



सत्यमेव जयते

File No: IA-J-11011/679/2008-IA-II(IND-I)
Government of India
Ministry of Environment, Forest and Climate Change
IA Division



Date 20/03/2025



To,

M/s. MAITHAN STEEL AND POWER LTD
 9, AJC Bose Road, Ideal Centre
 6th floor, Kolkata , WEST BENGAL, 700017
 Email: madhur@maithangroup.com

Subject: Expansion of Steel Melting Shop (3,75,000 TPA to 8,89,000 TPA), Rolling Mill (2,97,000 TPA to 8,40,000 TPA) with Reheating Furnaces, Cold Drawing Workshop (33,000 TPA to 70,000 TPA) with 1,05,000 TPA Slag Crushing Unit and 60,000 TPA Protective Coating Workshop within existing Steel Plant at Nakrajoria, Tehsil Salanpur, District Paschim Bardhaman, West Bengal by M/s Maithan Steel & Power Limited, located at Nakrajoria, Tehsil Salanpur, District Paschim Bardhaman, West Bengal -Grant of Environmental Clearance-Reg

Sir/Madam,

This is in reference to your application submitted to MoEF&CC vide proposal number IA/WB/IND1/437222/2023 dated 08/10/2023 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.	EC23A1008WB5435864N
(ii) File No.	IA-J-11011/679/2008-IA-II(IND-I)
(iii) Clearance Type	Fresh EC
(iv) Category	A
(v) Project/Activity Included Schedule No.	3(a) Metallurgical Industries (ferrous and non ferrous)
(vi) Sector	Industrial Projects - 1
(vii) Name of Project	Expansion of Steel Melting Shop (3,75,000 TPA to 8,89,000 TPA), Rolling Mill (2,97,000 TPA to 8,40,000 TPA) with Reheating Furnaces, Cold Drawing Workshop (33,000 TPA to 70,000 TPA) with 1,05,000 TPA Slag Crushing Unit and 60,000 TPA Protective Coating Workshop within existing Steel Plant at Nakrajoria, Tehsil Salanpur, District Paschim Bardhaman, West Bengal by M/s.

(viii) Name of Company/Organization

Maithan Steel & Power Limited

(ix) Location of Project (District, State)

MAITHAN STEEL AND POWER LTD

(x) Issuing Authority

PASCHIM BARDHAMAN, WEST BENGAL

(xi) Applicability of General Conditions as per EIA Notification, 2006

MoEF&CC

No

3. The proposed project activity is listed at schedule no. 3(a) Metallurgical Industries (ferrous & non-ferrous) and 1 (d) Thermal Power Plants under Category "A" of the schedule of the EIA Notification, 2006 and appraised at Central Level.

4. The instant proposal was initially considered during the 47th meeting of the EAC for Industry-I sector held on 25th – 27th October, 2023 wherein the Committee deferred the proposal for additional information. Based on the ADS reply the proposal further considered in the 74th EAC Meeting held during 10th – 11th February 2025 wherein after detailed deliberations, the committee recommended the proposal for grant of Environment Clearance under the provisions of EIA Notification, 2006 subject to the stipulation of specific conditions and general conditions. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.

5. The details of the proposal are as per the EIA/EMP report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meetings of EAC (Industry 1 Sector) are at Annexure-II.

6. The Unit configuration and capacity of the proposed project is at Annexure-III.

7. The EAC, in its 74th EAC Meeting held during 10th – 11th February 2025, inter-alia, deliberated the following:

1. The instant proposal is for expansion of Steel Melting Shop (3,75,000 TPA to 8,89,000 TPA), Rolling Mill (2,97,000 TPA to 8,40,000 TPA) with Reheating Furnaces, Cold Drawing Workshop (33,000 TPA to 70,000 TPA) with 1,05,000 TPA Slag Crushing Unit and 60,000 TPA Protective Coating Workshop within existing Steel. The existing project was accorded Environmental clearance vide letter no. J- 11011/679/2008-IA-II (I) dated 16.04.2019 for expansion of steel melting Shop (I.F with LRF & CCM: from 1,35,000 TPA to 3,75,000 TPA(4 X 15 T IF & 3 x 20 T IF with matching LRF+ CCM), Rolling Mill from 90,000 TPA to 2,97,000 TPA(1x 300 TPD & 1 x 600 TPD), Cold Drawing Workshop 33,000 TPA(1 x 100 TPD). Further, amendment in EC regarding change in configuration of Induction Furnace & Ladle refining furnace from 8 x 15 T IF +2 CCM + LRF to 4 x 15 T IF + 3 x 20 T IF + 2 CCM+ LRF was obtained on 14.10.2019. Latest Consent to Operate (CTO) for the existing unit was obtained from WBPCB vide CFO No. CO134684 dated 02.08.2023. The validity of CTO is up to 30.06.2028.
2. The EAC, constituted under the provision of the EIA Notification, 2006 comprising Expert Members/domain experts in various fields, examined the proposal submitted by the Project Proponent in desired format along with EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.
3. The EAC noted that the Project Proponent has given an undertaking that the data and information given in the application and enclosures are true to the best of his knowledge and belief and no information has been suppressed in the EIA/EMP reports. If any part of data/information submitted is found to be false/ misleading at any stage, the project will be rejected and Environmental Clearance given, if any, will be revoked at the risk and cost of the project proponent.
4. The Committee noted that the EIA reports are in compliance of the ToR issued for the project, reflecting the present environmental status and the projected scenario for all the environmental components. The Committee deliberated on the proposed mitigation measure towards Air, Water, Noise and Soil pollutions. The Committee suggested that the storage of toxic/explosive raw materials/products shall be undertaken with utmost precautions and following the safety norms and best practices.
5. The EAC also took into consideration the drone survey of the project site and kml file on the Google Earth presented by the project proponent along with DSS of the project site on PARIVESH and made following deliberations

accordingly.

6. The existing plant area is 10.27 hectares (25.38 acres) which is already industrial land and additional area is 9.23 hectares (22.8 acres). Therefore, after expansion plant area will be 19.5 hectare (48.18 acres). Complete land is under the possession of the company.
7. The nearest habitation to plant is Dendua (0.2 km) and Digari (0.5 km) villages along with other sensitive areas such as schools within the study area of the project site. The EAC opined that proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
8. There are water bodies are present within the study area of the project site. The EAC opined that a robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
9. After proposed expansion, the total water requirement will be 2000 KLD which will be obtained from Barakar River. The EAC deliberated on the water requirement is of the opinion that PP shall obtain necessary permission from the Competent Authority.
10. The Committee has deliberated on the baseline data and incremental GLC due to the proposed project and noted that PM_{2.5} and PM₁₀ are reported high. The EAC opined that PP shall undertake stringent measures to minimise the levels of PM₁₀ and PM_{2.5}.
11. The Committee also deliberated on the public hearing issues along with action plan submitted by the proponent to address the issues raised during the public hearing and found it satisfactory.
12. The PP submitted that the company is proposing to develop 6.50 ha (~ 33% of the total plant area i.e. 19.5 ha) under greenbelt / plantation; out of which, at present, approx. 6.23 ha (~ 31.9% of the total plant area) has already been covered under greenbelt / plantation. The remaining 0.27 ha will be developed under greenbelt / plantation in the upcoming monsoon. Letter from DFO has also been obtained confirming the already developed greenbelt / plantation area (i.e. 6.23 ha) vide their letter no. 3805/2-50(A) dated 06th Dec., 2024. Total 13927 trees have already been planted in ~6.23 ha area @2235 saplings/ha. Company will strengthen the existing greenbelt uniformly distributed along the periphery of the proposed project boundary in a three-tier system & within the premises as per the CPCB guidelines by gap filling. Additional 1648 saplings will be planted in existing greenbelt area (i.e. 6.23 ha area) to increase the density @2500 saplings/ha. In addition to above, the company will plant 675 saplings in 0.27 ha remaining area @2500 saplings / ha. Thus, the total saplings will be 16250 nos. in ~6.50 ha area (~ 33% of the total plant area i.e. 19.5 ha) planted @2500 saplings / ha. The EAC deliberated on the greenbelt layout plan and is of the opinion that greenbelt shall be completed as committed.
13. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.
14. The EAC deliberated on the certified compliance report of IRO along with ATR and closure report and found it satisfactory.
15. The EAC also deliberated on the ADS reply of project proponent and found it satisfactory.
16. The EAC also deliberated on the written submission of project proponent and found it satisfactory.
17. The EAC deliberated on the proposal with due diligence in the process as notified under the provisions of the EIA Notification, 2006, as amended from time to time and accordingly made the recommendations to the proposal. The Experts Members of the EAC found the proposal in order and recommended for grant of environmental clearance.

18. The environmental clearance recommended to the project/activity is strictly under the provisions of the EIA Notification 2006 and its subsequent amendments. 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. The project proponent shall obtain necessary permission as mandated under the Water (Prevention and Control of Pollution) Act, 1974 and the Air (Prevention and Control of Pollution) Act, 1981, as applicable from time to time, from the State Pollution Control Board, prior to construction & operation of the project.

19. The EAC also reviewed the EC conditions (specific and general) pertaining to Industry-I projects and observed that some of the specific conditions stipulated so far in the previously recommended EC projects are common and applicable to most of the projects in general. In view of the same, the General Conditions (in case of EC projects) have been revised through reallocation of these common conditions from specific to General Conditions (in case of EC projects). Accordingly, the instant project is also being stipulated with the modified General conditions.

8. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1 Sector) hereby decided to **grant Environment Clearance** for instant proposal of **M/s. Maithan Steel & Power Private Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions (**Annexure-I**). **The PP shall ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE**

9. The Ministry reserves the right to stipulate additional conditions, if found necessary at subsequent stages and the project proponent shall implement all the said conditions in a time bound manner. The Ministry may revoke or suspend the environmental clearance, if implementation of any of the above conditions is not found satisfactory.

10. 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 the Environment (Protection) Act, 1986.

11. 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.

12. 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.

13. This issues with approval of the competent authority.

(Dinesh Runiwal)
Scientist-F / Director
IA Division MoEFCC
011-20819346/ d.runiwal@gov.in

Copy To

1. Secretary, Department of Environment, Government of West Bengal, Secretariat Kolkata.
2. Secretary, Department of Forests, Government of West Bengal, Kolkata.
3. Regional Officer, Ministry of Environment, Forest and Climate Change, Integrated Regional Office, IB – 198, Sector-III, Salt Lake City, Kolkata - 700106.

4. Chairman, Central Pollution Control Board, CBD-Cum-Office Complex, East Arjun Nagar, New Delhi-110 032.
5. Chairman, West Bengal State Pollution Control Board, Paribesh Bhawan, 10A- Block LA, Sector –III, Salt Lake City, Kolkata – 700 098.
6. Member Secretary, Central Ground Water Authority, A2, W3 Curzon Road Barracks, K.G. Marg, New Delhi-110001.
7. District Collector, **Paschim Bardhaman** District, West Bengal.

(Dinesh Runiwal)
Scientist-F / Director

Annexure 1

Specific EC Conditions for (Metallurgical Industries (Ferrous And Non Ferrous))

1. Specific

S. No	EC Conditions
1.1	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.
1.2	The project proponent shall comply with all the environmental protection measures and safeguards proposed in the documents submitted to the Ministry. All the recommendations made in the EIA/EMP in respect of environmental management, and risk mitigation measures relating to the project shall be implemented.
1.3	The project proponent shall utilize modern technologies for capturing carbon emission and shall also develop adequate carbon sink/ carbon sequestration resources with an aim to meet the carbon neutrality mission in a time bound manner. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.
1.4	The nearest habitation to plant is Dendua (0.2 km) and Digari (0.5 km) villages along with other sensitive areas such as schools within the study area of the project site. Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The project proponent needs to strengthen green belt all around the plant area to reduce the dust pollution. The PP shall also include some of these locations in its environmental monitoring programme.
1.5	PP shall undertake stringent measures to minimise the levels of PM10 and PM2.5.
1.6	There are water bodies are present within the study area of the project site e. A robust and full proof Drainage Conservation scheme to protect the natural drainage and its flow parameters; along with Soil conservation scheme and multiple Erosion control measures shall be implemented.
1.7	Total Water requirement of 2000 KLD after proposed expansion shall be sourced from Barakar River. PP shall obtain necessary permission from the Competent Authority.
1.8	Three tier Green Belt shall be developed in atleast 33% of the project area, as committed, of adequate width and tree density shall not be less than 2500 per ha. Survival rate of green belt developed shall be monitored on periodic basis to ensure that damaged plants are replaced with new plants in the subsequent years. PP shall also develop greenbelt in the form of shelter belt comprising

S. No	EC Conditions
	of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises to act as green barrier for air pollution & noise levels towards sensitive areas nearby project site. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
1.9	The PP shall undertake plantation, in compliance to MoEFCC OM dated 24.07.2024, in the earmarked 33% or 40% greenbelt area, as the case may be, as a part of tree plantation campaign 'Ek Ped Maa Ke Naam' Campaign and the details of the same shall be uploaded on MeriLiFE portal at (https://merilife.nic.in)
1.10	All the commitments made towards socio-economic development of the nearby villages shall be satisfactorily implemented. The action plan based on the social impact assessment study of the project as per the EMP in accordance to the Ministry's OM dated 30.09.2020 amounting to Rs. 3 Crores shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
1.11	The project proponent shall undertake village adoption programme and prepare and implement the action plan to develop them into a model village in consultation with the State Administration.
1.12	The PP shall ensure compliance of OM dated 14-01-2025 regarding streamlining the implementation of GSR 702 and GSR 703 dated 12-11-2024 through which projects requiring prior EC were exempted from requirement of CTE

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 02 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

S. No	EC Conditions
	accredited laboratories.
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 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 shall be provided as per CPCB guidelines for manual monitoring of emissions.
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. The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.
2.9	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
2.10	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
2.11	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
2.12	Pollution control system in the plant shall be provided as per the CREP Guidelines of CPCB.
2.13	The project proponent shall adopt the Clean Air practices like mechanical collectors, wet scrubbers, fabric filters (bag houses), electrostatic precipitators, combustion systems (thermal oxidizers), condensers, absorbers, adsorbers, and biological degradation. Controlling emissions related to transportation shall include emission controls on vehicles as well as use of cleaner fuels. Sufficient numbers of additional truck mounted Fog/Mist water cannons shall be procured and operated regularly inside the project premises and also in the surrounding villages to arrest suspended dust in the atmosphere.
2.14	Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.

S. No	EC Conditions
2.15	Water Sprinklers/Water mist system shall be installed near raw material yards, operational units and other strategic locations to control fugitive emissions from the plant.
2.16	The particulate matter emissions from the process stacks shall be less than 30 mg/Nm ³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
2.17	Following additional arrangements to control fugitive dust shall be provided: a. Fog / Mist Sprinklers at all on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas. b. Proper covered vehicle shall be used while transport of materials. c. Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.
2.18	Online stack monitoring system for IF and RHF shall be installed and monitoring report shall be submitted to the concerned Regional Office of the MoEF&CC along with the six monthly compliance report.
2.19	Low NO _x Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.

3. Water Quality Monitoring And Preservation

S. No	EC Conditions
3.1	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 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.
3.2	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 recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
3.3	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.
3.4	Water meters shall be provided at the inlet to all unit processes in the steel plants.
3.5	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.
3.6	The proposed project shall be designed as Zero Liquid Discharge Plant. ETP shall be installed and there shall be no discharge of effluent from the plant. Domestic effluent shall be treated in Sewage Treatment Plant. Suitable measures shall be adopted for sewage water handling to ensure no contamination of any kind of water body.
3.7	All stockyards shall have impervious flooring and shall be equipped with water spray system for

S. No	EC Conditions
	dust suppression. Stock yards shall also have garland drains and catch pits to trap the run off material and shall be implemented as per the action plan submitted in EIA/EMP report.
3.8	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.

4. Water Quality Monitoring And Preservation In Case Of Rolling Mills

S. No	EC Conditions
4.1	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.
4.2	Cold Rolling Mill (CRM), color coating and galvanizing plants shall have CETP to treat and recycle the treated water from CRM complex. Sludge generated at CRM ETP shall be sent to TSDF.

5. Noise Monitoring And Prevention

S. No	EC Conditions
5.1	Noise pollution shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and amendments thereof, and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
5.2	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.

6. Energy Conservation Measures

S. No	EC Conditions
6.1	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;
6.2	Provide LED lights in their offices and residential areas.

7. Energy Conservation Measures In Case Of Reheating Furnace

S. No	EC Conditions
7.1	The project proponent shall provide waste heat recovery system (pre-heating of combustion air) at the flue gases of reheating furnaces.
7.2	Practice hot charging of slabs and billets/blooms as far as possible.
7.3	Ensure installation of regenerative type burners on all reheating furnaces

8. Waste Management

S. No	EC Conditions
8.1	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil.
8.2	Kitchen waste shall be composted or converted to biogas for further use.
8.3	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.
8.4	The Plastic Waste Management Rules 2016, inter-alia, mandated banning of identified Single Use Plastic (SUP) items with effect from 01/07/2022. In this regard, CPCB has issued a direction to all the State Pollution Control Boards (SPCBs)/Pollution Control Committees (PCCs) on 30/06/2022 to ensure the compliance of Notification published by Ministry on 12/08/2021. The technical guidelines issued by the CPCB in this regard is available at https://cpcb.nic.in/technical-guidelines-3/ . All the project proponents are hereby requested to sensitize and create awareness among people working within the Project area as well as its surrounding area on the ban of SUP in order to ensure the compliance of Notification published by this Ministry on 12/08/2021. A report, along with photographs, on the measures taken shall also be included in the six monthly compliance report being submitted by the project proponents.
8.5	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
8.6	Solid waste utilization: a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making. b. PP shall recycle/reuse solid waste generated in the plant as far as possible. c. Used refractories shall be recycled as far as possible.

9. Waste Management In Case Of Sinter Plant

S. No	EC Conditions
9.1	SMS slag after metal recovery in waste recycling facility shall be conditioned and used for road making, railway track ballast and other applications. The project proponent shall install a waste recycling facility to recover metallic and flux for recycle to sinter plant. The project proponent shall establish linkage for 100% reuse of rejects from Waste Recycling Plant.
9.2	Carbon recovery plant to recover the elemental carbon present in GCP slurries for use in Sinter plant shall be installed.
9.3	Waste recycling Plant shall be installed to recover scrap, metallic and flux for recycling to sinter plant and SMS.

10. Green Belt

S. No	EC Conditions
10.1	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration by trees.
10.2	Project proponent shall submit a study report on Decarbonisation program, which would essentially consist of company's carbon emissions, carbon budgeting/ balancing, carbon sequestration activities and carbon capture, use and storage and offsetting strategies. Further, the report shall also contain time bound action plan to reduce its carbon intensity of its operations and supply chains, energy transition pathway from fossil fuels to Renewable energy etc. All these activities/ assessments should be measurable and monitor able with defined time frames.
10.3	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.

11. Public Hearing And Human Health Issues

S. No	EC Conditions
11.1	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
11.2	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.
11.3	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, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
11.4	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

12. Environment Management

S. No	EC Conditions
12.1	The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020. As part of Corporate Environment Responsibility (CER) activity, company shall adopt nearby villages based on the socio-economic survey and undertake community developmental activities in consultation with the village Panchayat and the District Administration as committed.
12.2	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.

S. No	EC Conditions
12.3	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.
12.4	Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Integrated Regional Office of the MoEF&CC.

13. Miscellaneous

S. No	EC Conditions
13.1	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.
13.2	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.
13.3	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.
13.4	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (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.
13.5	Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented
13.6	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.
13.7	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.
13.8	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.
13.9	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.

S. No	EC Conditions
13.10	The recommendations of the approved Site-Specific Wildlife Management Plan (in case of involvement of Schedule-I species) shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report to the concerned Regional Office of the MoEF&CC.
13.11	The PP shall put all the environment related expenditure, expenditure related to Action Plan on the PH issues, and other commitments made in the EIA/EMP Report etc. in the company web site for the information to public/public domain. The PP shall also put the information on the left over funds allocated to EMP and PH as committed in the earlier ECs and shall be carried out and spent in next three years, in the company web site for the information to public/public domain.
13.12	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).
13.13	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.
13.14	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
13.15	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
13.16	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.
13.17	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.

Additional EC Conditions

NA

S.No	Particulars	Details															
a.	Terms of Reference for undertaking EIA study	22.12.2021															
b.	Period of baseline data collection	December 2021 to February 2022															
c.	Date of Public Consultation	29th September, 2022 at 12:00 P.M.															
d.	Action plan to address the PH issues	Public Hearing and need based activities detail proposed are attached as Annexure IV .															
e.	Location of the project	Located at Nakrajoria, Tehsil Salanpur, District Paschim Bardhaman, West Bengal															
f.	Total land	The existing plant area is 10.27 hectares (25.38 acres) which is already industrial land and additional area is 9.23 hectares (22.8 acres). Therefore, after expansion plant area will be 19.5 hectare (48.18 acres).															
g.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Complete land is under the possession of the company															
h.	Existence of habitation & involvement of R&R, if any	<p>Plant Site: No habitation exists within the plant site. Study Area: Village falling near to the project site is given below:</p> <table border="1"> <thead> <tr> <th>Habitation</th><th>Distance (km)</th><th>Direction</th></tr> </thead> <tbody> <tr> <td>Dendua</td><td>0.2</td><td>North</td></tr> <tr> <td>Digari</td><td>0.5</td><td>SW</td></tr> <tr> <td>Salanpur</td><td>1.0</td><td>SE</td></tr> <tr> <td>Nakrajuria</td><td>1.0</td><td>West</td></tr> </tbody> </table>	Habitation	Distance (km)	Direction	Dendua	0.2	North	Digari	0.5	SW	Salanpur	1.0	SE	Nakrajuria	1.0	West
Habitation	Distance (km)	Direction															
Dendua	0.2	North															
Digari	0.5	SW															
Salanpur	1.0	SE															
Nakrajuria	1.0	West															
i.	Elevation of the project site	170 m to 194 m above mean sea level.															
j.	Involvement of Forest land if any.	No Forest Land is involved in the project site.															
k.	Water body exists within the project site as well as study area	<p>Plant site: None Study area:</p> <table border="1"> <thead> <tr> <th>Water body</th><th>Distance (km)</th><th>Direction</th></tr> </thead> <tbody> <tr> <td>Maithan Reservoir</td><td>4.0</td><td>NW</td></tr> <tr> <td>Barakar River</td><td>4.0</td><td>WSW</td></tr> </tbody> </table>	Water body	Distance (km)	Direction	Maithan Reservoir	4.0	NW	Barakar River	4.0	WSW						
Water body	Distance (km)	Direction															
Maithan Reservoir	4.0	NW															
Barakar River	4.0	WSW															
l.	Existence of ESZ / ESA /	No National Parks, Wildlife Sanctuaries, Reserved Forests (RF),															

S.No	Particulars	Details						
	national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Biosphere Reserves, Tiger/ Elephant Reserves, Wildlife Corridors etc. lies within 10 km radius. Few patches of unnamed Protected Forest (PF) are found in the study area.						
m.	Project cost	The Capital cost of the proposed project is Rs. 198 Crores						
n.	EMP cost	<table> <tr> <th>EMP</th><th>Capital (Rs. in Crores)</th><th>Recurring (Rs. in Crores)</th></tr> <tr> <td></td><td>12.0 Crores</td><td>1.2 Crores</td></tr> </table>	EMP	Capital (Rs. in Crores)	Recurring (Rs. in Crores)		12.0 Crores	1.2 Crores
EMP	Capital (Rs. in Crores)	Recurring (Rs. in Crores)						
	12.0 Crores	1.2 Crores						
o.	Employment opportunity	The employment generation from the project/expansion is 500 (350 Regular & 150 Contractual)						
p.	Water and Power requirement	Total water requirement for the project after expansion is 2000 m ³ /day and total power requirement is 88 MW						
q.	CPA/SPA	The plant site is not located in CPA/SPA						

The unit configuration and capacity of existing and proposed project is given as below

Units	Existing Configuration As per EC dated 16.04.2019	Existing capacity in TPA As per EC dated 16.04.2019	Proposed configuration	Proposed capacity in TPA (Considering 350 working days)	Final configuration	Final capacity in TPA	End use
SMS (IF, LRF & matching CCM)	4 x 15T IF, 3 x 20T IF With matching LRF + 2 CCM	3,75,000 Billets	Increasing by augmentation & process modification in the existing Induction Furnace to 4 x 16.5 T IF, 3 x 22 T IF With matching LRF+2 CCM	87,000	4 x 16.5T IF, 4 x 22 T IF 4 x 25T IF With matching LRF + 3 CCM	8,89,000 Billets	Rolling Mill & Sale
	-	-	4 x 25T IF+ 1 x 22 T IF +With matching LRF+1 CCM	4,27,000			
Rolling mill	1 x 300 TPD, 1 x 600 TPD	2,97,000 Long & Flat product	-	18,000	1 x 1000 TPD; 1 x 800 TPD; 1 x 600 TPD	8,40,000 Long products like TMT, MS Round, Wire Rod and Structural steel & flat products like strips	Sale
	-	-	1 x 300 TPD to be modified to 1 x 800 TPD & 1 x 1000 TPD	5,25,000			
Cold Drawin	1 x 100 TPD	33,000	-	2,000	2 x 100 TPD	70,000	Sale

Units	Existing Configuration As per EC dated 16.04.2019	Existing capacity in TPA As per EC dated 16.04.2019	Proposed configuration	Proposed capacity in TPA (Considering 350 working days)	Final configuration	Final capacity in TPA	End use
g Worksh op		Cold drawn Torkari, Black Wire, Nails, corrugated sheets, Wire Mesh, MS Pipes & structural Tubes etc.				Torkari (Ribbed Bars), Black wire, Nails, corrugated sheets, Wire Mesh, MS Pipes & structural Tubes etc.	
	-	-	1 x 100 T	35,000			
Reheating Furnace	-	-	1 x 20 TPH; 1 x 40 TPH	As per requirement	1 x 20 TPH; 1 x 40 TPH	As per requirement	Rolling Mill
Slag Crushing Unit	-	-	3 x 100 TPD	1,05,000	3 x 100 TPD	1,05,000	Recovered metal reused in the SMS
Protective Coating Worksh op	-	-	-	60,000	60,000	60,000	-

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

Sr. No.	Concerns raised during the Public Hearing	Physical activity to be done	Budgets in Lakhs			Total Budget (in Lakhs)
			1 st Year	2 nd Year	3 rd Year	
1.	Skill Development & Women empowerment	Skill Development: - Vocational training at plant, Seminar on farming & animal husbandry. Women Empowerment: - Helping self-help groups and financial assistance to Women to start their livelihood	30	20	0	50
2.	Water Conservation and Drainage System	Restoration of local ponds and construction of rainwater harvesting structures in the local community	10	10.0	15.0	35.0
3.	Infrastructure Development	Road Construction, Repair of School Buildings, Village Road Repairing	50.0	50.0	44.0	144.0
4.	Upgradation of health facility	Providing Beds, Oxygen cylinders, health checkup instruments to the Primary Health Centers & hospitals	13.0	14.0	5.0	32.0
5.	Avenue Plantation	Plantation of saplings along roads, highway, pathway and on the roads towards primary health centers and schools in the villages	5.0	3.0	2.0	10.0
Budget as per PH issues to be spent mostly in the nearby villages-Khudika, Roopnagar, Dendua, Salanpur & Harishadi			108.0	97.0	66.0	271.0
Budget as activities targeted under Model Village development programme (2 villages)			12.0	10.0	7.0	29.0
Total			120.0	107.0	73.0	300.0