



File No.: J-11011/102/2022-IA-II(IND-I)

Government of India

Ministry of Environment, Forest and Climate Change

IA Division

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Dated 30/11/2025



To,

M/s. RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED  
9 AJC Bose Road 1st Floor, Ideal Center  
KOLKATA, WEST BENGAL, , 700017  
Email: rashmi.greenhydrogen@gmail.com

**Subject:** Amendment in Environmental Clearance ( File no. IA-J-11011/102/2022-IA-II(I) dated 7.03.2023 entitled "Proposed an Integrated Steel Plant of 3.1 Million Ton per annum (Finished Steel) along with 230MW (80MW WHRB/TRT based +150 MW coal based) Captive Power Plant by M/s Rashmi Green Hydrogen Steel Private Limited., located at Mouza -Changual (J.L. No-360), Jethia (J.L. No-361),Khatranga(J.L. No-362), Gopinathpur (J.L. No. 359) and Goyalara (J.L. No. 391),P.S. – Kharagpur (Local), Dist. – Paschim Medinipur ,West Bengal-Grant of of Amendment in EC

**Sir/Madam,**

M/s. Rashmi Green Hydrogen Steel Private Limited has made an application vide proposal no. IA/WB/IND1/555775/2025 dated 23.10.2025 along with the application in prescribed format- Form 4 (CAF, Form – I Part A, B and C) and Addendum EIA report seeking amendment in EC obtained from MoEF&CC vide File No. IA-J-11011/102/2022-IA-II(IND-I), dated 07.03.2023 w.r.t. with respect to revision in total water requirement and source of fresh water due to change in plant configuration, resulting in reduction of overall make-up water demand from 11,000 m3/day to 10,949 m3/day.

2. The particulars of the proposal are as below :

<b>(i) EC Identification No.</b>	EC25A1001WB5493753A
<b>(ii) File No.</b>	J-11011/102/2022-IA-II(IND-I)
<b>(iii) Clearance Type</b>	Amendment in EC
<b>(iv) Category</b>	A
<b>(v) Schedule No./ Project Activity</b>	3(a) Metallurgical Industries (ferrous and non ferrous)
<b>(vi) Sector</b>	Industrial Projects - 1
<b>(vii) Name of Project</b>	Proposed an Integrated Steel Plant of 3.1 Million Ton per annum (Finished Steel) along with

(viii) Location of Project (District, State)	230MW (80MW WHRB/TRT based +150 MW coal based) Captive Power Plant
(ix) Issuing Authority	MoEF&CC
(x) EC Date	07/03/2023
(xi) Applicability of General Conditions	NO
(xii) Status of implementation of the project	

3. The proposal was considered during 14<sup>th</sup> EAC (Industry-1) Meeting held during 30<sup>th</sup> - 31<sup>st</sup> October, 2025, wherein after detailed deliberations, the committee recommended the proposal under the provisions of EIA Notification, 2006. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in>.

#### Details submitted by Project proponent

4. Environmental Clearance has been accorded from MoEFCC vide File No. IA-J-11011/102/2022-IA-II(IND-I), dated 07.03.2023 to M/s. Rashmi Green Hydrogen Steel Private Limited for Proposed Integrated Steel Plant of 3.1 million Ton per annum (Finished Steel) along with 230 MW (80 MW WHRB/TRT based + 150 MW coal based) Captive Power Plant, located at Mouza – Changual (J.L. No. -360), Jethia (J.L. No. - 361), Khatranga (J.L. No. - 362), Gopinathpur (J.L. No. - 359) and Goyalara (J.L. No. - 391), P.S. – Kharagpur (Local), Dist. – Paschim Medinipur, West Bengal.

5. The instant proposal is for seeking amendment in EC obtained from MoEF&CC vide File No. IA-J-11011/102/2022-IA-II(IND-I), dated 07.03.2023 w.r.t. revision in total water requirement and source of fresh water due to change in plant configuration, resulting in reduction of overall make-up water demand from 11,000 m<sup>3</sup>/day to 10,949 m<sup>3</sup>/day as detailed below:

Reference in EC dated 07.03.2023	EC Condition	EC condition after desired amendment	Remarks
5. x. Page 8 of 20	The water requirement for the proposed project is estimated as <b>11,000 m<sup>3</sup>/day, out of which 10,850 m<sup>3</sup>/day of</b> fresh water requirement will be obtained from the <b>Surface Water (Kangsabati River) &amp; Rainwater Harvesting Structure.</b> Tie-up made for water demand with associate company and the remaining requirement of <b>150 m<sup>3</sup>/day</b> will be met from the ground water (Domestic purpose).	The water requirement for the proposed project is estimated as <b>10,949 m<sup>3</sup>/day, out of which 10,854.5 m<sup>3</sup>/day of</b> fresh water requirement will be obtained from the <b>Surface Water/Sub-surface water/River bed water (Kangsabati River) &amp; Rainwater Harvesting Structure.</b> Tie-up made for water demand with associate company and the remaining requirement of <b>94.5 m<sup>3</sup>/day</b> will be met from the ground water (Domestic purpose).	The total makeup water requirement for EC sanctioned project was 11,000 KLD. Makeup water requirement of 51 KLD reduced because of the proposed change in configuration of the plant or activity intimated vide Proposal No.: IA/WB/IND1/527771/2025 17/03/2025. Therefore, requirement of makeup water for the project is around 10,949 KLD (10,854.5 KLD for Industrial use and 94.5 KLD Domestic use).
A. Specific conditions	The water requirement of <b>11,000 m<sup>3</sup>/day, shall be met</b>	The water requirement of <b>10,949 m<sup>3</sup>/day, shall be</b>	The total makeup water requirement for EC sanctioned

(vii); Page 9 of 20	<p><b>from the Surface Water (Kangsabati River) &amp; Rainwater Harvesting Structure.</b> Necessary permission from the Competent Authorities shall be obtained. PP shall explore the possibility of shifting to alternate source of water to reduce dependency on groundwater.</p>	<p><b>met from the Surface Water/ Sub-surface water/ River bed water (Kangsabati River) &amp; Rainwater Harvesting Structure.</b> Necessary permission from the Competent Authorities shall be obtained. PP shall explore the possibility of shifting to alternate source of water to reduce dependency on groundwater.</p>	<p>project was 11,000 KLD. Makeup water requirement of 51 KLD reduced because of the proposed change in configuration of the plant or activity intimated vide Proposal No.: IA/WB/IND1/527771/2025 17/03/2025. Therefore, requirement of makeup water for the project is around 10,949 KLD (10,854.5 KLD for Industrial use and 94.5 KLD Domestic use).</p>
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#### **6. Justification for amendment in EC:**

- The total makeup water requirement for EC sanctioned project was 11,000 KLD (453.3 m<sup>3</sup>/Hr). Makeup water requirement of 51 KLD reduced because of the proposed change in configuration of the plant or activity from the environmental clearance conditions during execution of the project after detailed engineering, with no change in ultimate finished steel production (3.1 million TPA) capacity intimated vide Proposal No.: IA/WB/IND1/527771/2025 17/03/2025. Therefore, requirement of makeup water for the project is around 10,949 KLD.
- Water requirement was proposed to be met from Surface water (Kangsabati River) & Rain Water Harvesting Pond (During operation phase) and ground water (during construction phase and meeting domestic water requirement only).
- Now, the management of the company has explored availability of water in Kangsabati (Kansai) River sub-surface/river bed. An Inter Departmental committee constituted by State Water Investigation Directorate and Irrigation & Water ways department, Government of West Bengal to assess the availability of sub-surface/river bed water.
- The availability of sub-surface/river bed water is 88 MLD during pre-monsoon and it is significantly higher than that of water supply requirement of 10,000 KLD (10,000 m<sup>3</sup>/day) and can meet up the necessary requirement {5,000 KLD by Rashmi Green Hydrogen Steel Private Limited & 5,000 KLD by Orissa Alloy Steel Private Limited}.
- The report of the Committee was examined by the Irrigation & Water ways department, Government of West Bengal and the competent authority has accepted the same. After examination by SWID, Irrigation & Waterways department, Govt. of West Bengal issued a letter vide Memo No. 146-I/I-4M-28/2021, dated 11.06.2025 permitting drawl of 5,000 KLD sub-surface water from River Kangsabati at Mouza – Patpacha, Block – Kharagpur in Dist. – Paschim Medinipur.
- In view of the above, the following amendment in the Environment Clearance dated 07.03.2023 is desired.

7. It is reported that there is no violation under EIA, 2006/court case/show cause/direction related to the project under consideration.

#### **Deliberations by the Committee**

8. The Committee noted the following:

- i. Environmental Clearance has been accorded from MoEFCC vide File No. IA-J-11011/102/2022-IA-II(IND-I), dated 07.03.2023 to M/s. Rashmi Green Hydrogen Steel Private Limited for Proposed Integrated Steel Plant of 3.1 million Ton per annum (Finished Steel) along with 230 MW (80 MW WHRB/TRT based + 150 MW coal based) Captive Power Plant, located at Mouza – Changual (J.L. No. -360), Jethia (J.L. No. - 361), Khatranga (J.L. No. - 362), Gopinathpur (J.L. No. - 359) and Goyalara (J.L. No. - 391), P.S. – Kharagpur (Local), Dist. – Paschim

Medinipur, West Bengal.

ii. The instant proposal is for seeking amendment in EC obtained from MoEF&CC vide File No. IA-J-11011/102/2022-IA-II(IND-I), dated 07.03.2023 w.r.t. revision in total water requirement and source of fresh water due to change in plant configuration, resulting in reduction of overall make-up water demand from 11,000 m<sup>3</sup>/day to 10,949 m<sup>3</sup>/day as detailed in relevant para above.

iii. The PP reported that while the initial EC envisaged sourcing water from the Kangsabati River and rainwater harvesting (for operation) and limited groundwater use (for domestic and construction needs), the company has now explored sub-surface/river bed water availability in the Kangsabati River. Based on the assessment conducted by an Inter-Departmental Committee of the State Water Investigation Directorate (SWID) and the Irrigation & Waterways Department, Government of West Bengal, the availability was confirmed at 88 MLD during pre-monsoon, which is well above the project's total requirement. Consequently, the department has granted permission vide Memo No. 146-I/I-4M-28/2021 dated 11.06.2025, allowing drawl of 5,000 KLD sub-surface water from the Kangsabati River for the project. In view of the same the afore-mentioned amendment in the Environment Clearance dated 07.03.2023 is desired.

iv. The EAC deliberated on the amendments sought by the Project Proponent and found the justifications to be technically valid. In view of the above, the Committee agreed to the amendments as proposed by the Project Proponent.

v. The EAC also deliberated on the progress made towards implementation of the Public Hearing (PH) Action Plan and the fulfilment of socio-economic commitments in nearby villages. It was observed that the progress achieved so far is not satisfactory. Upon detailed discussion and clarification sought, the Project Proponent submitted an undertaking dated 30.10.2025, committing to utilize the remaining allocated budget of PH Action Plan and complete all pending activities within eighteen (18) months, i.e., by March, 2027. The Committee took note of the assurance and advised the PP to ensure that all activities are implemented effectively and in true spirit.

#### **Recommendations of the Committee:**

9. After deliberations, the Committee **recommended** for amendment in EC obtained from MoEF&CC vide File No. IA-J-11011/102/2022-IA-II(IND-I), dated 07.03.2023 w.r.t. revision in total water requirement and source of fresh water due to change in plant configuration, resulting in reduction of overall make-up water demand from 11,000 m<sup>3</sup>/day to 10,949 m<sup>3</sup>/day as detailed in relevant para above subject to stipulation of following additional condition, and maintaining the other terms and conditions of the EC letter dated 07.03.2023 as same:

- The Project Proponent shall fulfil all pending commitments under the Public Hearing (PH) Action Plan and Socio-economic activities within eighteen (18) months, i.e., by March 2027, as committed vide undertaking dated 30.10.2025. The implementation shall be carried out in consultation with the local authorities to ensure that the activities are need-based and beneficial to the nearby villages.

10. 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.

11. 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.

12. 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.

13. This issues with approval of the competent authority.

(Dinesh Runiwal)  
Scientist 'F'/Director  
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Email-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 Medinipur District, West Bengal.
8. Monitoring Cell, Ministry of Environment, Forest and Climate Change, Indira Paryavaran Bhawan, Jor Bagh Road, New Delhi.
9. Guard File/Monitoring File/Website/Record File/Parivesh Portal

### **Annexure 1**

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

##### **1. Specific**

S. No	EC Conditions
1.1	The Project Proponent shall fulfil all pending commitments under the Public Hearing (PH) Action Plan and Socio-economic activities within eighteen (18) months, i.e., by March 2027, as committed vide undertaking dated 30.10.2025. The implementation shall be carried out in consultation with the local authorities to ensure that the activities are need-based and beneficial to the nearby villages.