliters per annum and will be sold to the registered recyclers. Used oil will be collected in dedicated drums and stored on impervious concrete floor for maximum 90 days before disposal.

STATUTORY CLEARANCES:

1	LOI/Lease docs	:	Private Land : Owned by Sarvashiva Iron and Steel Private Limited.
2	CO	:	The CO, Koderma vide letter no. 828, dated 11.05.2023 has mentioned the plot no. of the project is not recorded as “Jungle - Jhari” in R.S. Khatiyani.
3	DFO Wild Life	:	DFO Wildlife, Hazaribagh vide letter no. 1163, dated 14.06.2023 certified that the proposed project site is outside Eco Sensitive Zone of Koderma Wildlife Sanctuary.
4	DFO Territorial	:	DFO, Koderma Forest Division vide letter no. 2674, dated 21.06.2023 certified that the distance of reserved / protected forest is 380 meter from project site.
5	Consent to Establish (CTE)	:	i. CTE issued by JSPCB vide Ref. no. JSPCB/HO/RNC/CTE-16672396/ 2023/502, Dated: 31.08.2023. ii. CTE renewed by JSPCB vide App. no. 19536885, Dated: 11.06.2024.
6	Baseline Data Collection	:	1 st October, 2023 and 31 st December, 2023.
7	Public Hearing	:	Public Hearing conducted on 21.03.2025.
8	CGWA	:	No Objection Certificate for Ground Water Abstraction vide NOC no. NOC/IND/JH/2025/5017/N, dated 15.04.2025 valid up to 14.04.2028.

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in its 123rd meeting held on 07th, 08th, 09th, 10th and 11th May, 2025.

State Level Environment Level Impact Assessment Authority (SEIAA), Jharkhand in its 123rd meeting held on 09th & 10th June, 2025 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 “Production of MS Billets 3,00,000 TPA through installing 4x20 T Induction Furnaces, CCM of 2x2 Strand, Radius – 6/11 along with rolling mill to

produce 2,90,500 TPA rolled product and Slag Crusher of 10 TPH by M/s Sarvashiva Iron and Steel Private Limited at Village : Lalmandightha, Gumo, Jhumri Telaiya, P.S. : Koderma, District : Koderma, 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 Wildlife Conservation Plan prepared is to be submitted to the competent authority for approval and evidence of the same is to be submitted to SEIAA prior to issuance of the EC. The Approved copy of Wildlife Conservation Plan shall be submitted to SEIAA/SEAC within 06 months of the grant of EC.
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. 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.
6. Ground water to be drawn for use in the project only after obtaining permission from the Competent Authority.
7. 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.
8. All raw material to be stored only under covered shed.
9. Trees should be developed & maintained not less than 33% of project area.

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 PM_{2.5} in reference to PM emission, and SO₂ and NO_x in reference to SO₂ and NO_x 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.

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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.
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 report 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.

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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.

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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/2024-25/3079/2024/ 118

Dated: 20-06-2025

Copy to:

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

[Handwritten Signature]

Member Secretary
State Level Environment Impact
Assessment Authority, Jharkhand



