



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

To,

The Director
RATHI SPECIAL STEELS LIMITED
M/s. Rathi Special Steels Limited
A-24/8, Mohan Co-Operative Industrial Estate,
Main Mathura Road, New Delhi, Delhi-110044

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/IND1/419247/2023 dated 11 Apr 2023. The particulars of the environmental clearance granted to the project are as below.

- | | |
|--|--|
| 1. EC Identification No. | EC23A008RJ133076 |
| 2. File No. | IA-J-11011/165/2022-IA-II(IND-I) |
| 3. Project Type | New |
| 4. Category | A |
| 5. Project/Activity including Schedule No. | 3(a) Metallurgical industries (ferrous & non ferrous) |
| 6. Name of Project | Rathi Special Steels Limited-
"Regularization of the existing project of Rolling Mill having capacity of MS Ingots/Billets of 27,000 TPA (90TPD), MS CTD/TMT Bars & MS Round of 1,50,000 TPA (500TPD), Heating Furnace - 21Ton/Hr, Induction Furnace - -9 Ton/Heat" located at Plot no. SP-29, F-20 - 24, RIICO Industrial Area, Khushkhera, District-Alwar, Rajasthan. |
| 7. Name of Company/Organization | RATHI SPECIAL STEELS LIMITED |
| 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: 16/06/2023

(e-signed)
Mr. Motipalli Ramesh
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.

This is a computer generated cover page.

F. No. IA-J-11011/165/2022-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 June, 2023

To

M/s. Rathi Special Steels Limited

A-24/8, Mohan Co-Operative Industrial Estate,
Main Mathura Road, New Delhi – 110 044
Email: rbl.bhiwadi@gmail.com

Project: Rolling Mill with capacity of MS Ingots/Billets of 27,000 TPA (90TPD), MS CTD/TMT Bars & MS Round of 1,50,000 TPA (500TPD), Heating Furnace - 21Ton/Hr, Induction Furnace 9 Ton/Heat by M/s Rathi Special Steels Limited, located at Plot no. SP-29, F-20- 24, RIICO Industrial Area, Khushkhara, District-Alwar, Rajasthan – Grant of Environmental Clearance as per provisions of the Ministry's Notification dated 20.07.2022

Sir,

This refers to your proposal no. IA/RJ/IND1/419247/2023 dated 02.03.2023 along with copy of EIA/EMP report, CAF & Form - 1 (Part A, B & C) seeking Environment Clearance (EC) under the provisions of the EIA Notification, 2006, for the project mentioned above. Further PP has uploaded the information on Parivesh Portal on 12.05.2023.

2. The proposed project activity is listed at schedule no. 3(a) Metallurgical industries (ferrous & non-ferrous) under Category "A" of the schedule of the EIA Notification, 2006 and attracts general condition due to Inter-state boundary of Rajasthan & Haryana lies at a distance 3.77 Km, NNW and project lies in critically polluted area (CPA), and therefore being appraised at Central Level.

3. The instant Proposal was considered in the 27th EAC (Ind-1) meeting held on 27th May 2023 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>

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 I Sector) are as under: -

S. No.	Particulars	Details Submitted by PP
a.	Terms of Reference for undertaking EIA study	16.08.2022
b.	Period of baseline data collection	March - May-2022
c.	Date of Public	The Public Hearing is exempted as per MoEF&CC Notification

S. No.	Particulars	Details Submitted by PP																																
	Consultation	S.O. 3250(E), dated 20th July, 2022																																
d.	Action plan to address the PH issues	An amounts of Rs. 139.5 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	Plot no. SP-29, F-20- 24, RIICO Industrial Area, Khushkhera, District-Alwar, Rajasthan.																																
f.	Latitude and Longitude of the project site	Point	Latitude	Longitude																														
		1.	28° 6'43.78"N	76°47'40.24"E																														
		2.	28° 6'43.20"N	76°47'40.00"E																														
		3.	28° 6'42.73"N	76°47'39.81"E																														
		4.	28° 6'40.69"N	76°47'39.05"E																														
		5.	28° 6'41.05"N	76°47'37.01"E																														
		6.	28° 6'38.61"N	76°47'35.96"E																														
		7.	28° 6'40.74"N	76°47'29.63"E																														
		8.	28° 6'46.35"N	76°47'31.90"E																														
		9.	28° 6'45.29"N	76°47'35.15"E																														
		10.	28° 6'44.08"N	76°47'34.68"E																														
		11.	28° 6'43.14"N	76°47'37.76"E																														
		12.	28° 6'43.31"N	76°47'37.95"E																														
		13.	28° 6'43.79"N	76°47'38.14"E																														
		14.	28° 6'44.36"N	76°47'38.37"E																														
g.	Total land	Total plot Area is 35,200Sq.m.(3.52Ha)																																
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Existing project is already situated in Khushkhera RIICO Industrial Area which is under the possession of the company.																																
i.	Existence of habitation & involvement of R&R, if any	Land is already converted for industrial use. (RIICO Industrial Area) there is no habitation in the existing area, therefore rehabilitation & resettlement plan is not required/ applicable.																																
j.	Elevation of the project site	The highest and lowest elevation of the project site is 264 AMSL and 260 AMSL																																
k.	Involvement of Forest land if any.	No Forest Land is involved in the plant site.																																
l.	Water body exists within the project site as well as study area	Project site: Nil. Study Area: <table border="1"> <thead> <tr> <th>Water Bodies</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Sahibi River (non-Perennial)</td> <td>4.21</td> <td>WSW</td> </tr> <tr> <td>Rattanpur Distributary</td> <td>9.20</td> <td>WNW</td> </tr> <tr> <td>Raliawas Distributary</td> <td>9.42</td> <td>NW</td> </tr> <tr> <td>Garhi Bolni Distributary</td> <td>9.73</td> <td>W</td> </tr> <tr> <td>Sare Khurd Canal</td> <td>10.80</td> <td>ENE</td> </tr> <tr> <td>Nikhari Distributary</td> <td>11.23</td> <td>NW</td> </tr> <tr> <td>Kheri Motla Distributary</td> <td>12.16</td> <td>WSW</td> </tr> <tr> <td>Water Pond N/V Sare Khurd</td> <td>13.61</td> <td>ENE</td> </tr> <tr> <td>Jitpur Distributary</td> <td>14.19</td> <td>NW</td> </tr> </tbody> </table>			Water Bodies	Distance	Direction	Sahibi River (non-Perennial)	4.21	WSW	Rattanpur Distributary	9.20	WNW	Raliawas Distributary	9.42	NW	Garhi Bolni Distributary	9.73	W	Sare Khurd Canal	10.80	ENE	Nikhari Distributary	11.23	NW	Kheri Motla Distributary	12.16	WSW	Water Pond N/V Sare Khurd	13.61	ENE	Jitpur Distributary	14.19	NW
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m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	<p>Nil</p> <p>List of Reserved and protected forests: Are given in the following table.</p> <table border="1"> <thead> <tr> <th>Forests</th> <th>Distance(km)</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>Banvan P.F.</td> <td>5.39</td> <td>ENE</td> </tr> <tr> <td>Khori Kalan P.F.</td> <td>6.19</td> <td>E</td> </tr> <tr> <td>P.F. Near Village Banvan</td> <td>6.65</td> <td>NE</td> </tr> <tr> <td>Guwalda P.F.</td> <td>7.79</td> <td>E</td> </tr> <tr> <td>Banvan P.F. Near Village Jorlah</td> <td>8.61</td> <td>NE</td> </tr> <tr> <td>Gondhan P.F.</td> <td>8.62</td> <td>NE</td> </tr> <tr> <td>Chaupanki P.F.</td> <td>10.18</td> <td>ENE</td> </tr> <tr> <td>Indaur R.F.</td> <td>11.12</td> <td>E</td> </tr> <tr> <td>Khidarpur P.F.</td> <td>11.18</td> <td>SE</td> </tr> <tr> <td>Sare Kalan P.F.</td> <td>11.83</td> <td>ENE</td> </tr> <tr> <td>Bhalki P.F.</td> <td>12.36</td> <td>SSE</td> </tr> <tr> <td>Milakpur Turk P.F.</td> <td>13.07</td> <td>ESE</td> </tr> <tr> <td>Rangala R.F.</td> <td>14.27</td> <td>NNE</td> </tr> <tr> <td>Gotoli P.F.</td> <td>14.52</td> <td>SE</td> </tr> </tbody> </table>	Forests	Distance(km)	Direction	Banvan P.F.	5.39	ENE	Khori Kalan P.F.	6.19	E	P.F. Near Village Banvan	6.65	NE	Guwalda P.F.	7.79	E	Banvan P.F. Near Village Jorlah	8.61	NE	Gondhan P.F.	8.62	NE	Chaupanki P.F.	10.18	ENE	Indaur R.F.	11.12	E	Khidarpur P.F.	11.18	SE	Sare Kalan P.F.	11.83	ENE	Bhalki P.F.	12.36	SSE	Milakpur Turk P.F.	13.07	ESE	Rangala R.F.	14.27	NNE	Gotoli P.F.	14.52	SE
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n.	Project cost	The capital cost of the existing project is Rs 82.01Crores.																																													
o.	EMP cost	The capital cost for environmental protection measures is proposed as Rs. 1.74 Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs. 0.198 Crores/ annum.																																													
p.	Employment opportunity	The employment generation from the project is about 175 persons.																																													
q.	Water and Power requirement	<p>Existing one-time water requirement is 88 m³/day, out of which 32 m³/day of fresh water requirement is being obtained from the ground water and permission for the same was obtained from CGWA vide letter no. CGWA/NOC/IND/ORIG/2021/10436 dated 09.01.2021 and the remaining 56 m³/day is being met from the recycling. Renewal application for CGWA NOC has been applied vide application no.21-4/11354/RJ/IND/2018 dated 13.01.2023 to tune of 32 KLD.</p> <p>Existing power requirement of 4.998MW (4998kVA) (15095.5KW Sanctioned capacity) is obtained from JVVNL, Alwar from nearest GSS of 220KV. JVVNL, Alwar (~ 1.0Km, North, TMT Chowk from the project site.</p>																																													

Unit configuration and capacity:

S. No.	Product	Existing Capacity (MTPA)	Total Capacity (MTPA)
1.	MS Ingots/Billets	27,000 TPA (90TPD)	27,000 TPA (90TPD)
2.	MS CTD/TMT Bars &	1,50,000 TPA	1,50,000 TPA (500TPD)

	MS Round	(500TPD)	
3.	Induction Furnace	9Ton/Heat	9Ton/Heat
4.	Heating Furnace	21Ton/Hr	21Ton/Hr

5. The EAC, in its meeting held on 27th April 2023, inter-alia, deliberated the following:

- i. The instant proposal is for regularization of the existing project of Rolling Mill, as per the provisions of the Notification dated 20.07.2022, having capacity of MS Ingots/Billets of 27,000 TPA (90TPD), MS CTD/TMT Bars & MS Round of 1,50,000 TPA (500TPD), Heating Furnace - 21Ton/Hr, Induction Furnace - -9 Ton/Heat. The proposal is for regularization in compliance of MoEF&CC letter no. F. No. - IA-J-11013/24/2022-IA-II(I) dated 13.04.2022 to Rajasthan State Pollution Control Board and order of Hon'ble National Green Tribunal in O.A. no. 55/2019(WZ) in matter of Gajubha Jesar Jadeja vs Union of India & Ors. dated 12.02.2020 & Letter no. F. No. - IA-J-11013/24/2022-IA-II(I) dated 13.04.2022.
- ii. 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.
- iii. 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.
- iv. 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.
- v. The total project area is 35,200Sq.m.(3.52Ha) which is situated in Khushkhera RIICO Industrial Area and is under the possession of the company. The proposed project will be coming within the existing plant premises.
- vi. The EAC noted that the instant project falls under Critically Polluted Area (CPA). PP has committed the proposed mitigation measures and detailed action plan as per para 27.2.16 above.
- vii. The Committee has deliberated on the baseline data and incremental GLC due to the proposed project and observed that some parameters are recorded beyond the standards being in the CPA. The EAC advised to undertake additional mitigation measures are/ will be adopted and action plan is prepared as per MoEF&CC O.M. No. 22-23/2028-IA.III dated 31/10/2019 and MoEF&CC O.M. No. 22-23/2028-IA.III dated 5/07/2022.

- viii. As reported by PP, a letter has been issued from RSPCB vide letter no. RPCB/RO/BWD/1747 dated 25.01.2022 for Direction under section 12(2) (xi) of the Commission for Air Quality Management in National Region and Adjoining areas Act, 2021 for closure of Industrial Operations/Process. PP has further reported that the production has resumed after reconnection from JVVNL after issuance of CTO dated 4/10/2022 & Joint. inspector of DM & RO Report dated 24/9/22 and 04/10/22. Also, there is a court case in Hon'ble NGT vide IA No. 150/2022 in Appeal No.-29/2022.
- ix. The water requirement for the project is estimated as 88 m³/day, out of which 32 m³/day of fresh water requirement is being obtained from the ground water and permission for the same was obtained from CGWA vide letter no. CGWA/NOC/IND/ORIG/2021/10436 dated 09.01.2021 and the remaining 56 m³/day is being met from the recycling. Renewal application for CGWA NOC has been applied vide application no.21-4/11354/RJ/IND/2018 dated 13.01.2023 to tune of 32 KLD.
- x. The Sahibi River and other water bodies exists within the study area of 10 km around the project site. The EAC is of the opinion that water body shall not be disturbed. Mitigation measures w.r.t. safeguarding the water body shall be implemented.
- xi. The EAC noted that the existing green belt has been developed in 1.0647 Ha area which is about 30.24% of the total project area of 3.52 Ha with total sapling of 1689 Trees. Proposed greenbelt will be developed in 0.5015 ha which is about 11.36% of the total project area. Thus total of 1.5662 ha area (41.50% of total project area) will be developed as plantation. The Committee deliberated on the action plan and budget allocation for green belt development and found it satisfactory.
- xii. As the PP has expressed the paucity of land availability, the PP shall explore to do green belt/large size trees all along the perimeter of the project in large containers and vertical type of plantation similar to vertical gardening thereby creating a green barrier between the project and adjacent residential area to mitigate dust and noise pollution.
- 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 SPCB and found it satisfactory and as recommended by RO, EAC is of the view that PP shall strictly comply with emission standards as prescribed by the CAQM-NCR vide its direction no. 64.
- xv. The Committee also deliberated on the expenditure incurred on socio-economic development of the nearby villages issues along with revised action plan proposed for further socio-economic development of the nearby villages and found it satisfactory.
- xvi. The EAC also deliberated on the submitted written representation of project proponent and found it satisfactory.
- xvii. 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.

xviii. 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.

6. The EAC (Industry-1 Sector), in its 27th meeting held during 27th April, 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.

7. 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 Rathi Special Steels Limited** under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions:

A. Specific Condition:

- i. **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, or any direction issued by statutory body, if any, as may be applicable to this project.**
- 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. **The PP shall strictly implement the action plan prepared as per MoEF&CC O.M. No. 22-23/2028-IA.III dated 31/10/2019 and MoEF&CC O.M. No. 22-23/2028-IA.III dated 05/07/2022 and the Direction issued by the Commission for Air Quality Management in National Region and Adjoining Areas.**
- v. **The industry shall use PNG gas as per direction no. 64 of the Commission for Air Quality Management in National Region and Adjoining Areas.**
- vi. **The PP shall comply all the directions as issued by the Commission for Air Quality Management in National Region and Adjoining Areas, from time to time.**
- vii. The Sahibi river and other water bodies exists within the study area of 10 km around the project 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.

- viii. The water requirement for the project is 88 m³/day, out of which 32 m³/day of fresh water requirement is proposed to be obtained from the ground water and the remaining 56 m³/day from the recycling. Necessary permission shall be obtained from the Competent Authority in this regard. PP shall also explore the possibility of shifting to alternate source of water to reduce dependency on groundwater. Also, efforts shall be made to restrict abstraction of Ground water only for the domestic water demand (drinking purpose only).
- ix. Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.
- x. TCLP analysis of the slag samples shall be carried out periodically. In case of presence of hazardous material, the same shall be sent to TSDF. In case of non-hazardous material, slag shall be utilized at project site for brick manufacturing and construction work after the recovery of metal.
- xi. 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.
- xii. 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.
- xiii. Two online Continuous Ambient Air Quality Monitoring station shall be set up. The location of the CAAQMS shall be decided in consultation with the SPCB.
- xiv. All stockyards shall have impervious flooring and shall be equipped with water spray system for 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.
- xv. Action plan for developing connecting and internal road in terms of MSA as per IRC guidelines shall be implemented.
- xvi. 85-90 % of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil or LSHS as a fuel.
- xvii. Low NO_x Burners will be installed at Reheating Furnace for control of Gaseous emissions generated while using PNG.
- xviii. 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.
- xix. The particulate matter emissions from the process stacks shall be less than 30 mg/Nm³ and measures shall be undertaken as per the submitted action plan. Efficient Air monitoring equipment shall be installed.
- xx. 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.
- xxi. Bag filters shall be cleaned regularly and efficiency of bag filter system shall be monitored at regular intervals.
- xxii. 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.
- xxiii. A proper action plan must be implemented to dispose of the electronic waste generated in the industry.
- xxiv. Three tier Green Belt shall be developed in at least 41.5% of the project area in a time frame 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. 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 emphasize on road side plantation. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.
- xxv. Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.
- xxvi. 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 shall be strictly implemented and progress shall be submitted to the Regional Office of MoEF&CC. PP shall adopt nearby villages and prepare and implement a robust plan to develop them into model villages in next 10 years.
- xxvii. 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.
- xxviii. 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 with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS 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 carryout Continuous Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM2.5 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area (at least at four locations one within and three outside the plant area at an angle of 120° each), covering upwind and downwind directions.
- iii. 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.
- iv. 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.
- v. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vii. The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
- viii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- 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 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.
- ii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iii. 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.

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 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 Decarbonization 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.

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) as per the norms of Factory Act.
- 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. 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.
- 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 shareholder's / 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.
- 8.** 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.

9. 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.

10. 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.

11. 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.

This issues with approval of the competent authority.

(Dr. M. Ramesh)

Scientist 'E'

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

(Dr. M. Ramesh)

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

S. No.	Activity	Location	Action Plan with Budget in (Capital Cost-in Lakhs)			Recurring (In Lakh)
			I st year	II nd Year	III rd Year	
1.	Construction of 4.0 Nos. Rain water Harvesting structure	Sarpanch Office Panchayat Mayapur, Tapukara.	8.0	8.0	-	1.0
2.	RO with Water cooler	Govt School Khushkhera	3.0	3.0	-	0.25
3.	Solar light on Street	Budhi Bawal Tapukara Road. Karoli, Kamalpur,	9.0	9.0	9.0	0.75
4.	Plantation & Tree Guard nearby villages	Budhi Bawal Village, Karoli ,Kushkhera,	6.0	6.0	6.0	0.75
5.	Medical check up camps	Khushkhera, Budhi Bawal, Kamalpur & Karmsiwas, Karoli,Ladamka	6.0	6.0	6.0	1.0
6.	Awareness program regarding organic manure use for agriculture, hygiene, sanitation	Sarpanch Office Panchayat Mayapur, Tapukara.	2.0	2.0	2.0	1.0
7.	Distribution of Computer in Govt. Schools.	Govt School Khushkhera, Govt. Sr. Sec. School, Budhi Bawal & Govt Primary School, Basai Tapukara Alwar Rajasthan	5.0	4.5	3.0	1.0
8.	Woman skill development Programme.	Sarpanch Office Panchayat Mayapur, Tapukara.Karoli, Kushkhera,Kamalpur	12.0	12.0	12.0	4.0
	Total (139.5 Lakhs)		51.0	50.5	38.0	9.75
