



Government of India
Ministry of Environment, Forest and Climate Change
(Impact Assessment Division)

To,

The CEO
SBF ISPAT PVT. LTD.
WZ 106/80, Rajori Garden Ext. Delhi,,Alwar,Rajasthan-302021

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 Ministry vide proposal number IA/RJ/IND1/408549/2022 dated 20 Jan 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|---|
| 1. EC Identification No. | EC23A008RJ167160 |
| 2. File No. | IA-J-11011/29/2018-IA-II(IND-I) |
| 3. Project Type | Expansion |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous) |
| 6. Name of Project | Expansion in the production capacity under Para 7 (ii) of EIA notification 2006 for enhancement in the production capacity of MS Billets from 1,32000 TPA to 1,58,400 TPA & TMT Bars 2,00,000 TPA with existing facility of two induction furnace (20 MT each) and Reheating Furnace (30TPH) and Rolling Mill at Plot No. F-109-117 & G-143-151 (Karoli Industrial Area), Village Tapukara, Tehsil Tijara, District Alwar, Rajasthan by M/s. SBF Ispat Private Limited. |
| 7. Name of Company/Organization | SBF ISPAT PVT. LTD. |
| 8. Location of Project | Rajasthan |
| 9. TOR Date | N/A |

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

Date: 16/03/2023

(e-signed)
Dr. R. B. Lal
Scientist F
IA - (Industrial Projects - 1 sector)

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.

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F. No. IA-J-11011/29/2018-IA-II(IND-I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division – Industry I sector)

Indira Paryavaran Bhawan
Vayu Wing, 3rd Floor,
Jor Bagh Road, Aliganj,
New Delhi – 110003

Dated: 16th March, 2023

To,

M/s SBF Ispat Private Limited.
WZ 106/80, Rajori Garden Ext. Delhi,
Delhi West – 302 021
Email: sbfispat2017@gmail.com

Project: Expansion in the production capacity of MS Billets from 1,32,000 TPA to 1,58,400 TPA & TMT Bars 2,00,000 TPA with existing facility of two induction furnace (20 MT each) and Reheating Furnace (30TPH) and Rolling Mill by M/s. SBF Ispat Private Limited at Plot No. F-109-117 & G-143-151 (Karoli Industrial Area), Village Tapukara, Tehsil Tijara, District Alwar, Rajasthan – Grant of Environmental Clearance under para 7(ii) of EIA Notification, 2006 in pursuance to the Ministry's O.M. dated 11.04.2022 regarding.

Sir,

This refers to your proposal no. IA/RJ/IND1/408549/2022, dated 20.01.2023 along with copy of EIA/EMP Report, Form-1 & Certified compliance report seeking **Environment Clearance (EC)** under para 7(ii) (a) of the EIA Notification, 2006 for the project mentioned above. Further, The PP has uploaded the written submission on Parivesh Portal on 16.02.2023.

2. The proposed project activity is listed at schedule no. 3 (a) Metallurgical industries (ferrous & non-ferrous) & 1(d) Thermal Power Plants under Category "B" of the schedule of the EIA Notification, 2006 and general condition is applicable as Rajasthan SPCB has notified Bhiwadi as Critically Polluted Area (CPA) vide Letter No. CPCB/ IPC/ CEPI/ Rajasthan/ Action plan/ 8050 dt 12.10.2020, and the project site is falling within 5km i.e. 1.38 km (N) from Kushkera CEPI boundary and therefore the proposal being appraised at Central Level as Category 'A'.

3. The instant Proposal was considered and recommended in the 22nd meeting of Expert Appraisal Committee (Industry-1 Sector) held during 30th – 31st January, 2023. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>

4. 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 as under: -

S. No.	Particulars	Details submitted by PP
a.	Terms of Reference for undertaking EIA study	The proposal is under para 7(ii) of EIA Notification, 2006 in pursuance to the Ministry's O.M. dated 11.04.2022



S. No.	Particulars	Details submitted by PP										
b.	Period of baseline data collection	March to May 2022										
c.	Date of Public Consultation	Earlier PH was conducted on 31.07.2018. at present the instant proposal is under para 7(ii) of EIA Notification, 2006 in pursuance to the Ministry's O.M. dated 11.04.2022										
d.	Action plan to address the PH issues	An amounts of Rs 10 Lakhs have been earmarked to address the issues raised during public hearing. Detail of activities proposed attached as Annexure 1 .										
e.	Location of the project	Village Tapukara, Tehsil Tijara, District Alwar, Rajasthan										
f.	Latitude and Longitude of the project site	<table border="1"> <thead> <tr> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>29°5'53.38"N</td> <td>76°48'44.51"E</td> </tr> <tr> <td>28°5'49.50"N</td> <td>76°48'43.22"E</td> </tr> <tr> <td>28°5'49.68"N</td> <td>76°48'33.36"E</td> </tr> <tr> <td>28°5'53.38"N</td> <td>76°48'34.09"E</td> </tr> </tbody> </table>	Latitude	Longitude	29°5'53.38"N	76°48'44.51"E	28°5'49.50"N	76°48'43.22"E	28°5'49.68"N	76°48'33.36"E	28°5'53.38"N	76°48'34.09"E
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28°5'53.38"N	76°48'34.09"E											
g.	Total land	3.22 Ha No additional land will be required for the proposed expansion as it is proposed within the existing facility. This unit got the land allotted by the RIICO										
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Land is under the possession of M/s SBF Ispat Pvt. Ltd.										
i.	Existence of habitation & involvement of R&R, if any	Nil Nearest habitation: Tapukara- 2.21 km, NE										
j.	Elevation of the project site	269 Meter AMSL										
k.	Involvement of Forest land if any.	No Forest Land is involved.										
l.	Water body exists within the project site as well as study area	Project Site – Nil Study Area Chaundi Nadi-6.81 km towards South Sahibi River-5.71 km towards WSW										
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Project area: Nil List of Reserved and protected forests: Khorī Kalan P.F- 4.76 km –ENE Banvan P.F.- 4.88 km – NE Godhan PF. – 8.77 km – NE										
n.	Project cost	Existing capital cost of project was Rs. 85.3052 Crores. The capital cost of the proposed facilities is Nil. Thus total project cost after expansion remain the same as Rs. 85.3052 Crores.										
o.	EMP cost	The capital cost for environmental management after expansion of project is estimated to be Rs. 245 lakhs. Rs. 41 lakhs per year is required as annual recurring expenses to meet the recurring expenditure for implementing the measures										

S. No.	Particulars	Details submitted by PP
p.	Employment opportunity	The employment generation from the existing project is 200 Nos and for the proposed expansion there will not be any additional employment.
q.	Water and Power requirement	Total existing Water requirement is 40 m ³ /day and is being sourced from ground water. NOC for Ground Water extraction has been obtained vide letter no. CGWA/NOC/IND/ORIG/2021/11564 dated 13.02.2021. No additional water will be required for the proposed expansion. Existing power requirement is 15 MW power and 7MW additionally will be required for the proposed expansion of the project and will be sourced from JVVNL supply. 2 x 500 kVA DG set is already installed to be used during emergency power failure.

Unit configuration and capacity:

Description	Existing (As Per EC Granted)	Proposed expansion Configuration	Final capacity/ Configuration
Unit			
Induction Furnace	2 x 20 Tonne	No Change	2 x 20 Tonne
Continuous Casting Machine (4/7 radius)	2 Strand	No Change	2 Strand
Reheating Furnace	30 Tonne	No Change	30 Tonne
Rolling Mill	2,00,000 TPA	No Change	2,00,000 TPA
Product			
M.S Billets	1,32,000 TPA	26,400 TPA	1,58,400 TPA
TMT Bars & Rolled Product	2,00,000 TPA	No Change	2,00,000 TPA

6. The EAC, in its meeting held during 30th – 31st January, 2023, inter-alia, deliberated the following:

- i. The instant proposal is for expansion in production capacity of MS billets from 1,32,000 TPA to 1,58,400 TPA & Rolling Mill for manufacturing of TMT Bars 2,00,000 TPA within existing facility of two induction furnace (20 Tonne each) with Reheating Furnace (30TPH).
- ii. The proposal falls under Category “B” of the schedule of the EIA Notification, 2006, however, general condition is applicable as Rajasthan SPCB has notified Bhiwadi as Critically Polluted Area (CPA) vide Letter No. CPCB/ IPC/ CEPI/ Rajasthan/ Action plan/ 8050 dt 12.10.2020, and the project site is falling within 5 km i.e. 1.38 km (N) from Kushkera CEPI boundary and therefore the proposal being appraised at Central Level as Category ‘A’.
- iii. 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 addendum to the EIA/EMP reports prepared and submitted by the Consultant accredited by the QCI/ NABET on behalf of the Project Proponent.

- iv. 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 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.
- v. The EAC deliberated on the justification provided by the Project Proponent for appraisal of instant proposal under para 7(ii) of EIA Notification, 2006 in pursuance to the Ministry's O.M. dated 11.04.2022 and found it satisfactory. EAC is of the view that the instant project is qualifying the criteria mentioned in the Ministry's OM dated 11.04.2022 and accordingly appraise the project under expansion category.
- vi. The existing project was accorded environmental clearance by SEIAA, Rajasthan Vide File No-F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.7(d) B1 (15541)/2018-19, dated 01.04.2019 to produce 1, 32,000 TPA of M.S. Billets and 2,00,000 TPA TMT bar per annum by using two 20 tonne induction furnace and rolling mill. Consent to Operate for the existing unit was accorded by RSPCB vide F (HDF)/Alwar (Tijara)/6874(1)/2021-2022/3924-3944 dated 16.11.2021, which is valid till 30.09.2026.
- vii. The total project area is 3.22 ha. Land has been allotted on lease basis for 90 years from Rajasthan State Industrial Development and Investment Corporation Ltd (RIICO) and under the possession of the company. No additional land is required for proposed expansion project.
- viii. The nearest habitation to plant is Tapukara village located at 2.21 km away from the project site boundary in the NE direction.
- ix. Total existing Water requirement is 40 m³/day and is being sourced from ground water. No additional water will be required for the proposed expansion.
- x. Sahibi River (5.71 km – WSW) and Chaundi Nadi (6.81 km – S) are flowing within 10 Km. radius of the plant site. The EAC is of the opinion that water bodies shall not be disturbed. Mitigation measures w.r.t. safeguarding the water bodies shall be implemented.
- xi. The Committee deliberated on the baseline data previously collected (March to May, 2018) at the time of EC dated 01.04.2019 and the fresh baseline data collected (March to May, 2022) during the instant application and observed that though the collected data shows the values beyond the NAAQ standards for some of the parameters in both the cases, however, there is decline in the values of the parameters in the baseline data of March to May, 2022 as compared to baseline data of March to May, 2018. Also, since the project falls under CPA, the monitored values are on higher side. Accordingly, the EAC deliberated on pollution load assessment reported by PP/Consultant and found it satisfactory. Considering the same, the proposal is appraised under para 7(ii)(a) of EIA Notification, 2006.
- xii. The EAC noted that total green area provided as per earlier granted EC is 33.23% of total project area i.e. 1.07 ha. Total 2675 no of trees to be planted as per EC. PP has already Planted 2000 trees. PP will further develop additional green belt of 0.21 ha for expansion project. Hence total green area after expansion will be 1.28 ha (40% of the total plot area). Thus total trees to be planted after expansion will be 1200.

- xiii. The committee deliberated details of carbon foot prints and carbon sequestration study w.r.t. proposed project and found them to be satisfactory.
- xiv. The Committee deliberated upon the certified compliance report of IRO, MoEFCC and found it satisfactory.
- xv. The Committee also deliberated on the earlier public hearing issues along with status of compliance of action plan submitted by the proponent to address the issues raised during the public hearing and is of the opinion that project proponent shall strictly comply with the targets and timelines of the action plan.
- xvi. 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.
- xvii. 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.

7. The EAC (Industry-1 Sector), in its 22nd meeting held on January 30 - 31, 2023, based on information & clarifications provided by the project proponent and after detailed deliberations **recommended** the proposal for grant of Environment Clearance subject to stipulation of specific and general conditions as detailed in the point below.

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 SBF Ispat Private Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions:

A. Specific Condition:

- i. The existing environmental clearance granted by the by SEIAA, Rajasthan Vide File No-F1(4)/SEIAA/SEAC-Raj/Sectt/Project/Cat.7(d) B1 (15541)/2018-19, dated 01.04.2019 shall also remain active and the project proponent shall comply with all the terms and conditions mentioned in the EC dated 01.04.2019.
- ii. 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.
- iii. The project proponent shall utilize modern technologies for capturing of carbon emitted and shall also develop carbon sink/carbon sequestration resources capable of capturing more than emitted. The implementation report shall be submitted to the IRO, MoEF&CC in this regard.

- iv. In pursuance to MoEF&CC OMs dated 31st October, 2019 & 30th December, 2019 issued in compliance of the order of Hon'ble NGT in OA No. 1038/2018 dated 19th August, 2019, the compliance of all the conditions applicable to CEPI shall be implemented. Greenbelt shall be planned in 40% of the project area. CER allocation shall be 1.5 times of the normal calculated amount.
- v. Water requirement of 40 m³/day shall be sourced from ground water as proposed after obtaining necessary permission from the Competent Authority. However, PP shall explore the possibility of shifting to alternate source of water to reduce dependency on groundwater.
- vi. Following additional arrangements to control fugitive dust shall be provided:
- Fog / Mist Sprinklers at all conveyors point and on bulk raw material storage area (at the transfer points) like Iron Ore, Coal and for Fly Ash and similar solid waste storage areas.
 - Proper covered vehicle shall be used while transport of materials.
 - Wheel Washing mechanism shall be provided in entry and exit gates with complete recirculation system.
- vii. All internal road and connecting road from project site to main highway shall be developed and maintained with suitable Million Axle Standard (MSA) as per the traffic load due to existing and proposed project.
- viii. All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yards shall also have garland drains to trap the run off material.
- ix. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.
- x. Particulate matter emission from stacks shall be less than 30 mg/Nm³. Action plan submitted to limit the dust emission shall be strictly implemented.
- xi. CEMS shall be provided on all process stacks and the signal shall be received in plant control room for central control of APCDs installed in the plant
- xii. 85-90 % of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil as a fuel.
- xiii. Solid waste utilization
- 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.
 - PP shall recycle/reuse 100 % solid waste generated in the plant.
 - Used refractories shall be recycled as far as possible.
- xiv. Sahibi River (5.71 km – WSW) and Chaundi Nadi (6.81 km – S) are flowing within 10 Km. radius of the plant site. 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.
- xv. 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. MSW waste shall be treated in digester and recovered gas shall be used in the canteen.
- xvi. The company shall also undertake rain water harvesting measures as per the plan submitted in the EIA/EMP report and reduce water dependence from the outside source.

- xvii. The nearest habitation to plant is Tapukara village located at 2.21 km away from the project site boundary in the NE direction. Project Proponent shall take appropriate environmental safeguard measures to minimise the impact on the habitation of the locals. The company shall also include this location in its environmental monitoring programme.
- xviii. PP shall undertake village adoption and formulate Village Adoption program consisting of need-based community development activities, to develop them into model villages.
- xix. A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
- xx. Three tier Green Belt shall be developed in at least 40% of the project area in a timeframe of one year with native species all along the periphery of the project site of adequate width and tree density shall not be less than 2500 per ha. Gap filling shall be undertaken and 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. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
- xxi. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
- xxii. Action Plan for firefighting system including provision for flame detectors, temperature actuated heat detectors with alarms, automatic sprinkler system, fixing the location of fire water tanks, separate power system for firefighting, involvement of qualified and trained fire personnel, nearest fire station & time required to reach the proposed site shall be prepared and implemented.
- xxiii. All the commitments made to the public during the Public Hearing/Public Consultation 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 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC.
- xxiv. 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.
- xxv. 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.

B. General conditions:

I. Statutory compliance:

- i. 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.

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as two Continuous Ambient Air Quality Station (CAAQS) 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.
- ii. 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.
- iii. 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.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- v. 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.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vii. Plant internal roads shall be concreted and a vacuum cleaner shall be used to regularly clean the roads.
- viii. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- ix. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

III. 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 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.
- 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. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.

- iv. 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.

IV. Noise monitoring and prevention

- i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.

V. Energy Conservation measures

- i. Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.

VI. 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 in melting Furnaces.
- iii. Kitchen waste shall be composted or converted to biogas for further use.

VII. Green Belt

- i. 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.
- ii. 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 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 monitorable with defined time frames", when PP comes for EC proposal. This study shall be formulated keeping in view of India's Net-zero commitment at the COP-26 Climate Summit.

VIII. 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).
- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.

IX. Environment Management

- i. 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.

- ii. 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.
- 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.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM10, 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.
- 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 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.
- ix. 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.
- 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. 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.
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.


(Dr. R. B. Lal)
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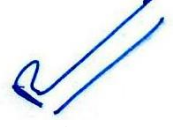
Encl. as above at Annexure –I

Copy to: -

1. The Principal Secretary, Environment & Forests Department, Government of Rajasthan, Secretariat, Jaipur (Rajasthan).
2. Principal Chief Conservator of Forests, (HOFF), Aranya Bhawan, MG Road, Jhalana Institutional Area, Jaipur, Rajasthan 302 004.
3. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.
4. The Regional Officer, Ministry of Env., Forest and Climate Change, Integrated Regional Office, Jaipur, A-209 & 218, Aranya Bhawan, Mahatma Gandhi Road, Jhalana Institutional Area, Jaipur – 304002, Rajasthan.
5. The Member Secretary, Central Pollution Control Board Parivesh Bhavan, CBD-cum-Office Complex, East Arjun Nagar, Delhi - 32
6. The Member Secretary, Rajasthan State Pollution Control Board, 4, Jhalana Institutional Area, Jhalana Doongri, Jaipur (Rajasthan).



7. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi 110001.
8. Monitoring Cell, IA Division, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
9. District Collector, Alwar District, Rajasthan.
10. Guard File/Monitoring File/ Parivesh Portal /Record File



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

S. No	Activity Head	Activity Sub-Head	Activities Details	Budget Cost (in lacs)
1	Skill developments	Vocational skills	Opening of various vocational skills like sewing centers for women, promoting short vocational skills development programs like electricians, ETT, solar etc. for rural youth	1.0
		Soft skills	Organizing Various Programs for Rural Youth to Development Soft Skills like Confidence, Commitment, Communication Skills, Personality Developments Etc.	1.0
2	Educational developments	Basic educations	Providing Infrastructure in Govt. Schools like Furniture, Mats, Electricals, Painting, Building Repairs & Scholarships to Needy Students & Teachers for Sports and Music etc.	2.0
		Value based education	Organizing Various Programs in Govt. Schools & Villages to Provide Value Based Education to become Useful Citizens for Society.	2.0
3	Hygiene & Health and environmental awareness developments	Hygiene & health	Organizing Awareness Camps of Swach Bharat, Cleaning Drives, Nukad Plays, Medical Camps, Blood/Organ Donation Camps, Yoga Camps, Health is Wealth Camps Etc.	1.5
		Environment	Tree Plantations, Water Conservation Programs, Chemical Free Farming, Importance of Fruiting Trees, Village Pond Cleaning Drives, Solid Waste Management Programs Etc.	1.5
4	Administrative expenses on CER activities			1.0
Total				10.0

