



RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED

Address : 9, A/JC Bose Road, 1st Floor, Ideal Centre, Kolkata, West Bengal, 700017

CIN : U27100WB2021PTC246718 | PAN : AALCR1619N | TAN : CALR19495A | GSTIN : 19AALCR1619N1ZT

Website : www.rashmigroup.com | Email Id : projectseamless@rashmigroup.com

Ref: RGHSP/ENV COMPL/JUNE 2023

Date: 24.05.2023

To,

**Integrated Regional Office,
Ministry of Environment, Forests & Climate Change
Kolkata IB - 198, Sector-III, Salt Lake City- 700106
West Bengal**

Sub. Six Monthly (June 2023) Compliance Report for Period OCTOBER 2022 TO MARCH 2023 for 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

Ref: - EC Identification No. EC23A008WB113189 dated: 07.03.2023.

Dear Sir,

With reference to the above, we are here by submitting the six monthly compliance report for period from October 2022 To March 2023 of EC File No- **IA-J-11011/102/2022-IA-II(IND-I) dated: 07.03.2023** for 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

Hope you will find the same in order.

Thanking you.

Yours Faithfully,

For, **M/s Rashmi Green Hydrogen Steel Private Limited**
Rashmi Green Hydrogen Steel Pvt. Ltd.

Authorized Signatory

Director

C.C:-

1. **The Member Secretary, West Bengal Pollution Control Board, Parivesh Bhawan, 10A Block - LA, Sector - III, Kolkata - 700 91**

Enclosures:-

1. Compliance Report for EC;
2. Carbon Sequestration as Annexure-I.
3. Green Belt detail as Annexure-II.
4. Framework of team Annexure-III.
5. Intimation Letter to DM and Gram Panchayat as Annexure-IV.
6. Newspaper advertisement as Annexure-V.
7. Water permission Record as Annexure-VI.

**SIX MONTHLY COMPLIANCE REPORT
(June-2023)**

FOR

Project Name- 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

**EC File NO- IA-J-11011/102/2022-IA-II(IND-I)
dated: 07.03.2023**

Location: - 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



**M/s Rashmi Green Hydrogen Steel Private
Limited**

**9 AJC Bose Road 1st Floor, Ideal Centre,
Kolkata West Bengal**

Email id - rashmi.greenhydrogen@gmail.com

Rashmi Green Hydrogen Steel Pvt. Ltd.

Director

Name of the Project: -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

Clearance Letter/s No. date: - EC No. EC23A008WB113189 dated 07.03.2023

Period of Compliance Report: - October 2022 to March 2023.

A.	Specific conditions:	Compliance Status
i.	The PP 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.	Agreed and Will be complied In compliance to this condition, this half yearly compliance report is being submitted.
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.	Agreed and Will be complied In compliance to this condition, this half yearly compliance report is being submitted.
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.	Trees in green belt areas sequester and store carbon as they grow. Thus, green belt influence local climate, carbon cycles, energy use and climate change. There are few methods companies have been/ will be adopting for capturing carbon emission: Green field technology-company has done sufficient plantation in and around the plant premises. Details of Carbon Sequestration is given as Annexure- I
iv.	The nearest human settlement from the project site are Khatranga (Adjacent to plant boundary,W), Gopinathpur (2.5 km, SE), Goalara (1.2 km, NE), Radhanagar (2.5 km, NNW) and Kharagpur (7.5 km, W). Project Proponent shall prepare	Agreed and Complied It is the policy of M/s Rashmi Green Hydrogen Steel Private Limited to strive to ensure that all aspects of the business have the least harmful effect on the Environment by implementing an effective Environmental Management system.

Abhishek

Director

	and implement an action plan for environmental safeguard measures to minimise the impact on the habitation of the locals. The company shall also include some of these locations in its environmental monitoring programme.	08 nos. of villages -Khatranga, Chakmakrampur, Jethia, Gopinathpur, Goyalara, Kajla, Changual and Radhanagar lying in the nearby project area will be adopted as a part of CSR/CER program
v.	Digra Pond (3.30 km, W), Kajla Pond (1.85 km, NW), Paiknagari pond (3.25 km, E), Changual Pond (1.45 Km, SW), Midnapore High Level Canal (4.0 km, N), Kapaleshwari Khal (4.5 Km, SE), Kangsabati River (5.0 Km, N) and Jakala Nalla (2.5 Km, NW) exists within the study area of 10 km from 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.	Will be Complied Keeping in consideration that all drain water and rainfall run-offs will be reused for plant operation.
vi.	ESA's such as Griffins International School - 0.45 km & Khatranga School - 0.46 are in close proximity to the project site. Environmental safeguards as per the submitted EMP Plan for environmental sensitivity area shall be implemented.	Will be complied The project is under construction. The required Environmental Safeguard or Mitigation measures will be taken up to provide a system in order to reduce, avoid or offset the potential adverse environmental consequences of the development activities.
vii.	The water requirement of 11,000 m ³ /day, shall be met from the Surface Water (Kangsabati River) & Rainwater Harvesting Structure. 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.	The total water requirement will be sourced from surface water (Kangsabati river), rain water harvesting pond and ground water (domestic water requirement only). Water Permission from Irrigation & water Department, West Bengal from Kangsabati River, and SWID, West Bengal are given as Annexure-II
viii.	As committed, PP shall adopt 08 nos. of Villages namely Khatranga, Chakmakrampur, Jethia, Gopinathpur, Goyalara, Kajaia, Changual & Radhanagar. PP shall formulate robust village Adoption program consisting of need-based community development activities,	Noted and Will be complied

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Director

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Director

	to develop them into model villages.	
ix.	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.	Agreed and Will be complied
x.	Three tier Green Belt shall be developed in a atleast 33% of total project area as per the asubmitted action plan 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 develop greenbelt in the form of shelter belt comprising of total of 6 rows of 2x2 m plantation with tall trees & broad leaves with thick canopy along with windshield inside the plant premises towards Khatranga (Adjacent to plant boundary, W), Gopinathpur (2.5 km, SE), Goalara (1.2 km, NE), Radhanagar (2.5 km, NNW) and Kharagpur (7.5 km, W) villages and other ESA's to act as green barrier for air pollution & noise levels. Compliance status in this regard, shall be submitted to concerned Regional Office of the MoEF&CC.	Agreed and Will be complied Thick Green belt to a width of 30 meters with a tree density of about 2500 trees/ha consisting of at least 3 tiers consisting of large trees, smaller trees and shrubs, whereas some grasses and flowering plants are grown on lawns and garden. The short trees will be planted in the first rows and the tall trees in the outer rows around the purview of the project site. will be developed as a green buffer for mitigating the impact towards the villages namely Khatranga towards West direction and towards North East direction of project site .The greenbelt development will be covered 35% of the project area i.e. about 36.83 Hectares at the project area. Around 92,075 numbers of trees which are resistant to pollutants, will be planted as per CPCB/MoEFCC, New Delhi guidelines. Till March 2023, 5000 number of trees have been planted. Details of Green Belt are annexed as Annexure VII
xi.	Greening and Paving shall be implemented in the plant area to arrest soil erosion and dust pollution from exposed soil surface.	Agreed and will be complied
xii.	Solid waste utilization	
	a. PP shall install a slag crusher to convert steel slag into aggregate for use in construction industry, fine sand for use as flux in steel plant, sand in brick making and as lime in cement making.	Project is under construction phase. The plant will be designed to comply with the condition mentioned.
	b. PP shall recycle/reuse solid waste generated in the plant	Agreed and Will be complied

Rashmi Green Hydrology

Abhishek 81

Director

		as far as possible.	
	c.	Used refractories shall be recycled as far as possible.	Agreed and Will be complied
xiii.		Sinter Plant shall be equipped with Sinter cooler waste recovery system and suitable technology for control of dioxins and furans emissions from the plant.	Will be Complied
xiv.		Coke oven plant shall be equipped with modified wet quenching system.	Agreed and will be complied
xv.		Tar shall be recovered from producer gas and shall be sold to registered processors.	Agreed and will be complied
xvi.		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.	Noted and Will be Complied
	b.	Proper covered vehicle shall be used while transport of materials.	Agreed.
	c.	Wheel washing mechanism shall be provided in entry and exit gates with complete recirculation system.	Agreed and Will be complied
xvii.		Blast Furnaces shall be equipped with Top Recovery Turbine (capacity more than 450 m ³), dry gas cleaning plant, stove waste heat recovery, cast house and stock house ventilation system and slag granulation facility.	Will be complied Project is under planning stage. The plant will be designed to comply with the condition mentioned.
xviii.		Secondary fume extraction system shall be installed on converters of Steel Melting Shop.	Will be complied Project is under construction phase. The plant will be designed to comply with the condition mentioned.
xix.		Basic Oxygen Furnace (BOF) gas shall be cleaned dry	Will be complied Project is under planning stage. The plant will be designed to comply with the condition mentioned.
xx.		Electric Arc Furnace shall be closed	Will be complied

Director, Central Pollution Control Board, Govt. of India

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Director

	type with 4th hole extraction system.	Project is under construction phase. The plant will be designed to comply with the condition mentioned.
xxi.	85-90 % of billets shall be rolled directly in hot stage. RHF shall operate using only Light Diesel Oil or Mixed BF/CO gas/Producer gas.	Will be complied Project is under construction phase. The plant will be designed to comply with the condition mentioned. The heater/ furnace is a fuel consuming chamber which works on electricity or by PGP.
xxii.	Cold Rolling Mill (CRM), color coating and galvanizing plants shall have CETP to treat and recycle the treated water from CRM complex. Sludge generated at CRM ETP shall be sent to TSDF.	Will be complied Project is under construction phase. The plant will be designed to comply with the condition mentioned.
xxiii.	Dust emission from all the stacks shall be less than 30 mg/Nm ³ .	Agreed and Will be complied
xxiv.	Air Cooled condensers shall be used in the captive power plant.	Agreed and Will be complied
xxv.	During operational phase at Captive Power Plant, PP shall measure coal dust exposures and to maintain coal dust exposures within stipulated standards at coal handling areas. PP shall identify extreme hot areas through heat stress survey as well as noise monitoring within process plants to ensure that workers not exposed above 90 dBA levels as per Factories Act, 1948.	Agreed and Will be complied
xxvi.	Ductile Iron (DI) plant shall have the following provisions:	
	a. Bag filter for Zn coating and Mg converter area.	Agreed and Will be complied
	b. Wet scrubbers in paint and bitumen coating area.	Agreed and Will be complied
	c. Bag Filter in Cement lining area.	Agreed and Will be complied
	d. PTFE dipped bags shall be used in the plant.	Agreed and Will be complied
	e. PM emissions from BF in Zinc coating area shall be 5 mg/Nm ³ .	Agree and Will be complied
	f. ETP with recycling facility shall be included.	Agree and Will be complied
xxvii.	Rain water harvesting shall be implemented to recharge/harvest water as per the action plan submitted in the EIA/EMP report.	Agree and Will be complied Project is under construction phase. The plant will be designed to comply with the

Rashmi Green Hydrogen

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Director

		condition mentioned.
xxviii.	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.	Agree and Will be complied The plant will be designed to ensure no discharge of effluent outside the boundary and 100% will be reused.
xxix.	Action Plan for fire fighting 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 fire fighting, involvement of qualified and trained fire personnel, nearest fire station & time required to reach the proposed site shall be prepared and implemented.	Noted The Application applied to the Fire and Emergency Services, Government of West Bengal. After obtaining the recommendation provision will be implemented.
xxx.	A proper action plan must be implemented to dispose of the electronic waste generated in the industry.	Noted
xxxi.	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.	Noted and Will be complied Social Impact Study is under process and will be submitted shortly.
xxxii.	The Plastic Waste Management Rules 2016, inter-alla, 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	Agreed and Will be complied.

	<p>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.</p>	
xxxiii	<p>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</p>	<p>Agreed</p> <p>Project is under construction phase. The plant will be designed to comply with the condition mentioned.</p>

Sl. No.	General Conditions	Compliance Status
I.	Statutory compliance:	
i.	<p>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</p>	<p>Noted and Will be complied</p>

Rashmi Green Hydrogen Steel Pvt. Ltd.

Director

		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 04 Nos. 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.	Agreed and Will be Complied
	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.	Agreed and Will be complied
	iii.	Sampling facility at process stacks and at quenching towers shall be provided as per CPCB guidelines for manual monitoring of emissions.	Noted and Will be Complied

Positive Green Hydrogen Global Pvt. Ltd.

Abhishek B.

Director

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.	Agreed and Will be Complied As mentioned, the project is under construction phase, after obtaining valid NOC from WBPCB. 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 with the 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.	Noted
vi.	Sufficient number of mobile or stationery vacuum cleaners shall be provided to clean plant roads, shop floors, roofs, regularly.	Agreed and Will be Complied Dedicated water spraying tankers are being used for the suppression of fugitive emission. Greenbelt development is under process to control the fugitive emission.
vii.	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.	Agreed and shall be compiled during operation.
viii.	The project proponent use leak proof trucks/dumpers carrying coal and other raw materials and cover them with tarpaulin.	Agreed All trucks that will be used for transportation of construction material, raw material and finished product will be covered with tarpaulin, kept maintained, be optimally loaded, and will be spill proof.
ix.	Facilities for spillage collection shall be provided for coal and coke on wharf of coke oven batteries (Chain conveyors, land based industrial vacuum cleaning facility).	Noted and will be considered in design phase
x.	Land-based APC system shall be installed to control coke pushing emissions.	Noted and will be considered in design phase
xi.	Monitor CO, HC and O ₂ in flue gases of the coke oven battery to detect combustion efficiency and cross leakages in the combustion chamber.	Agreed

Rashmi Green Hydrogen Steel Pvt. Ltd.

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Director

xii.	Vapor absorption system shall be provided in place of vapour compression system for cooling of coke oven gas in case of recovery type coke ovens.	Noted and will be complied
xiii.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Noted
xiv.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Noted and will be considered in design stage

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 vide G.S.R. 277(E) dated 31 st March 2012 (Integrated Iron & Steel); S.O. 3305 (E) dated 7 th December 2015 (Thermal Power Plants) as amended from time to time and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act,1986 or NABL accredited laboratories.	Agreed and Will be complied
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 recognized under Environment (Protection) Act,1986 and NABL accredited laboratories.	Agreed and Will be complied
iii.	Sewage Treatment Plant shall be provided for treatment of	Noted and will be complied

Reserve Circle Hyderabad
 Director
 11/11/2018

Director

		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.	Noted and Will be Complied
	v.	Tyre washing facilities shall be provided at the entrance of the plant gates.	Noted and will be complied
	vi.	Water meters shall be provided at the inlet to all unit processes in the steel plants.	Agreed and Will be Complied
IV. Noise monitoring and prevention			
	i.	Noise pollution 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 part of six-monthly compliance report.	Agreed and Will be complied
V. Energy Conservation measures			
	i.	Use torpedo ladle for hot metal transfer as far as possible. If ladles not used, provide covers for open top ladles.	Noted and will be complied
	ii.	Restrict Gas flaring to < 1 %.	Noted and will be complied
	iii.	Provide solar power generation on roof tops of buildings, for solar light system for all common areas, street lights, parking around project area and maintain the same regularly;	Agreed and being complied
	iv.	Provide LED lights in their offices and residential areas.	Agreed and will be installed

Raahmi Green Hydrogen Steel Pvt. Ltd.

Abhishek BK

Director

	v.	Ensure installation of regenerative /recuperative type burners on all reheating furnaces.	Agreed and will be complied
VI. Waste Management			
	i.	Oil Collection pits shall be provided in oil cellars to collect and reuse/recycle spilled oil. Oil collection trays shall be provided under coils on saddles in cold rolled coil storage area.	Noted and will be complied
	ii.	Kitchen waste shall be composted or converted to biogas for further use.	Agreed and will be complied
VII. Green Belt :			
	i.	Green belt shall be developed in an area equal to 33% of the plant area with native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant.	Thick Green belt to a width of 30 meters with a tree density of about 2500 trees/ha consisting of at least 3 tiers will be developed as a green buffer for mitigating the impact towards the villages namely Khatranga towards West direction and towards North East direction of project site. The greenbelt development will be covered 35% of the project area i.e. about 36.83 Hectares at the project area. Around 92,075 numbers of trees which are resistant to pollutants, will be planted as per CPCB/MoEFCC, New Delhi guidelines. Also, 1,350 nos. of tree sapling shall be planted on both side of road corridor on additional land to be used for road access. Right now around 5000 nos plantation already has been done in the fy~2022 - 23.

Abhishek B.L.

Director

	ii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the program for reduction of the same including carbon sequestration by trees in the plant premises.	Will be Complied
	iii.	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 monitor able with defined time frames.	Noted
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.	Agreed and Will be complied

Rashmi Green Hydrogen Steel Pvt. Ltd.

ABHISHEK 81

Director

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.	Agreed
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Agree and Will be Complied.

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.	Agreed and Will be complied
ii.	The company shall have a well laid down environmental policy duly approve by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.	<p style="text-align: center;">Noted</p> <p>The Company has laid down environmental policy approved by its board of directors. Corporate Environment Policy of the Company has been incorporated with the EIA Report and is attached as Annexure-III.</p> <p style="text-align: right; color: blue;">Gwalior Green Hydrogen Steel Pvt. Ltd.</p> <p style="text-align: right; color: blue;"><i>Abhishek KC</i> Director</p>

	<p>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.</p>	<p>Noted. A separate Environmental Cell both at project and company head quarter is in place. The framework of EHS is attached as annexure IV.</p>
<p>X. Miscellaneous</p>		
	<p>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.</p>	<p>Complied Advertisement for environment clearance dated 07.03.2023 in favour of M/S Rashmi Green Hydrogen Steel Private Limited published in two local newspapers that are widely circulated in the region are: 1. Aajkal dated 09.03.2023 (Bengali) 2. The Echo of India dated 09.03.2023 (English)</p>
	<p>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.</p>	<p>Complied Copies of EC dated 07.03.2023 w.r.t EC obtained in favour of M/S Rashmi Green Hydrogen Steel Private Limited submitted to DM, Paschim Medinipur & Gram Panchayat, Chakmakrapur, Changual and Lachhmapur vide letter dated 10.03.2023 and mail dated 06.10.2021.</p>
	<p>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.</p>	<p>Will be Complied</p>
	<p>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.</p>	<p>Agreed and Will be Complied Rashmi Green Hydrogen Steel Pvt. Ltd</p>

Abhishek B.
Director

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.	Being Complied and Will be Complied This Half Yearly Compliance report is being submitted in accordance to this condition.
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.	Agreed and will be complied. The project is still under construction phase.
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.	Noted The company is a private company and no finance is needed from outside
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.	Noted
ix.	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).	Noted
x.	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	Noted

	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.	
xiii.	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.	Noted

Realme Green Hydrogen Steel Pvt. Ltd.
Abi Anwar 82
 Director

CARBON SEQUESTRATION:

The rate of carbon sequestering depends on growth parameters of the plants. Density of wood of plants plays a major role. Trees act as sinks for carbon dioxide by fixing carbon during photosynthesis and storing carbon as biomass (Carbon sequestration). The net long-term carbon dioxide source/sink dynamics of green belt area change through time as trees grow, get pruned, die and decay. Trees in green belt areas sequester and store carbon as they grow. Thus, green belt influence local climate, carbon cycles, energy use and climate change. There are few methods companies have been/ will be adopting for capturing carbon emission:

Green field technology-company has done sufficient plantation in and around the plant premises. The detail is already discussed in section 4.11.2.

AMOUNT OF CARBON SEQUESTERED THROUGH GREENBELT

The rate of carbon sequestration depends on the growth characteristics of the tree species, the density of its wood, the location's conditions for growth, and the plant stage of the tree. It is greatest in the younger stages of tree growth, between 20 to 50 years. Further complicating the issue is the fact that far less research has been done on tropical tree species as compared to temperate tree species.

To calculate Amount of carbon sequestered through trees process are as follows:

- a) Determine the total (green) weight of the tree.
- b) Determine the dry weight of the tree.
- c) Determine the weight of carbon in the tree.
- d) Determine the weight of carbon dioxide sequestered in the tree.
- e) Determine the weight of CO₂ sequestered in the tree per year

a) Determine the total (green) weight of the tree.

The green weight is the weight of the tree when it is alive. The green weight of the above-ground weight as follows:

$$W \text{ (above-ground)} = 0.25 D^2 H \text{ (for trees with } D < 11)$$

$$W \text{ (above-ground)} = 0.15 D^2 H \text{ (for trees with } D > 11)$$

Note:

W (above-ground) = Above-ground weight in pounds

D = Diameter of the trunk in inches

H = Height of the tree in feet

The root system weight is about 20% of the above-ground weight. Therefore, to determine the total green weight of the tree, multiply the above-ground weight by 1.2:

$$W \text{ (total green weight)} = 1.2 * W \text{ (above-ground)}$$

b) Determine the dry weight of the tree.

Rashmi Green Hydrogen Steel Pvt. Ltd.
 Director

The average tree is 72.5% dry matter and 27.5% moisture. Therefore, to determine the dry weight of the tree, multiply the total green weight of the tree by 72.5%.

$$W \text{ (dry weight)} = 0.725 * W \text{ (total green weight)}$$

c) Determine the weight of carbon in the tree.

The average carbon content is generally 50% of the tree's dry weight total volume. Therefore, in determining the weight of carbon in the tree, multiply the dry weight of the tree by 50%.

$$W \text{ (carbon)} = 0.5 * W \text{ (dry weight)}$$

d) Determine the weight of carbon dioxide sequestered in the tree

CO₂ is composed of one molecule of Carbon and 2 molecules of Oxygen.

The atomic weight of Carbon = 12.00

The atomic weight of Oxygen = 15.99

The weight of CO₂ is C + 2 * O = 43.99

The ratio of CO₂ to C is 43.99/12.00 = 3.67

Therefore, to determine the weight of carbon dioxide sequestered in the tree, multiply the weight of carbon in the tree by 3.67.

$$W \text{ (carbon-dioxide)} = 3.67 * W \text{ (carbon)}$$

CO₂ SEQUESTRATION CALCULATION DETAIL:

CASE-I (For the Initial First 05 Years)

From Proposed Trees:

Company had proposed to plant 89,100 nos. of trees within a span of 02 years of Avg. 1.5 meter tall or 4.92 feet tall ("H") and 05 cm trunk or 1.97 inch trunk ("D")

$$\begin{aligned} W \text{ (above-ground)} &= 0.25 D^2 H \\ &= 0.25 (1.97)^2 (4.92) \\ &= 4.77 \text{ lbs (2.16 kg)} \end{aligned}$$

$$\begin{aligned} W \text{ (total green weight)} &= 1.2 * W \text{ (above-ground)} \\ &= 1.2 * 4.77 \\ &= 5.72 \text{ lbs (2.60 kg)} \end{aligned}$$

$$\begin{aligned} W \text{ (dry weight)} &= 0.725 * W \text{ (total green weight)} \\ &= 0.725 * 5.72 \text{ lbs} \\ &= 4.15 \text{ lbs (1.88 kg)} \end{aligned}$$

$$\begin{aligned} W \text{ (carbon)} &= 0.5 * W \text{ (dry weight)} \\ &= 0.5 * 4.15 \text{ lbs} \end{aligned}$$

Rashmi Green Hydrogen Gas Pvt. Ltd.
10/10/2024

Director

$$= 2.08 \text{ lbs (0.94 kg = 1.0 kg)}$$

Average carbon sequestered by proposed tree is 1.0 kg or 0.001 tons

$$= 89,100 \text{ trees} \times 0.001 \text{ MT/Year} = 89.1 \text{ MT/Year}$$

Total carbon sequestered = 87.75 MT/Year

CASE-II (Post 05 Years till maturity of the trees or 10 years)

Company will developed 33.40 % of total plant area as green belt @ 2500 trees per hectare. Approx. 89,100 nos. of trees planted in and around the plant premises all along the boundary. Consider the detail of the trees

Avg. 5 meter tall or 16.4 feet tall ("H")

25 cm trunk or 9.8-inch trunk ("D")

$$\begin{aligned} \text{W (above-ground)} &= 0.25 D^2 H \\ &= 0.25 (9.8)^2 (16.4) \\ &= 393.76 \text{ lbs (178.61 kg)} \end{aligned}$$

$$\begin{aligned} \text{W (total green weight)} &= 1.2 * \text{W (above-ground)} \\ &= 1.2 * 393.76 \\ &= 472.51 \text{ lbs (214.33 kg)} \end{aligned}$$

$$\begin{aligned} \text{W (dry weight)} &= 0.725 * \text{W (total green weight)} \\ &= 0.725 * 472.51 \text{ lbs} \\ &= 342.57 \text{ lbs (155.39 kg)} \end{aligned}$$

$$\begin{aligned} \text{W (carbon)} &= 0.5 * \text{W (dry weight)} \\ &= 0.5 * 342.57 \text{ lbs} \\ &= 171.29 \text{ lbs (77.69 kg = 78 kg)} \end{aligned}$$

Average carbon sequestered by existing individual tree is 78 kg or 0.078 tons

$$= 89,100 \text{ trees} \times 0.078 \text{ MT/Year} = 6949.8 \text{ MT/Year}$$

CASE-III (From fully mature tree-post 10 years till 30 years)

Company will developed 33.40% of total plant area as green belt @ 2500 trees per hectare. Approx. 89,100 nos. of trees planted in and around the plant premises all along the boundary. Consider the detail of the trees

Avg. 10 meter tall or 32.81 feet tall ("H")

30 cm trunk or 11.81-inch trunk ("D")

$$\begin{aligned} \text{W (above-ground)} &= 0.15 D^2 H \\ &= 0.15 (11.81)^2 (32.81) \\ &= 686.43 \text{ lbs (311.36 kg)} \end{aligned}$$

$$\text{W (total green weight)} = 1.2 * \text{W (above-ground)}$$

Rashmi Green Hydrogen Steel Pvt. Ltd.
81
Director

$$= 1.2 * 686.43$$
$$= 823.72 \text{ lbs (373.63 kg)}$$

W (dry weight) = **0.725 * W (total green weight)**
= 0.725 * 823.72 lbs
= 597.20 lbs (270.89 kg)

W (carbon) = **0.5 * W (dry weight)**
= 0.5 * 597.20 lbs
= 298.60 lbs (135.44 kg \approx 135 kg)

Average carbon sequestered by tree is 135 kg or 0.135 tons

$$= 89,100 \text{ trees} \times 0.135 \text{ MT/Year} = 12,028.5 \text{ MT/Year}$$

Additional under EMP for social & Infrastructure development avenue plantation will be done and fund allocated is INR. 30.00 Lacs. In and around the plant premises in nearby villages green belt will be developed by planting more or less approx. 2, 00,000 nos. of trees and average carbon sequestration from fully mature trees will be 27,000 MT per year.

Total Carbon Sequestered by Tree (Planted Inside of plant + Trees planted in nearby villages) = 39,028.5 MT /year.

Abhish 82



GOVERNMENT OF WEST BENGAL
IRRIGATION & WATERSHEDS DIRECTORATE
OFFICE OF THE EXECUTIVE ENGINEER
WEST MIDNAPORE DIVISION
P.O. MIDNAPORE, DIST. PASCHIM MEDINIPUR
PHONE & FAX NO. 0322-532272
E-Mail: emmid1212@gmail.com

Memo No.

530

Date

29.09.22

To

The Superintending Engineer,
Western Circle-II (I&W, Dte.),
P.O.- Midnapore, Paschim Medinipur.

Subj:- Permission for drawal of 10000 KLD raw water (5000 KLD for Rashmi Green Hydrogen Steel private Ltd. And 5000KLD for Orissa Alloy Steel Private Ltd.) for Rashmi Group of Industries.

Ref:- Memo No- 10-11-4M-28-2021 dt- 23.03.2022 of Joint Secretary, I&W Dte. Memo no-249E dt-12.04.2022 of Superintending Engineer, Western Circle-II, Memo no- 245-11-4M-28-2021 dt- 28.12.2021 of Joint Secretary, I&W Dte. and Memo no- 3111P-15 dt- 18.01.2022 of Superintending Engineer, Western Circle-II.

Sd/-

In reference to above the proposed site of drawal of 10000 KLD of water has been inspected from this end, detailed report in this regard is mentioned below-

- Applicant Group: Rashmi Group of Companies
- 1. Orissa Alloy Steel Pvt. Ltd. at Mouza- Chaugraha (JL. No-225), Malipur (JL. No-226) & Jambha (JL. No- 227) P.S-Khangra (Local) Dist- Paschim Medinipur
- 2. Rashmi Green Hydrogen Steel Pvt. Ltd. At Mouza- Khatraha, (JL no-262), Chaugra (JL. No- 340) and Jutim (JL. No- 341) P.S-Khangra, Dist-Paschim Medinipur
- Proposed quantity of Raw River Water

i) For Orissa Alloy Steel Pvt. Ltd.	5000 KLD
ii) For Rashmi Green Hydrogen Steel Pvt. Ltd.	5000 KLD
	<u>Total- 10000 KLD</u>

- Location of Drawal point on River Bank /Bed

Lat: 22.390651
Long: 87.390344

(River: Kangsabati, Bank - (R/B))

Point is about 4Km down- stream of the Medinipur Anicut at Mouza-Patyaaha, (JL. no-218) P.S-Khangra, Dist-Paschim Medinipur

- Availability of water:

Source: water remain available during monsoon period (15th June to 15th October) Sub- surface water along with surface water is proposed to be drawn by the applicant.

Rashmi Green Hydrogen Steel

Abhishek S.

Director

• Flood Embankment:

• Use of I&W D Land:

Ex-Zonatory embankment is there to the vicinity of the proposed disposal.

Two separate routes have been shown in two members of index map by the applicant both the routes required use of I&W D land.

Recommendation- Permission for disposal of Raw water from the river by suitable arrangement may be given to the agency subject to the availability of water and the condition given below:-

- Proper intake arrangement, measuring and monitoring arrangement should be made by the applicant and access should be allowed to official of I&W Dnc.
- No embankment bank of river should be damaged, any unattended damaged to embankment or asset of I&W D should be made good by the applicant.
- Details of departmental Land to be used is given by the applicant and necessary permission is obtained.
- All other mandatory clearances are obtained by the applicant.
- Tariffs as applicable for water and Land may be realized.

Rain water harvesting and recycling of water may also be suggested to reduce drawal of water during non-monsoon period.

This is for favour of your kind disposal please.

Encls - i) Copy of application of Orissa Alloy Steel And Radium Green Hydrogen Steel Pvt. Ltd. With in closure.

- (ii) Copy of report of SDO, Lachmapore Midnapore.

Thanking you


Executive Engineer (I&W Dnc)
West Midnapore Division
Midnapore, Paschim Medinipur

Memorandum - 530/1

Date - 22/09/22

Copy to Sub-Divisional Officer, Lachmapore (I) Sub-Division, Midnapore, Paschim Medinipur for information and necessary action.


Executive Engineer (I&W Dnc)
West Midnapore Division
Midnapore, Paschim Medinipur

Rajni Gosh (I) -

Assistant Director

GOVERNMENT OF WEST BENGAL
(Public Health Act, 1939)

Department of Health and Family Welfare, Paschim Medinipur

District Engineer (Public Health) Paschim Medinipur
Authority (D.A.) Paschim Medinipur

West Bengal Water Supply and Sewerage Department
(Management and Control and Regulation) Act 2005

PERMIT NO : P1421169005110000002T8E

a) Name of the Unit : RASHMI GREEN HYDROGEN STEEL PVT LTD
b) Address of the Unit : MOUZA- (ETHIA, KHARAGPUR II, WEST MEDINIPUR
c) Category of farmer :
d) Serial No. of Application Form and Date Of Submission : BP/B 0199, Sl- 49, 22-01-2022
e) Speciman Signature of the User :

a) District : Paschim Medinipur
b) Block/Mouza, I.L. No., Plot No. : Block- KHARAGPUR-II,
Mouza -
I.L. No.- 169,
Plot No.- 511
c) Municipality/corporation, Ward No., Borough No., Holding No. : Municipality/corporation-
Ward No.- ,Borough No.- ,Holding No.- ,Plot No.- 511

a) Type of the well	Tube well
b) Approx. depth of the well in mtr.	24
c) Purpose of well	Industrial
d) Assembly size (for tube well)	150 mm x 100 mm
e) Approx Strainer Length for tubewell	6 m
f) Diameter (for dug well)	0 mm
g) Type of the pump to be used	Submersible
h) H.P. of the pump	5
i) Operational Device of the pump	Electric Motor
j) Rate of the Withdrawal (m ³ /hr.)	10
k) Maximum allowable running hours per day	5.00

This permit authorizes the owner applicant (user) to sink a well in the location specified at S1 (2) for extraction of ground water at a rate not exceeding that as shown at S1(3) (j) and for running hours/day as shown at S1(3)(k), and is valid subject to the observance of the condition as stated overleaf.

Place : Paschim Medinipur

Date : 20-04-2022

Sujana Banerjee

Authority(D.A.) Paschim Medinipur

Conditions:

1. In case of any change of Ownership of the proposed well, fresh registration to be obtained.
2. No Change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at S1(2) and (j) of this certificate shall be made without prior permission of the Competent Authority. Any Violation in this regard shall lead to the cancellation of this permit.
3. In case if any particulars/ information furnished by the applicant in his application for the issuance of this permit is found to be incorrect during verification to any subsequent stage, this permit is liable for cancellation.
4. Any other condition imposed by the concerned Authority.

NB- Please See Reverse
Paschim Medinipur

Abhishek
Director

Conditionality for operating this Tubewell

1. Construction of RWH as per DLA
2. Ground water quality report to be submitted by the applicant every year
3. Installation of Water meter is mandatory

Dr. J. B. Bora

Geologist, SWID & Member Secretary,
District Level Ground Water Resources Development
Authority (DLA), Paschim Medinipur

END

Remarks : F4 No 001532


Dr. J. B. Bora

Dr. J. B. Bora
Director

 [Paschim Medinipur (DA)]
 Office of the Executive Engineer, District Water Department
 (Under the Department of Drinking Water & Sanitation)
 Authority (DLA), Paschim Medinipur

 [Under the Provisions of the West Bengal Ground Water Regulation
 (Management, Control and Regulation) Act 2002.]

PERMIT NO : P1421109005250000001TSE

a) Name of the Unit: : **RASHMI GREEN HYDROGEN STEEL PVT.LTD**
 b) Address of the Unit: : **MOUZA- JETHA, KHARAGPUR II, PASCHIM MEDINIPUR**
 c) Category of farmer :
 d) Serial No. of Application Form and Date Of Submission: : **BP/B 0199, SL- 50, 22-01-2022**
 e) Speciman Signature of the User : 

a) District : : **Paschim Medinipur**
 b) Block/Mouza/J.L. No./Plot No: : **Block- KHARAGPUR-II,
 Mouza-
 J.L. No.- 169,
 Plot No.- 525**
 c) Municipality/corporation, Ward No./Borough No./Holding No. : **Municipality/corporation- .
 Ward No.- ,Borough No.- , Holding No.- ,Plot No.- 525**

a) Type of the well	Tube well
b) Approx. depth of the well in mtr.	24
c) Purpose of well	Industrial
d) Assembly size (for tube well)	150mmx100 mm
e) Approx Strainer Length for tubewell	6 m
f) Diameter (for dug well)	0 mm
g) Type of the pump to be used	Submersible
h) H.P. of the pump	5
i) Operational Device of the pump	Electric Motor
ii) Rate of the Withdrawal (m ³ /hr.)	10
k) Maximum allowable running hours per day	5.00

This permit authorizes the owner applicant (user) to sink a well in the location specified at S.I (2) for extraction of ground water at a rate not exceeding that as shown at S.I(3) (i) and for running hours/day as shown at S.I(3)(K), and is valid subject to the observance of the condition as stated overleaf.

Place : Paschim Medinipur

Date : 28-04-2022

Siparun Banerjee

 Authority(DLA), Paschim Medinipur

Conditions:

1. In case of any change of Ownership of the proposed well, fresh registration to be obtained.
2. No Change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at S.I(1) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any Deviation in this regard shall lead to the cancellation to this permit.
3. In case of any particulars/ information furnished by the applicant in his application for the issuance of this permit is found to be incorrect during verification in any subsequent stage, this permit is liable for cancellation.
4. Any other condition imposed by the concerned Authority.

NB- Please See Reverse


 Abhishek 82

Conditionality for operating this Tubewell

- 1 Construction of RWH as per DLA
- 2 Ground water quality report to be submitted by the applicant every year
- 3 Installation of Water meter is mandatory

[Signature]

Geologist, SWID & Member Secretary,
District Level Ground Water Resources Development
Authority (DLA), Paschim Medinipur

END

Remarks: F# no 001521


Rashmi Green Hydro Power Pvt. Ltd.
[Signature]

Director

 Government of West Bengal
 Department of Environment and Forests
 Authority (DLA) Paschim Medinipur

THE WEST BENGAL (WELL) ACT, 1980 AND THE WEST BENGAL (WELL) REGULATIONS, 1980
 (AMENDMENT) 2009 (G.O. No. 1000/NDP/ACT/2009)

PERMIT NO : P1421109004990000003TSE

a) Name of the Unit: : BASHMI GREEN HYDRDGEN STEEL PVT LTD
 b) Address of the Unit: : MOUZA - JETHA, PS- KHARAGPUR (I), WEST MEDINIPUR
 c) Category of farmer :
 d) Serial No. of Application Form and Date Of Submission: : BP/B 0199, SL- 48, 21-01-2022
 e) Speciman Signature of the User : 

a) District : : Paschim Medinipur
 b) Block/Mouza, I.L. No., Plot No. : : Block- KHARAGPUR-II,
 Mouza-
 I.L. No.- 169,
 Plot No.- 499
 c) Municipality/corporation, Ward No., Borough No., Holding No. : : Municipality/corporation- ,
 Ward No.- ,Borough No.- , Holding No.- ,Plot No.- 499

a) Type of the well	Tube well
b) Approx. depth of the well in mtr.	24
c) Purpose of well	Industrial
d) Assembly size (for tube well)	150 mm x 100 mm
e) Approx Strainer Length for tubewell	6 m
f) Diameter (for dug well)	0 mm
g) Type of the pump to be used	Submersible
h) H.P. of the pump	5
i) Operational Device of the pump	Electric Motor
j) Rate of the Withdrawal [m ³ /hr.]	10
k) Maximum allowable running hours per day	5.00

This permit authorizes the owner applicant (user) to sink a well in the location specified at S.I (2) for extraction of ground water at a rate not exceeding that as shown at S.I(3) (j) and for running hours/day as shown at S.I(3)(K), and is valid subject to the observance of the condition as stated overleaf.

Place : Paschim Medinipur

Date : 20-04-2022

Siparna Banerjee

Authority (DLA) Paschim Medinipur

Conditions:

1. In case of any change of Ownership of the proposed well, fresh registration to be obtained.
2. No Change of location, design, rate of withdrawal and pumping device in respect of the proposed well as indicated at S.I(2) and (3) of this certificate shall be made without prior permission of the Competent Authority. Any Deviation in this regard shall lead to the cancellation to this permit.
3. In case of any particulars/ information furnished by the applicant in his application for the issuance of this permit is found to be incorrect during verification in any subsequent stage, this permit is liable for cancellation.
4. Any other condition imposed by the concerned Authority.

NB- Please See Reverse
 Rashmi Green Hydrdgen Pvt Ltd

 Director

Conditionality for operating this Tubewell

- 1 Construction of RWH as per DLA
- 2 Ground water quality report to be submitted by the applicant every year
- 3 Installation of Water meter is mandatory

Prasanna Talukder

Geologist, SWID & Member Secretary,
District Level Ground Water Resources Development
Authority (DLA), Paschim Medinipur.

END

Remarks : F4 No 001503

Prasanna Talukder

Abhishek 82 Director

RASHMI IRON & STEEL PRIVATE LIMITED

(FORMERLY: GLEAM IRON MINES PRIVATE LIMITED)

CIN: U14100WB2019PTC235300

ROOM NO. 3B, 1 GARSTIN PLACE, KOLKATA-700001, WEST BENGAL

Ref: RISPL/2022-2023/WATER/TII-UP

DECLARATION & UNDERTAKING FOR SUPPLY OF SURFACE WATER

M/s. Rashmi Iron & Steel Private Limited, is a flagship company of a renowned Industrial Group, originally incorporated on 16th day of December 2019 by name of Gleam Iron Mines Private Limited and subsequently name of the company changed to Rashmi Iron & Steel Private Limited on 23.06.2021, having its registered office at Room 3B, 1 Garstin Place, Kolkata, West Bengal, India - 700 001 is hereby declare and undertake that:

M/s. Rashmi Iron & Steel Private Limited has obtained water withdrawal permission for 2.0 MGD of raw material from river Kansabati by West Bengal Industrial Development Corporation Limited (WBIDCL), Govt. of W.B vide letter no -WBIDC/VIP/Water & Sewerage/2014-15/2021/3627 dated 01.03.2021.

M/s. Rashmi Green Hydrogen & Steel Private Limited, a Private Limited company, originally incorporated under Company Act on 27th day of July 2021 and having its registered Office at 9 AJC Bose Road 1st Floor, Ideal Centre Kolkata West Bengal 700017 is proposing to set up a green field Integrated Steel Plant of capacity 3.1 Million Ton per Annum (Finished Steel) along with 230 MW (80 MW WHRB/ TRT based + 150 MW Coal based) Captive Power Plant at Mouza – Changual (J.L. No-360), Jethia (J.L. No-361), Khatranga(J.L. No-362), P.S. – Kharagpur (Local), Dist. – Paschim Medinipur in the state of West Bengal, having latitude is 22°19'31.79" N to 22°20'44.97" N and longitude 87°23'32.09" E to 87°24'17.09" E. The total water demand for the project is 11,800 KLD.

After taking into consideration the interest and financial share cost for laying connecting pipe from Vidyasagar Industrial park to proposed location of RGHSPL (associate company of the Group), M/s. Rashmi Iron & Steel Private Limited agrees to provide 6,400 KLD water to M/s. Rashmi Green Hydrogen & Steel Private Limited from its sanctioned water permit.

I here by certified that all, the statements made in the above paragraph here in above are true to the best of my knowledge and belief.

For M/s. Rashmi Iron & Steel Private Limited

RASHMI IRON & STEEL PRIVATE LIMITED

(Authorised Signatory)

Date: 29.07.2022

Rashmi Green Hydrogen & Steel Private Limited
Abhishek B.L.
Director



WEST BENGAL INDUSTRIAL DEVELOPMENT CORPORATION LTD.

(A GOVERNMENT OF WEST BENGAL UNDERTAKING)

PROFIT, 21, Abanindranath Thakur Sengul (Canning Street), Kolkata - 700 017

Phone : +91 33 2255 3700-300, Fax : +91 33 2255 3737

E-mail : wbidc@wbidc.com, Web : www.wbidc.com

Corporate Identity Number : U75142WB195075000000000000

No. WBIDC/VIP/Water&Sewerage/2014-15/2021/3627

1st March 2021

M/s. Gleam Iron Mines private Limited,
1, Garstin Palace,
Room No. 311,
Kolkata - 700 001.
Email : gleamiron2019@gmail.com

Sub : Permission for drawal of water from pipeline system of "Vidyasagar Industrial Park" at Kharagpur, West Midnapore.

Ref : Your letter addressed to the Chairman, WBIDC dated 26.02.2021.

Sir,

With reference to the above, this is to inform you that WBIDC has received permission for drawal of 2 MGD of raw surface water from River Kangsuwati for Vidyasagar Industrial Park from Irrigation & Waterways Department (Copy of permission enclosed).

With respect to your request, WBIDC has no objection to your prayer for drawal of water from pipeline system of Vidyasagar Industrial Park. Cost of laying connecting pipeline to your facility would be at your own cost.

The quantum and feasibility may be ascertained in due course of time.

Rashmi Green Hydrogen Steel Pvt. Ltd

Rashmi

Director

Yours faithfully,

P. Kamalakar

01/03/2021

(P. Kamalakar)
Executive Director

GOVERNMENT OF INDIA
MINISTRY OF CORPORATE AFFAIRS
OFFICE OF THE REGISTRAR OF COMPANIES
Central Registration Centre

Indian Institute of Corporate Affairs (IICA), Plot no. 6,7,8, Sector 5, IIT Manesar, Gurgaon, Haryana, India, 122050

Dated: 11-05-2021

To,
GLEAM IRON MINES PRIVATE LIMITED
ROOM NO 3B, 1 GARSTIN PALCE, KOLKATA, Kolkata, West Bengal, India, 700001

Subject: Company's name change- RASHMI IRON & STEEL PRIVATE LIMITED - Availability of name under Section 4(5) of the Companies Act, 2013.

Sir/Madam

1. With reference to your application dated 30-04-2021 (SRN T17148362), It is informed that there is no objection in the availability of the changed name RASHMI IRON & STEEL PRIVATE LIMITED from the existing name GLEAM IRON MINES PRIVATE LIMITED to your company.
2. Still it must be taken care that the proposed name cannot be made available for a period exceeding 60 days from the date of approval and this approval does not grant any kind of right of privilege. The name is liable to be withdrawn at any time before approval of the name change, if it is found later on that the name ought not to have been allowed.
3. It is allowed subject to the compliance of Section 4(2), 4(3) and other applicable provisions of the Companies Act, 2013.



Yours sincerely,

Parvinder Singh
DEPUTY REGISTRAR OF COMPANIES
Registrar of Companies
Central Registration Centre, Ministry of Corporate Affairs

Note: The corresponding form has been approved by Parvinder Singh, DEPUTY REGISTRAR OF COMPANIES and this letter has been digitally signed by the Registrar through a system generated digital signature under rule 9(2) of the Companies (Registration Offices and Fees) Rules, 2014.

Abhishek 21
Director



RASHMI GREEN HYDROGEN STEEL PVT. LTD. CORPORATE ENVIRONMENT POLICY

M/s Rashmi Green Hydrogen Steel Private Limited, flagship Company of Rashmi Group incorporated under Company Act on 27th day of July 2021 and having its registered Office at 9 A/C Bose Road 1st Floor, Ideal Centre Kolkata West Bengal 700017 got impetus from its promoter through systematic funding. Rashmi group is a fast growing Group in the field of manufacturing steel and cement. The Group has developed core competence in minerals, steel and cement with 18 years of experience. The growth of the group during last few years has been phenomenal and fast catching the attention of bankers, professionals and industry as a whole. With verticals that are exploring innovative and sustainable avenues in Steel, Energy, Technology and Cement, Rashmi Group is paving the way for India's emergence as a global superpower.

- The company, Rashmi Alloy Steel Private Limited, recognizes its joint responsibility with the Government and the Public to protect environment and is committed to regulate all its activities so as to follow best practicable means for minimizing adverse environmental impact arising out of its operations.
- The aim of the Policy is to do all that is reasonably practicable to prevent or minimize, encompassing all available knowledge and information, the risk of an adverse environmental impact arising from manufacturing and supply of our products.
- This Policy document reflects the continuing commitment of the Board for sound Environment Management of its operations. The Policy is applicable to all company operations covering manufacturing, sales and distribution and other offices. This document defines the aims and scope of the Policy as well as responsibilities for the achievement of the objectives laid down.

THE VISION

Our business approach not only seeks to minimize our environmental footprint but also contribute in enhancing the environmental quality in and around our work area. All of our operational units are certified under is an ISO 9001 & 14001 standards and strictly follow defined operating procedures.

ENVIRONMENT POLICY

Rashmi Green Hydrogen Steel Private Limited (RGHSPL) is committed to meeting the needs of customers in an environmentally sound manner, through continuous improvement in environmental performance in all our activities. Management at all levels, jointly with employees, is responsible and will be held accountable for company's environmental performance.

Accordingly, RGHSPL aims to:

- ❖ Continuously assess our environmental impacts and measure and improve our environmental performance by adopting best practices for prevention and control of pollution.
- ❖ Ensure safety of its products and operations for the environment by using standards of environmental safety, which are scientifically sustainable and commonly acceptable.
- ❖ Develop, introduce and maintain environmental management systems across the company to meet the company standards as well as statutory requirements for environment. Verify compliance with these standards through regular auditing.
- ❖ Make continuous efforts to reduce water intensity and fresh water usage by increased use of harvested and recycled water in our operation.
- ❖ Reduce waste, conserve energy and explore opportunities for reuse and recycle.

- ❖ Conduct all our operations in an environmentally responsible manner that is better than statutory environment compliances and applicable standards;
- ❖ Involve all employees in the implementation of this Policy and provide appropriate training.
- ❖ Work in partnership with external bodies and Government agencies to promote environmental care, increase understanding of environmental issues and disseminate good practices.

CORPORATE RESPONSIBILITIES

The Directors/ Chairman of the Company is responsible for the Compliance of the Policy. The Directors/ Chairman shall constitute a Cell called as Corporate Environment Cell (CEC). The CEC is committed to conduct the company operations in an environmentally sound manner. The CEC will:

- ❖ Set standards and establish environmental improvement objectives and targets for RGHISPL as a whole and for individual units, and ensure these are included in the annual operating plans.
- ❖ Formally review environment performance of the company and report environmental performance to the Board of Directors/ Chairman of the company directly once every quarter.
- ❖ In case of emergency (non-compliance/deviation/violation/ major accident) immediate reporting to be done to the Directors/ Chairman of the Company.
- ❖ Review environment performance on monthly basis and recognise exemplary performance.

The overall responsibilities for environment management at plant level rest with Head of Environment Department. The Head of Environment Department will:

- ❖ Ensure implementation of Policy on environment at plant level and review, report environment performance of the plant to the Board of Directors/ Chairman of the company through CEC Cell once every quarter.
- ❖ In case of emergency (non-compliance/deviation/violation/ major accident) Head of Environment Department will do immediate reporting to the Directors/ Chairman of the Company.

The Corporate Environment Cell in coordination with Head of Environment Department will:

- ❖ Ensure implementation of Policy on environment and compliance with the Company's environmental standards and the standards stipulated as per law.
- ❖ Prevention of incidents or accidents that might result from abnormal operating conditions and
- ❖ Reduction of adverse effects that result from normal operating conditions.
- ❖ Establish appropriate management systems for environment management and ensure regular auditing to verify compliance.
- ❖ Establish systems for appropriate training in implementation of Environment Management Systems at work.
- ❖ Ensure periodic 3rd party environment audits through certification bodies to check efficacy of the Environment Management Systems.
- ❖ Participate, wherever possible, with appropriate industry and Government bodies advising on environmental legislation and interact with national and local authorities concerned with protection of environment.

INDIVIDUAL UNITS RESPONSIBILITIES

The overall responsibility for environment management at each unit will rest with the unit's head who will ensure implementation of Policy on environment at unit level and report to Head of Environment Department

RASHMI GREEN HYDROGEN STEEL PVT. LTD.

CORPORATE ENVIRONMENT POLICY

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Rashmi Green Hydrogen Steel Pvt. Ltd.
Abhishek B
Director

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- ❖ Formally review environment performance of the company and report environmental performance to the Board of Directors/ Chairman of the company directly once every quarter.
- ❖ In case of emergency (non-compliance/deviation/violation/ major accident) immediate reporting to be done to the Directors/ Chairman of the Company.
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- ❖ Participate, wherever possible, with appropriate industry and Government bodies advising on environmental legislation and interact with national and local authorities concerned with protection of environment.

INDIVIDUAL UNITS RESPONSIBILITIES

The overall responsibility for environment management at each unit will rest with the unit's head who will ensure implementation of Policy on environment at unit level and report to Head of Environment Department

or CEC Cell as the case may be on monthly basis. Concerned line managers / heads of departments are responsible for environmental performance at department levels.

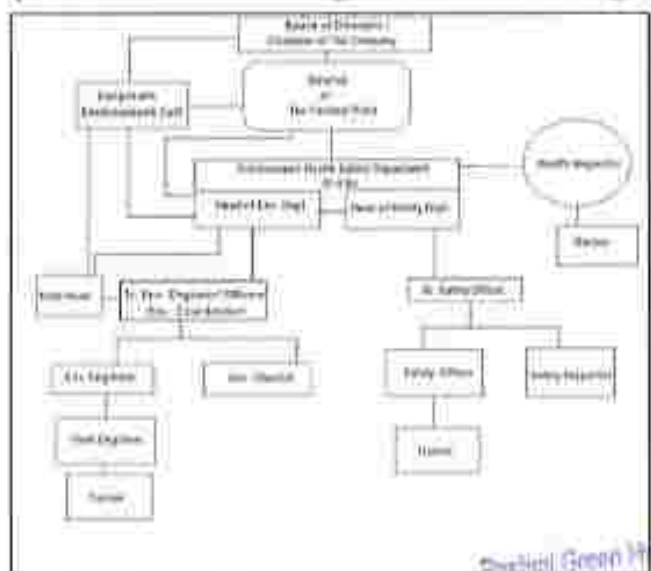
In order to full fill the requirements of the Policy at each site, the Unit Head will:

- ❖ Designate a unit environment coordinator who will be responsible for co-ordinating environmental activities at unit, collecting environmental data and providing expert advice and reporting environmental performance to the Unit Head on day to day or weekly basis as the case may be.
- ❖ Agree with the coordinator responsible for the unit specific environmental improvement objectives and targets for the unit and ensure that these are incorporated in the annual objectives of the concerned managers and officers and are reviewed periodically.
- ❖ Ensure that the unit complies with RGHSPL environmental standards and the relevant national and state regulations with respect to environment.
- ❖ Ensure that all new operations are subjected to a systematic and formal analysis to assess environmental impact. Findings of such exercises should be implemented prior to commencement of the activity.
- ❖ Regularly review environment performance of the unit against set objectives and targets and strive for continual improvement.

The Unit Head, through the Designate unit environment coordinator will:

- ❖ Ensure periodic audits to verify compliance with environment management systems.
- ❖ Ensure dissemination of relevant information on environment within the unit and to outside bodies, and regularly interact with Government authorities concerned for protection of environment.
- ❖ Maintain appropriate emergency procedures consistent with available technologies to prevent / control environmental incidents.
- ❖ Also ensure periodic 3rd party environment audits through certification bodies to check efficiency of the Environment Management Systems.
- ❖ Sustain a high degree of environmental awareness through regular promotional campaigns and employee participation through training, safety committees, emergency drills etc.
- ❖ Provide appropriate training to all employees.
- ❖ Report environmental performance to Corporate Environment Cell on a monthly basis.

The Hierarchy of our Corporate Environment management Cell that is being strictly followed is:



Rashmi Green Hydrogen Steel Pvt. Ltd.
Director

Date:-28.02.2022

Rashmi Green Hydrogen Steel Pvt. Ltd. 3 | P a g e
Director

6.1 PROPOSED ORGANIZATIONAL SET-UP

An environmental management cell is proposed to monitor and implement the environmental management programme. The same team shall be responsible for day to day activity related to environmental management in the proposed greenfield integrated steel plant. The proposed organizational chart has been presented in below figure.

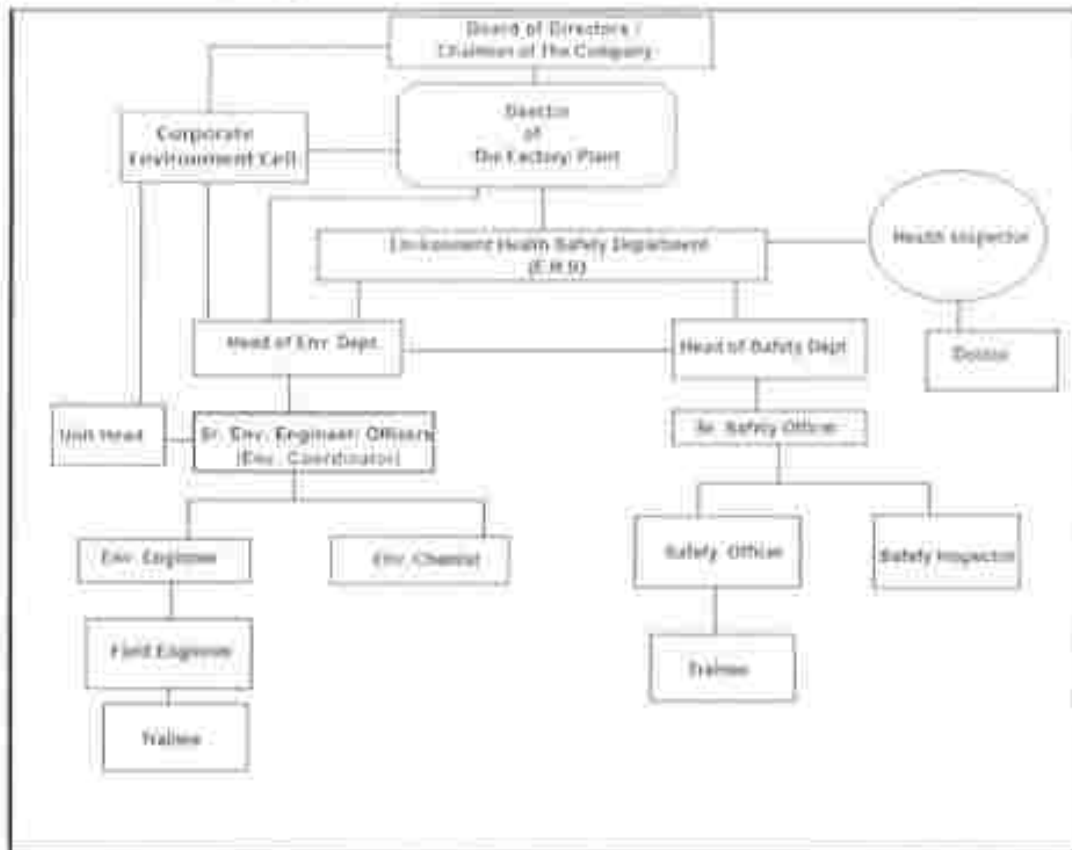


Fig. No.C6-1: Organisational Chart for Environmental Management

Rustal Green Hydrogen Steel Pvt. Ltd.
Abhishek
 Director

RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED

Address: B, A.C. Bose Road, 1st Floor, Ideal Centre, Kolkata, West Bengal 700017
CIN: UC2100NS2021PTC048719 | PAN: AALCR1619B | TAM: CALR1500A | GSTIN: 19AAALCR1619B1Z1
Website: www.rashmigrhsteel.com | Email: info@rashmigrhsteel.com

Ref: RGHSP/EC/22-23/01

Date: 10.03.2023

To,
The District Magistrate
Office of the District Magistrate,
Paschim Medinipur,
West Bengal - 721101

Sub: Intimation for obtaining Environment Clearance for 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.

Dear Sir,

With reference to the above subject, we would like to intimate you that Environment Clearance for 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 has been accorded by Ministry of Environment, Forest and Climate Change, Government of India vide EC Identification No. EC23A008WB113189 & File no- IA-I-11013/102/2022-IA-II(IND-I) dated 07.03.2023.

Environment Clearance copy is attached herewith.

This is for your kind information.

Thanking you,

For, M/s Rashmi Green Hydrogen Steel Pvt Ltd

(Signature)

Authorised Signatory ^{Director}

Encl: As above

Received Contents Not Verified
4/16/3/2023
D.M.'s
Central Receipt Section,
Paschim Medinipur

Rashmi Green Hydrogen Steel Pvt. Ltd.
(Signature) Director

0/0

RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED

Address - 9, A/C Bana Road, 1st Floor, Ideal Centre, Kolkata, West Bengal, 700017
CIN - U27100WB1997PTC026719 | PAN - AAKCT0919F | TAN - CALR12M004 | GSTIN - 19AAUCC191019127
Website - www.rashmisteel.com | Email ID - projects@rashmisteel.com

Ref: RGHSPL/EC/22-23/03

Date: 10.03.2023

To,
The Chakmakrapur Gram Panchayat
Paschim Medinipur, West Bengal

Sub: Intimation for obtaining Environment Clearance for 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.

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Environment Clearance copy is attached herewith.

This is for your kind information.

Thanking you,

For M/s Rashmi Green Hydrogen Steel Pvt Ltd

Authorised Signatory ^{Director}

Encl: As above

Receiver
Name Copy
17/3
Chakmakrapur Gram Panchayat
Kharagpur-II, Paschim Medinipur

Rashmi Green Hydrogen Steel Pvt Ltd
Abhishek
Director

FACTORY ADDRESS: JETHIA, KHARAGPUR, WEST MEDINIPUR, WEST BENGAL, 721304

RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED

Address: 11, Ashoka Road, 1st Floor, Great Eastern, Medinipur, West Bengal 732004
CIN: U11101 WB 2019 PVT0001111
Website: www.rashmisteel.com

Ref: RGHSP/11/22-2/102

Date: 10.03.2022

To:
The Chairman, Green Panchayat
Tansen Medinipur, West Bengal

Sub: Intimation for obtaining Environment Clearance for an Integrated Steel Plant of 3.1 Million Ton per annum (Finished Steel) along with 230MW (100MW 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.

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Environment Clearance copy is attached herewith.

This is for your kind information.

Thanking you,

For, M/s Rashmi Green Hydrogen Steel Pvt Ltd

Rashmi Green Hydrogen Steel Pvt Ltd

Authorised Signatory: Director

Encl: As above



Rashmi Green Hydrogen Steel Pvt Ltd
Abhishek Director

n/c

RASHMI GREEN HYDROGEN STEEL PRIVATE LIMITED

Address - 9, AJC Bose Road, 1st Floor, Ideal Centre, Kolkata, West Bengal, 700017
CIN: U11100WB3021PTC0571819AN | WLLC116181112AN - CFCR151005A | BBNYD: 1506ALC218110112T
Website: www.rashmigrp.com | Email: W: jpr@rashmigrp.com

Ref: RGHSP/EC/22-23/04

Date: 10/03/2023

To,
The Lachhimapur Gram Panchayet
Paschim Medinipur, West Bengal

Sub: Intimation for obtaining Environment Clearance for 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.

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This is for your kind information.

Thanking you,

For, M/s Rashmi Green Hydrogen Steel Pvt Ltd
Rashmi Green Hydrogen Steel Pvt. Ltd.

Authorised Signatory Director

Encl: As above

Received
16-03-2023
Lachhimapur Gram Panchayat
Khatranga-II Panchayat Samity

Rashmi Green Hydrogen Steel Pvt. Ltd.
Abhishek Ghosh Director

FORMAT FOR PROVIDING PARTICULARS ON GREEN BELT/PLANTATION UNDER E (P) ACT 1986

1 a)	Name of the Project :	M/s Rashmi Green Hydrogen Steel Private Limited – 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
1 b)	Environment Clearance Nos. :	EC Identification no- EC22A008WB113485 Issued vide File No- J-11011/237/2016-I (A) II (I) dated 01.06.2022
2	Location, Block/ Sub. Divn. / Dist/ State:	Mouza – Changuai (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
3	Address for communication :	9 A/C Bose Road 1st Floor, Ideal Center Kolkata. West Bengal-700017
4	Existing vegetation in the area/ region	
	a	Species (trees/shrubs/grasses/climbers)
	b	Major prevalent species of each type
5	Land coverage by the project	
	a	Total area under the project
	b	Area covered for basic infrastructure (roads/building/factory etc.)
6	Details about natural vegetation	
	a	Name and number of tree/ species felled
	b	Name and number of plant species still available in the area
	c	By protecting the area will indigenous stock come up
	d	Extent of greenbelt developed (as on 2022 - 2023)
7	Plantations required to be carried out as per	
	a	Conditions of Environmental Clearance in ha./ Nos.
	b	Conditions for Forest act (c) clearance in ha./ Nos.
	c	Voluntarily in acres (truck parking area etc.)
8	Voluntarily in no. for green belt development in nearby area(as on 31 st September)	
8	Details of plantations	

Rashmi Green Hydrogen Steel Pvt. Ltd.
Abhishek

Director

a	Plantation details (category wise & methodology used)	Species existing		Nos.	
		Radtachura		750	
		Krishnachura		1000	
		Arjun Karanj		750	
		Mehagini		1000	
		Rozla		100	
		Janul		100	
		Spathodia		100	
		Champa		100	
		Chatim		100	
		Jakadanda		100	
		Amathas		45	
		Bakul		100	
		Kanchan		500	
		Ashok		55	
		Doedr		200	
b	Survival of plantation		2022-2023		
	- Total Seedling/ Plantation (No.)		5,000		
	- Survival Trees (No) as on date from date of EC		4,400		
	- Survival		88.0%		
9.	Future Plan on Green Belt development	Greenbelt development over 35% areas of total plant premises will be done within the given time frame			
10.	Agency carrying out plantation and maintenance	Our own horticulture department & third party			
11.	Financial details (year wise) plantation wise and item wise	Sl. No.	Year	Funds allocated (Rupees)	Expenditure made including voluntarily tree plantation cost (Rupees)
		1	2023	20,00,000	17,50,000

Rashmi Green

Abhinder 82

Director