



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

To,

The Director

M/S DADIJEE STEEL MANUFACTURING & TRADING PVT. LTD.

Vill Gumo Ward No 19 Thana Telaiya Pargana Gumo Dist Koderma - 825409

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

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the SEIAA vide proposal number SIA/JH/IND/66658/2021 dated 14 Jul 2022. The particulars of the environmental clearance granted to the project are as below.

- |  |  |
|--|--|
| 1. EC Identification No.                   | <b>EC22B008JH182120</b>  |
| 2. File No.                                | EC/SEIAA/2021-22/2409/2021   |
| 3. Project Type                            | Expansion  |
| 4. Category                                | B1   |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous)  |
| 6. Name of Project                         | Proposed capacity expansion/augmentation of existing unit to ~980 MT/day (3,23,400 TPA) of steel billets and ~950 MT/day (3,13,500 TPA) of rolled products by M/s Dadijee Steel Manufacturing & Trading Pvt. Ltd |
| 7. Name of Company/Organization            | M/S DADIJEE STEEL MANUFACTURING & TRADING PVT. LTD.  |
| 8. Location of Project                     | Jharkhand  |
| 9. TOR Date                                | 23 Sep 2021  |

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

Date: 16/08/2022

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

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

*This is a computer generated cover page.*





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

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

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Letter No.- EC/SEIAA/2021-22/2409/2021/

Ranchi, Date:

To: **M/s Dadijee Steel Manufacturing & Trading Pvt. Ltd.**  
**Sri Pradeep Kumar Ram (Director),**  
**At – Gumo, Ward No. - 19,**  
**Thana – Telaiya, Pargana - Gumo,**  
**Dist – Koderma, Jharkhand – 825409.**

Sub.: Environmental Clearance for the project “Proposed expansion, installed production capacity of the industrial unit will increase to ~980 MT/day (3,23,400TPA) of steel billets, metal refining (using LRF) ~50MT/batch, continuous casting (using CCM) ~50MT/hr ~950 MT/day (3,13,500 TPA) of rolled products (different rolled sections) and slag crushing (~40mt/hr) of M/s Dadijee Steel Manufacturing & Trading Pvt. Ltd. at Village : Gumo, Tehsil : Koderma, Dist. : Koderma, Jharkhand (Proposal No. SIA/JH/IND/66658/2021) – regarding.

Ref: Your letter no. Nil, dated : 14.07.2022.

Sir,

It is in reference to the project “Proposed expansion, installed production capacity of the industrial unit will increase to ~980 MT/day (3,23,400TPA) of steel billets, metal refining (using LRF) ~50MT/batch, continuous casting (using CCM) ~50MT/hr ~950 MT/day (3,13,500 TPA) of rolled products (different rolled sections) and slag crushing (~40mt/hr) of M/s Dadijee Steel Manufacturing & Trading Pvt. Ltd. at Village : Gumo, Tehsil : Koderma, Dist. : Koderma, Jharkhand” submitted by you for seeking prior Environmental Clearances (EC).

This is a expansion project which has been taken for appraisal on 19.07.2022.

The State Expert Appraisal Committee, Jharkhand deliberated the project during its 90<sup>th</sup> meeting held on 14-18.09.2021 and SEIAA, Jharkhand has approved the ToRs in 92<sup>nd</sup> meeting held on 20<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> September, 2021. TOR for the project was issued by SEIAA, Jharkhand vide letter no. 158, date 23.09.2021. The final EIA / EMP submitted by PP to SEIAA on 14.07.2022 and received by SEAC on 14.07.2022.

**Project background :**

M/s Dadijee Steel Manufacturing & Trading Pvt. Ltd., Jhumri Talaiya, Koderma (Jharkhand), is an existing secondary steel based industrial unit (engaged in steel melting and casting using induction furnace) at the site.

The existing industrial unit has installed production capacity of ~90 MT/day of steel ingots using MS scrap/sponge iron (DRI) and ferro-alloys as basic raw material.

Now the industrial unit is planning for capacity expansion and augmentation. In the process the industrial unit will increase its molten metal generation capacity, facility for metal refining (using LRF) and continuous casting (using CCM), and re-rolling mill (of matching capacity).

After proposed expansion, installed production capacity of the industrial unit will increase to ~980 MT/day (3,23,400TPA) of steel billets, metal refining (using LRF) ~50MT/batch, continuous casting (using CCM) ~50MT/hr ~950 MT/day (3,13,500 TPA) of rolled products (different rolled sections) and slag crushing (~40mt/hr).

The estimated cost for the plant will be Rs. 60.0 Crores (Existing: 12 .16 Crores & Proposed: 47.84 Crores).

#### Latitude & Longitude:

Latitude	Longitude
24°25'58.952"N	85°29'12.383"E
24°26'01.031"N	85°29'12.870"E
24°26'00.186"N	85°29'16.117"E
24°25'59.407"N	85°29'20.111"E
24°25'57.881"N	85°29'20.306"E
24°25'57.816"N	85°29'18.585"E
24°25'56.809"N	85°29'18.325"E
24°25'57.329"N	85°29'16.507"E
24°25'57.978"N	85°29'16.377"E

#### Details of Khata no. & Plot no. of the project site:

**Khata No.:** 153 & 180

**Plot No.:** 74 & 73

#### Project details:

S. No	Parameters	Description
1	Identification of project	Project falls under Metallurgical Industries (secondary metallurgical processing) Item 3(a) of the schedule of EIA notification of Sept 14, 2006 issued by MOEF & CC.
2	Project Proponent	M/s. Dadijee Steel Manufacturing & Trading Private Limited.

S. No	Parameters	Description
3	Brief description of nature of the project	After proposed expansion, installed production capacity of the industrial unit will increase to ~980 MT/day (3,23,400TPA) of steel billets, metal refining (using LRF) ~50MT/batch, continuous casting (using CCM) ~50MT/hr ~950 MT/day (3,13,500 TPA) of rolled products (different rolled sections) and slag crushing (~40mt/day).
4	<b>Salient Features of the Project</b>	
4.1	Proposed production capacity	Proposed expansion, installed production capacity of the industrial unit will increase to ~980 MT/day (3,23,400TPA) of steel billets, metal refining (using LRF) ~50MT/batch, continuous casting (using CCM) ~50MT/hr ~950 MT/day (3,13,500 TPA) of rolled products (different rolled sections) and slag crushing (~40mt/hr).
4.2	Total Plot Area	Total Plot Area –8.06 Acres
4.3	Location	Jhumri Telaiya, Jharkhand (India)
4.4	Water requirement	Water is required to meet process cooling water make-up (~80 m3/day) and domestic requirement (~20 m3/day). The cooling water will be normal raw water for rolling mill activities and RO treated water for induction furnaces.
4.5	Source of water	Borewell
4.6	Wastewater	The domestic water consumption will result in generation of ~12 m3/day of domestic wastewater. The wastewaters will be treated and entirely reused.
4.7	Man Power	Around 300 persons
4.8	Electricity/Power requirement	The electrical power requirement will increase to ~24000 kVA. One DG set of 500 kVA already installed (as power back-up).
4.9	Alternative site	The proposed addition will be established in the existing plant premises only.
4.10	Land form, Land use and land ownership	Private land, owned by M/s. Dadijee Steel Manufacturing & Trading Private Limited

**Salient feature of the plant:**

S. No.	Particulars	Existing	Proposed expansion	Total
1.	Unit processes/ machinery	Induction furnace (10 MT/heat) Required utilities	Induction furnaces (100 MT/heat)	
	<b>Note:- Four Induction furnace is proposed to install of 25MT/day each and the existing furnace will be dismantled from the site.</b>			
			Ladle refining furnace (LRF) (~50MT/batch)	
			Continuous casting (con cast) machine (50 T/hr)	
			Rerolling mill (50MT/hr)	
			Slag crusher Required utilities(40MT/hr)	
2.	Installed production capacity	~90MT/day (Steel ingots/billets)		~980 MT/day (billets) & ~950 MT/day (steel rolled sections)
3.	Fixed capital investment (Rs)	12 .16 Cr	47.84 Cr	60 Cr
	CER cost		84.00 lakh (capital cost) 11.00 lakh (recurring cost)	95 Lakh
4.	Electrical power requirement	~6.5MVA	~17.5MVA	~24MVA
	• Sponge iron, Pig iron/ MS scrap	~129 MT/day	~1257MT/day	~1386 MT/day
	• Ferro-alloys	~1 MT/day	~13 MT/day	~14 MT/day
5..	Total land area	~ 12140.6 m2	~ 21714 m2	~33854 m2
6.	Manpower requirement (Direct)	~30	~50	~80
7.	Make up water requirement	~ 23m3/day	~35 m3/day	~58 m3/day
8.	Domestic water requirement	~2 m3/day	~1 m3/day	~3 m3/day

*[Signature]*

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9.	Domestic wastewater generation	~2 m3/day	~1m3/day	~3m3/day
10.	Solid waste generation <ul style="list-style-type: none"> <li>• Slag</li> <li>• Mill scale</li> </ul>	~35 MT/day NIL	~425 MT/day ~10 MT/day	~460 MT/day ~10 MT/day
14.	Hazardous waste <ul style="list-style-type: none"> <li>• APCD dust (35.1)</li> <li>• Waste oil/lubricant (5.1)</li> </ul>	~300 kg/day ~100 kg/year	~2700kg/day ~400kg/day	~3000 kg/day ~500 kg/year
15.	APCD- Bag-House Filter	1	2	3
16.	Fuel	HSD- DG sets Electricity- Induction furnace	Electricity and Furnace oil or Coal	

#### Employment details:

Existing	Proposed	Total
~80	~220	~300

#### Site analysis:

The Plant site is located at Jhumri Telaiya, Jharkhand (India). The Project is located near to telaiya town of Jharkhand. it is well connected to Gajhanndi Road at a distance of approx. 170 m. which further connects to NH 31 in south direction.

The site is connected by road and railways. The neighbouring city Koderma located about 11 km away from project site. The nearest railway station is Koderma Railway station about 13 km in ENE direction. The Nearest Airport is Gaya International Airport about 93 km away from project site.

#### Hazardous Waste & Solid Waste Management:

##### Hazardous waste will include;

- Sludges from air pollution control devices @3000 kg/day (Category 35.1 of Schedule-I) – the waste will be stored on-site in HDPE bags, inside a lined and covered room before being disposed through the State's common hazardous waste disposal facility.
- Waste/used oil/lubricant @500 kg/annum (Category 5.1 of Schedule-I) – the waste will be stored on-site in a covered room before being disposed through authorized recyclers.

##### Solid waste will include;

- Slag @~420 MT/day – reusable as building material (especially in road construction).

- b. Mill scale @10 MT/day – the waste has commercial worth and will be sold.

#### STATUTORY CLEARANCES :

1	CO	:	The CO, Koderma vide letter no. 107, dated 27.09.2019 has mentioned the plot nos. of the project is not recorded as “Jangle Jhari” in R.S. Khatiyan.
2	DFO Wild Life	:	DFO, Wildlife Hazaribagh vide letter no. 1383, dated 17.08.2021 certified that the National Park & Wildlife Sanctuary is not within 10 km from project site and proposed project is not situated in any ESZ.
3	DFO Forest Distance	:	DFO, Koderma Division vide letter no. 2608, Dated 08.07.2019 certified that the distance of notified forest is 280 m from proposed project site.

#### During the presentation the following documents were sought :

- Plant layout to be revised showing 33% of green belt.
- Source of raw materials alongwith mode of transport.
- Water permission letter to be provided.
- Characterisation of RSPM to be provided.
- Time bound action plan for public hearing.
- EMP budget to be revised.

#### The Project Authorities have submitted the revised PPT including the above.

The proposal was appraised by State Level Expert Appraisal Committee (SEAC) and recommended for grant of Environmental Clearance in 95<sup>th</sup> meeting held on 15<sup>th</sup>, 16<sup>th</sup>, 17<sup>th</sup>, 18<sup>th</sup>, 19<sup>th</sup>, 20<sup>th</sup>, 21<sup>st</sup> and 22<sup>nd</sup> July, 2022.

State Level Environment Impact Assessment Authority (SEIAA), Jharkhand in its 96<sup>th</sup> meeting held on 26<sup>th</sup>, 27<sup>th</sup> & 28<sup>th</sup> July, 2022 discussed the project proposal along with recommendations made by SEAC and decided to grant EC to the project.

On the basis of recommendation of SEAC and decision of SEIAA to grant of EC, Environmental Clearance is hereby issued to the **“Proposed expansion, installed production capacity of the industrial unit will increase to ~980 MT/day (3,23,400TPA) of steel billets, metal refining (using LRF) ~50MT/batch, continuous casting (using CCM) ~50MT/hr ~950 MT/day (3,13,500 TPA) of rolled products (different rolled sections) and slag crushing (~40mt/hr) of M/s Dadijee Steel Manufacturing & Trading Pvt. Ltd., Village : Gumo, Tehsil : Koderma,**





**Dist. : Koderma, Jharkhand”** alongwith the following conditions as recommended by SEAC with special conditions as follows:

**I. Specific Conditions:**

- i. This Environmental Clearance is valid subject to the following condition below –  
That this project has-
  - a. Obtained all legal rights to operate at concerned place.
  - b. Complied with all existing concerned laws of the land and
  - c. Complied with the decisions of SEIAA on the issue of Environmental Clearance till date.
- ii. Site specific wild life conservation plan is to be submitted within 60 days.
- iii. 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.
- iv. All raw material to be stored only under covered shed.
- v. PAs to offset (upto 20%) consumption of conventional energy sources by promoting use of solar energy, passive energy utilization, optimum fenestration, shading effect and heat islands.
- vi. 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.
- vii. Trees should be developed & maintained not less than 15% of project area.
- viii. Organic Waste Converter (OWC) to be installed of sufficient capacity such that all organic waste (bio degradable) generated is composted at source only.
- ix. Developers/Company to install STP of sufficient capacity such that all the sewer produced is treated and reused.
- x. 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.
- xi. Developers/Company to conduct and submit carbon footprint and carbon sequestration study report including mitigation measures as a part of EC compliance.
- xii. Water runoff originating from open non constructed areas of project premises to be harvested /guided in such a way that it does not create water logging condition outside.
- xiii. No mining/activity shall be undertaken in the forest land or deemed forest without obtaining requisite prior forestry clearance.
- xiv. This Environmental Clearance is granted subject to final outcome of Hon`ble Supreme Court of India, Hon`ble High Court, Hon`ble NGT, MoEF & CC and any other Court of Law, if any, as may be applicable to this project.





- xv. Environmental clearance is subject to obtaining prior clearance from forestry and Wildlife angle including clearance from standing committee of NBWL, as may be applicable to this project (in case any fauna occurs / is found in the Project area or if the area involves forest land or Wildlife habitat i.e. core zone of elephant/tiger reserve etc. and or located with in 10 km. of protected area).
- xvi. The project proponent may apply simultaneously for forest and NBWL clearance, in order to complete the formalities without undue delay, which till process on their respective merits, no rights will vest in or accrue to them unless all clearance are obtained.

## II. Statutory compliance:

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. 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".
- iii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iv. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (incase of the presence of schedule-I species in the study area)
- v. The project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State pollution Control Board/ Committee.
- vi. The project proponent shall obtain the necessary permission from the Central Ground Water Authority, in case of drawl of ground water / from the competent authority concerned in case of drawl of surface water required for the project.
- vii. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- viii. It shall be mandatory for the project management to submit six (06) monthly compliance report in respect of the stipulated prior environmental clearance terms and conditions in hard copies and soft copies to the regulatory authority



- concerned Regional Office of MoEF & CC at Ranchi and Jharkhand State Pollution Control Board (J.S.P.C.B.), Ranchi/SEIAA/CPCB.
- ix. Concealing factual data or submission of false/fabricated data and failure to comply with any of the conditions mentioned above may result in withdrawal of this clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - x. The SEIAA, Jharkhand or any other competent Authority may alter modify the above conditions or stipulate any further condition in the interest of Environment Protection.

### III. Air quality monitoring and preservation:

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time; S.O. 3305 (E) dated 7th December 2015(Thermal Power Plants) as amended from time to time) and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. The project proponent shall install system carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM<sub>10</sub> and PM<sub>2.5</sub> in reference to PM emission, and SO<sub>2</sub> and NO<sub>x</sub> in reference to SO<sub>2</sub> and NO<sub>x</sub> emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions. (case to case basis small plants: Manual; Large plants: Continuous)
- iv. The project proponent shall submit monthly summary report of continuous stack emission and air quality monitoring and results of manual stack monitoring and manual monitoring of air quality / fugitive emissions to Regional Office of MoEF & CC, Zonal office of CPCB and Regional Office of SPCB along with six- monthly monitoring report.
- v. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources.
- vi. The project proponent shall provide leakage detection and mechanised bag cleaning facilities for better maintenance of bags.
- vii. Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.



- viii. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after *briquetting* agglomeration.
- ix. The project proponent shall use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
- x. The project proponent shall provide covered sheds for raw materials like scrap and sponge iron, lump ore, coke, coal, etc.
- xi. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- xii. Design the ventilation system for adequate air changes as per ACGIH document for all tunnels, motor houses, Oil Cellars.

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

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 vide G.S.R 277 (E) dated 31st March 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)
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. The project proponent shall submit monthly summary report of continuous effluent monitoring and results of manual effluent testing and manual monitoring of ground water quality to Regional Office of MoEF&CC, Zonal office of CPCB and Regional Office of SPCB along with six-monthly monitoring report.
- iv. Adhere to 'Zero Liquid Discharge'.
- v. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- vi. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31<sup>st</sup> March 2012 (applicable to IF/EAF) as amended from time to time.



- vii. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off
- viii. The project proponent shall practice rainwater harvesting to maximum possible extent.
- ix. The project proponent shall make efforts to minimise water consumption in the steel plant complex by segregation of used water, practicing cascade use and by recycling treated water.

**V. Noise monitoring and prevention:**

- i. Noise level survey shall be carried as per the prescribed guidelines and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- ii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz. 75 dB (A) during day time and 70 dB(A) during night time.

**VI. Energy Conservation measures:**

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

**VII. Waste management:**

- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- iii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.
- iv. The waste oil, grease and other hazardous waste shall be disposed of as per the
- v. Hazardous & Other waste (Management & Transboundary Movement) Rules, 2016.







- vi. Kitchen waste shall be composted or converted to biogas for further use. *(to be decided on case to case basis depending on type and size of plant).*

#### **VIII. Green Belt:**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

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

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.

#### **X. Corporate Environment Responsibility:**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not



to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry / Regional Office along with the Six Monthly Compliance Report.

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

#### **XI. Miscellaneous:**

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely: PMIO, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.



- viii. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- ix. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- x. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- xi. Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xiv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
- xv. 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.
- xvi. Any appeal against this Environmental Clearance 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 :**

- i. The Authority reserves the right to add any new condition or modify the above conditions or to revoke the clearance if conditions stipulated above are not implemented to the satisfaction of Authority or for that matter for any other Administrative reason.
- ii. In view of MoEF & CC O.M. No.- 22-27/2015-IA-III, dated- 12.04.2016 The Environmental Clearance accorded shall be valid for a period of Seven (07) years. The PP shall not increase production rate and make modifications in process during the validity of Environmental Clearance.



- iii. In case of any deviation or alteration in the project proposed from those submitted to SEIAA, Jharkhand for clearance, a fresh reference should be made to SEIAA to assess the adequacy of the conditions imposed and to incorporate any new conditions if required.

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

Memo No.- EC/SEIAA/2021-22/2409/2021/212

Dated: 06/08/2022

Copy to:

1. Additional Chief Secretary, Department of Forests, Environment & Climate Change, Govt. of Jharkhand.
2. Deputy Commissioner, Koderma, District- Koderma, Jharkhand.
3. Divisional Forest Officer, Koderma Forest Division, Koderma, 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. Ministry of Environment, Forest and Climate Change, 2<sup>nd</sup> Floor, Jharkhand State Housing Board (HQ), Harmu Chowk, Ranchi, Jharkhand – 834002.
7. Member Secretary, Jharkhand State Pollution Control Board, Ranchi.
8. Secretary, Jharkhand State Expert Appraisal Committee, Ranchi.
9. Website.
10. Guard file.

  
Member Secretary  
State Level Environment Impact  
Assessment Authority, Jharkhand



