



Jharkhand <jam.env2018@gmail.com>

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## Jharkhand Ispat Pvt Ltd - EC compliance for the period April 24 to September 24

1 message

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**Jharkhand** <jam.env2018@gmail.com>

Thu, Dec 12, 2024 at 3:44 PM

To: ro.ranchi-mef@gov.in

Cc: rdkolkata.cpcb@gov.in, ranchijspcb@gmail.com, jspcb\_hazaribagh@rediffmail.com

Bcc: Jharkhand <jam.env2018@gmail.com>

Sir,

Please find enclosed herewith M/s Jharkhand Ispat Pvt Ltd - EC compliance report for the period of April 24 to September 24.



JIPL - EC Compliance - April 24 to September

24.pdf

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Regards,

Manoj Kumar  
Manager (Environment)  
Jharkhand Ispat Pvt Ltd  
Mob. No. - 9661817022

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N.Bank, Main Road,  
: Ramgarh Cantt. 829 122  
: Dist. Ramgarh (JHARKHAND)  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846  
: Fax : 06553-226845  
: E-Mail : jiplramgarh@gmail.com

**WORKS:**  
VILL. & P.O. HESLA, Argada  
DIST. RAMGARH (JHARKHAND)  
PIN: 829101

JIPL/2024-25

12/12/2024

To,  
The Additional Principal Chief Conservator of Forests (C),  
Government of India,  
Ministry of Environment, Forest & Climate Change,  
Integrated Regional Office (Eastern Central Zone),  
2nd Floor, Headquarter-Jharkhand State Housing Board,  
Harmu Chowk, Ranchi, Jharkhand- 834002

Sub:-Regarding compliance for the period April, 2024 to September, 2024 to the conditions of Environment Clearance for Sponge Iron Plant (4x100 TPD), Induction furnace (2x12T+1x12T), Rolling Mill (90,000 TPA) and 18 MW power plant [6 MW WHRB, 2 MW Coal char based and 10 MW Coal based].

Ref: - Environment Clearance Letter No. F. No. J-11011/41/2013-IA-II (I) Dated-07/09/2022.

Dear Sir,  
In reference to the above subject matter & reference letter, the point wise Half Yearly compliance status for the period of April, 2024 to September, 2024 is being submitted for your kind perusal please.

Hope you will find this in order and oblige.

Thanking you.  
Yours faithfully

**For Jharkhand Ispat Pvt Ltd**



**Authorized Signatory**

Enclosures: Compliance status Report.

Cc to:-

- 1) The Zonal office Incharge, Central Pollution Control Board, Southernd Conclave, Block 502, 5th & 6th Floors, 1582 Rajdanga Main Road, Kolkata - 700 107 (W. B.).
- 2) The Member Secretary, Jharkhand State Pollution Control Board, T.A. Division Building (Ground Floor), HEC Campus, P.O. Dhurwa, Ranchi - 834004, Jharkhand.
- 3) Regional Officer, Regional Office, State Pollution Control Board, Hazaribagh, Jharkhand.

**Environment Clearance Compliance Status**  
**Period from April-2024 to September -2024**

<b>Name of Project:</b>	Jharkhand Ispat Pvt. Ltd.
<b>Capacity:</b>	Sponge Iron Plant (4x100 TPD), Induction furnace (2x12T+1x12T), Rolling Mill (90,000 TPA) and 18 MW power plant [6 MW WHRB, 2 MW Coal char based and 10 MW Coal based].
<b>Location:</b>	Village & P.O – Hesla, Via – Argada, Dist.- Ramgarh, Jharkhand.
<b>EC letter No.</b>	F. No. J-11011/41/2013-IA-II(I) Dated- 07/09/2022.

**A. SPECIFIC CONDITION:**

Sl. No.	CONDITION	COMPLIANCE			
i.	Damage remediation measures @ cost of Rs. 660.22 lakhs shall be implemented as per the action plan submitted in the EIA report.	EC obtained vide F. No. J-11011/41/2013-IA-II(I) Dated-07/09/2022. The first year of damage remediation plan has been considered as financial year 2023-24 i.e 1st April 2023 onwards.			
ii.	Jharkhand State Pollution Control Board vide letter Memo no. B-1767 dated 01.09.2022,has confirmed that M/s Jharkhand Ispat Private Limited has submitted Bank Guarantee amounting Rs. 6,60,22,500/- towards remediation plan and natural and community resources augmentation plan to Jharkhand State Pollution Control Board, Head Office, Ranchi vide BG No. 0962022BG0000159 dated 12.08.2022. Project proponent shall implement the plan and it shall be completed in three years whereas the bank guarantee shall be for five years. The bank guarantee shall be released by the SPCB after successful implementation of Remediation plan, Natural Resource Augmentation Plan and Community Resource Augmentation plan.	Following activities has been completed:- Following CER activities are completed till date:-			
		Sl. No	Activity	Budget	Remark
		01	Green Belt development in barren & stony forest land area of about 5 Ha located between the village Argada and Jharkhand Ispat Pvt Ltd in consultation with DFO, Ramgarh.	4,77,238/-	Supporting documents are enclosed as <b>Annexure - 1</b>
		02	Distribution of seedling (Paddy) & Manure (DAP) to the villagers of Hesla & Maraar	46,350/-	Supporting documents are enclosed as <b>Annexure -2.</b>
		03	Distribution of agricultural tools for agriculture purpose to villagers of Hesla and Maraar.	1,63,000/-	Supporting documents are enclosed as <b>Annexure -3.</b>
		04	Distribution of tractor (Make Mahindra) with hydraulic trolley and Rotavator to each Nagar panchayat of	21,54,940/-	Supporting documents are enclosed as <b>Annexure - 4.</b>

	village Hesla and Maraar		
05	Distribution of eight (8) numbers of E-Rickshaw (4-seater, Make: Mac Auto) with charger for public transport in village Argada, Phulsarai, Maraar & Barkakana	9,45,808.8/-	Supporting documents are enclosed as <b>Annexure -5.</b>
06	Fund submitted to the DFO, Ramgarh for conservation of fauna in Phulsarai Protected Forest.	6,10,000/-	Supporting documents are enclosed as <b>Annexure- 6.</b>
07	Fund submitted to the Executive Engineer, water ways division, Hazaribag (Jharkhand) for conservation of aquatic life in Damodar River.	6,30,000/-	Supporting documents are enclosed as <b>Annexure - 7</b>
<b>Total</b>		<b>50, 27,337/-</b>	

Following CER activity is going on:-

Sl. No	Activity	Compliance
01	Establishment of 16 Bedded Hospital with advance medical facilities with affordable and quality services in village & P.O Marar, District Ramgarh.	For the compliance of these facilities noted at Sl. No. 01 to 04, we have engaged "Ram Kumar Rungta Charitable Trust" for the purpose to complete the work in all respect. No suitable land at village – Marar was available for the establishment of these facilities, even after due approach by the Trust as well as ourselves. The Trust meanwhile has identified a land
02	Providing ENT clinic along with Doctor in Hesla and Argada villages.	
03	Distribution of Hearing aids to the needed Sr. Citizens of the Hesla, Maraar and Argada villages @ 1000x500 person.	
04	Oxygen plant at	

		Hesla village.	<p>measuring 2.14 Acres (approx.) besides the Naisarai - Giddi road in the village Hesla on long term lease basis and suggested to establish all these facilities in a consolidated campus. The said land is on the road side which is well connected to the village Hesla, Manua, Argada &amp; Marar.</p> <p>In this regard we have submitted letter dated 07/10/2024 to the MoEF&amp;CC, copy enclosed as <b>Annexure - 8.</b></p> <p>Long term lease agreement is being completed and layout for these facilities are in progress, we will taken up the installation shortly as discussed during site visit.</p>
	05	Installation of one number of bore/well based on Solar Pump system along with water storage tank each in Village Hesla and Mahuatand, District: Ramgarh	<p>The facilities as detailed at Sl. No. 05 to 14, we have initiated to start the work and approach to Nagar Parishad and ward Parshad as the villages of these activities are falling under Nagar Parishad. Accordingly we have severally approach Nagar Parishad regarding identifying and finalizing the locations and also providing the necessary support for installation of these activities.</p> <p>Last communication letter enclosed as <b>Annexure - 9.</b></p> <p>We shall start the work as per the direction of Nagar Parishad. We could not initiate the</p>
	06	Drinking water plant (10nos.) including bore well with solar power with water cooler including RO & UV in Argada & Hesala Village.	
	07	Sewage treatment plant in village Hesla	
	08	Construction of Covered Drainage system along with sewage pits within village Hesla	
	09	Rain water harvesting pit at Panchayat office	

		<table border="1"> <tr> <td></td> <td>of Hesla, Argada, Barkakana, Manuan, Maraar and Phulsarai villages</td> <td rowspan="6">work without the identification &amp; finalization of the site of these activities.</td> </tr> <tr> <td>10</td> <td>Renovation of Ponds (Includes Cleaning/ desiltation, concrete Lining) and construction of wharf and platforms in pond located in each of Argada, Hesla, Manuan, and Maraar villages</td> </tr> <tr> <td>11</td> <td>Installation of Biodegradable waste converter (Make: Reddonatura, Capacity: 75kg/day) in Argada, Manuan and Hesla village</td> </tr> <tr> <td>12</td> <td>Cattle food processing plant with veterinary hospital at Hesla villages</td> </tr> <tr> <td>13</td> <td>Biogas plant in Manuan, Barkakana and Maraar village</td> </tr> <tr> <td>14</td> <td>Installation of one number of bore/well based on Solar Pump system along with water storage tank each in Village Hesla and Mahuatand, District: Ramgarh</td> </tr> </table>		of Hesla, Argada, Barkakana, Manuan, Maraar and Phulsarai villages	work without the identification & finalization of the site of these activities.	10	Renovation of Ponds (Includes Cleaning/ desiltation, concrete Lining) and construction of wharf and platforms in pond located in each of Argada, Hesla, Manuan, and Maraar villages	11	Installation of Biodegradable waste converter (Make: Reddonatura, Capacity: 75kg/day) in Argada, Manuan and Hesla village	12	Cattle food processing plant with veterinary hospital at Hesla villages	13	Biogas plant in Manuan, Barkakana and Maraar village	14	Installation of one number of bore/well based on Solar Pump system along with water storage tank each in Village Hesla and Mahuatand, District: Ramgarh
	of Hesla, Argada, Barkakana, Manuan, Maraar and Phulsarai villages	work without the identification & finalization of the site of these activities.													
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13	Biogas plant in Manuan, Barkakana and Maraar village														
14	Installation of one number of bore/well based on Solar Pump system along with water storage tank each in Village Hesla and Mahuatand, District: Ramgarh														
iii.	PP shall meet the 2906 KLD water requirement from Damodar River after obtaining requisite permission from the concerned competent authority. Ground water abstraction for industrial purpose is not permitted.	Complying with.													
iv.	Railway siding for the material transportation shall be provided by December, 2022 as committed.	Railway authority introduced new policy Gati Shakti Multi Modal Cargo Terminal; JIPL awarded the work under GCT vide letter no C710/GCT/ARGD/DHN/24 dated 22/04/2024. Work is initiated and expected to be													

completed by end of 2025. It is delay due to change of policy of Railway.  
Hence only WHRB is installed and other facilities are delay.

v. Green Belt shall be developed in 40 % of total land with tree density of 2500 trees per ha. (or 1000 trees per acre) all along the periphery of the project site. This shall include development of green belt with a width of 10-20 m within the project site towards Argarda village and Mahuwa Tand village.

Complying with.  
Unit has expended **Rs 25,96,356.70/-** (under Environment clearance expenditure **Rs 4,77,238/-** & **Rs 21,60,760.70/-** under CSR) for green belt development in barren & stony forest land area of about 5 hectare located between the village Argada and Jharkhand Ispat Pvt Ltd in consultation with DFO, Ramgarh. Letter of DFO regarding development of barren & stony forest land for plantation is enclosed as Annexure – 1.

Detail expenditure are given below:-

Sl. No.	Particulates	Amount
<b>Year 2023-24</b>		
01	Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen	64,440.00
02	Diesel & lubricant used provided to the deployed heavy vehicle machinery.	3,47,716.00
03	Payment for site development and laying of soil etc.	36,000.00
<b>TOTAL</b>		<b>4,48,156.00/-</b>
<b>Year 2024-25 till date</b>		
01	Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development.	1,39,190.00
02	Diesel & lubricant used provided to the deployed heavy vehicle machinery.	10,93,908.80
03	Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen	5,20,000.00
04	Payment for site development and laying of soil etc.	25,300.00
05	Payment for pipeline work with sprinklers installation for green belt development	2,22,579.90
06	Wire fencing work	1,59,782.00
<b>TOTAL</b>		<b>21,60,760.70/-</b>
<b>GRAND TOTAL</b>		<b>26,08,916.70/-</b>

vi. Performance test shall be conducted on all pollution control systems every

Compiling with.  
Performance test monitoring report of all pollution

	year and report shall be submitted to Regional Office of the MoEF&CC.	control systems is enclosed as <b>Annexure – 10.</b>
vii.	Effluent treatment plant shall be provided for 225 KLD effluent and treated water shall be reutilized in plant process.	Noted.
viii.	Particulate matter emission from stacks shall be less than 30 mg/Nm <sup>3</sup> .	Complying with. Stack monitoring report is enclosed as <b>Annexure – 11.</b>
ix.	100 % solid waste shall be utilized. Dumping is not permitted.	Complying with.
x.	Project proponent shall operate the violating unit “2x100 TPD DRI Kiln and 2x12 T Induction Furnace” only after obtaining Environmental Clearance and valid consent from state pollution control board as committed in the undertaking submitted to the Ministry.	Agree with and complied.
xi.	80-85 % hot charging for billets shall be done. Balance rolling shall be carried out through reheat furnace operating on LDO/LSHS.	Rolling mill installation project is going on and expected to be completed by end of 2025.
xii.	All plant roads shall be paved and industrial vacuum cleaners shall be used to clean the roads regularly.	Noted, a dedicated housekeeping team is engaged to clean the factory premises.
xiii.	All stock piles shall be constructed over impervious soil and garland drains with catch pits to trap run off material shall be constructed.	Noted.

**B. GENERAL CONDITION:**

Sl.No	CONDITION	COMPLIANCE
I	<b>Statutory compliance :</b>	
i	The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.	Agree with.
II.	<b>Air Quality monitoring and preservation:</b>	
i	The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in	Being complied. Online monitoring systems – CEMS & CAAQMS are installed. It is connected online with Central Pollution Control Board and Jharkhand State Pollution Control Board URL server.



	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.	Photograph of AAQMS is enclosed as <b>Annexure – 12.</b>
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.	Being complied. Fugitive monitoring report is enclosed as <b>Annexure – 13.</b>
iii	Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	Agree with.
iv	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Being complied on regular basis. 8 nos of bag filters are installed at different transfer point.
v	Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.	Noted.
vi	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	Being complied with.
vii	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Being complied with.
viii	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Noted.
ix	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Being complied with.
III	<b>Water quality monitoring and preservation</b>	
i.	The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; G.S.R 277 (E) dated 31 <sup>st</sup> March 2012 (applicable to IF/EAF); S.O. 3305 (E) dated 7th 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 recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.	Noted. Unit has installed one number of Web Camera & Flow Meter near pump house. As per CPCB guideline, data is uploaded on CPCB & JSPCB URL sever.
ii.	The project proponent shall monitor regularly ground	Being Complied on regular basis.

	water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	Pre and post monsoon Ground water quality test monitoring & Piezometer reading is enclosed as <b>Annexure – 14.</b>
iii.	Adhere to ‘Zero Liquid Discharge’.	Agree with.
iv.	Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.	For domestic waste, Unit has provided septic tank with soak pit.
v.	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.
<b>IV.</b>	<b>Noise monitoring and prevention:</b>	
i.	Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation And Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.	Being complied on regular basis. Noise monitoring report is enclosed as <b>Annexure – 15.</b>
<b>V.</b>	<b>Energy Conservation measures</b>	
i.	Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.	Noted. For minimization of energy consumption, Unit has used LED lights.
<b>VI.</b>	<b>Waste management:</b>	
i.	Used refractories shall be recycled as far as possible	Agree and complying with.
ii.	100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry’s Regional Office.	Noted. Till date unit has installed only WHRB power plant.
iii.	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused in melting Furnaces.	Noted. Rolling mill installation project is going on and expected to be completed by end of 2025.
iv.	Kitchen waste shall be composted or converted to biogas for further use.	Noted.
<b>VII.</b>	<b>Green Belt :</b>	
i.	Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant	Being complied in regular basis.
ii.	The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.	GHG emissions inventory report is enclosed as <b>Annexure – 16.</b>

<b>VIII</b>	<b>Public hearing and Human health issues :</b>	
i.	Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Being complied with.
ii.	The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.	Being complied with.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Periodical health check-up are being carried and record are maintained on regular basis.
<b>IX.</b>	<b>Corporate Environment Responsibility</b>	
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.	Complying with.
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.	Environmental policy duly approve by the Board of Director is enclosed as <b>Annexure – 17.</b>
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.	Being complied.

**X. MISCELLANEOUS:**

i	The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.	Advertised in two local newspapers of the District, Prabhat Khabar and Danik Bhaskar published on 13/09/2022 and 14/09/2022 respectively. Environmental conditions and safeguards will be complied in due course. EC letter has been put on our web site <a href="http://www.jharkhandispat.in">www.jharkhandispat.in</a>
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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.	Copy of environment clearance letter has been sent to the following authorities:- 1) The Member Secretary, Jharkhand State Pollution Control Board, Ranchi, Jharkhand dated 12/09/2022. 2) The Regional officer, Jharkhand State Pollution Control Board, Hazaribagh, Jharkhand dated 12/09/2022. 3) The District Industries Centre, District -Ramgarh, Jharkhand dated 12/09/2022. 4) The Deputy Commissioner, District- Ramgarh, Jharkhand dated 12/09/2022. 5) President, Ramgarh Nagar Parishad, District- Ramgarh, Jharkhand dated 12/09/2022.
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.	Being complied on regular basis.
iv	The project proponent shall monitor the criteria pollutants level namely; PM <sub>10</sub> , SO <sub>2</sub> , NO <sub>x</sub> (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.	Being complied. Ambient Air Quality monitoring Report is enclosed as <b>Annexure-18</b> . Display board has been displayed on main gate. Photograph is enclosed as <b>Annexure - 19</b> .
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.	Noted, being complied on regular basis. Last six monthly submitted report copy enclosed as <b>Annexure - 20</b> .
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.	Being complied for existing plant, noted for compliance in expansion project. Environment Statement Report has been uploaded on the company web site <a href="http://www.jharkhandispat.in">www.jharkhandispat.in</a>
vii	The project proponent shall inform the Regional	Noted.

	Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.	
viii	The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Agree with.
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).	Agree with.
x	Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.	Noted.
xi	The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Agree with.
xii	The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.	Agree with.
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.	Agree with.
xiv	Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.	Noted.

Thanking you.

Yours faithfully

**For Jharkhand IspatPvt Ltd**



**Authorized Signatory**

**JHARKHAND ISPAT PRIVATE LIMITED**

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224691, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill, & P.O.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....  
JIPL/114/2023-24

Date.....  
19/12/2023

To,  
**The Divisional Forest Officer,**  
Forest Division- Ramgarh  
Dist. - Ramgarh (Jharkhand)

Sub: Proposal for Green belt development in compliance to the direction of MoEF&CC issued under the Environment Clearance.

Ref.: Environment Clearance letter No. J-11011/41/2013-IA-II(I) Dated 07/09/2022.

Dear Sir,

With reference to the above, MoEF&CC, New Delhi has been issued Environment Clearance to the Unit vide letter No J-11011/41/2013-IA-II(I) Dated 07/09/2022 (Copy enclosed as Annexure - I). As per EC condition detailed at page no 10 in para 1 (ii) "Greenbelt of 15m width, covering an area of 0.45 ha will be developed along the periphery of the village Argada, District Ramgarh, Jharkhand". To comply this EC condition, Jharkhand Ispat Pvt Ltd is planning for development green belt in barren & stony forest land area of about 5.00 acre located between the village Argada and Jharkhand Ispat Pvt Ltd plant with an investment of Rs 4,50,000/-.

Kindly give us the direction for green belt development in the above said area. Detail Proposal for Green belt development is enclosed as Annexure - II for your kind reference please.

Your early action on the matter is solicited.

Thanking you,

Yours faithfully,  
For **JHARKHAND ISPAT PVT LTD**

*Punya Hand ji*  
Authorized Signatory



**कार्यालय:- वन प्रमंडल पदाधिकारी, रामगढ़ वन प्रमंडल, रामगढ़।**

(रांची रोड नियर बी.आर.एल. गेट, पो0-मरार, जिला-रामगढ़ पिन-829117)

Email id - [df0-ramgarh@gov.in](mailto:df0-ramgarh@gov.in), Landline- 06553-296061, Mobile No-8987790306

पत्रांक:- 22

दिनांक:- 5/01/24

सेवा में,

वन क्षेत्र पदाधिकारी,  
कुजू प्रक्षेत्र।

**विषय :-** मेसर्स झारखण्ड इस्पात प्रा0 लि0, हेसला द्वारा Green Belt development हेतु स्थल निरीक्षण के संबंध में।

**प्रसंग:-** निदेशक, मेसर्स झारखण्ड इस्पात प्रा0 लि0, हेसला, रामगढ़ का पत्रांक-114 दिनांक 10.12.2023

महाशय,

उपर्युक्त विषय के संबंध में सूचित करना है कि मेसर्स झारखण्ड इस्पात प्रा0 लि0 द्वारा भारत सरकार, पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय, नई दिल्ली द्वारा प्रदत्त पर्यावरणीय स्वीकृति के अनुपालन के क्रम में मौजा-अरगडा में 05 हे0 क्षेत्र में Greenbelt Develop करना है।

प्रयोक्ता अभिकरण द्वारा औद्योगिक ईकाई के आस पास वनरोपण हेतु वन भूमि का चयन किया गया है। चयनित स्थल का नक्शा इस पत्र के साथ संलग्न कर भेजते हुए निदेशित किया जाता है कि प्रस्तावित स्थल का स्थलीय निरीक्षण कर प्रतिवेदित करें कि उक्त स्थल पर Top Soil डालते हुए समतलीकरण के उपरान्त Greenbelt Develop किया जा सकता है ? क्या वन वृद्धि में इससे लाभ होगा ? पौधों की सुरक्षा के क्या उपाय किए जाएंगे ? प्रतिवेदन एक सप्ताह में जमा करना सुनिश्चित करें।

अनुलग्नक:- यथोक्त।

आपका विश्वासी,

*Hitish*  
05/01/24

वन प्रमंडल पदाधिकारी,  
रामगढ़।

ज्ञापक:- 22

दिनांक:- 5/01/24

**प्रतिलिपि :-** निदेशक, झारखण्ड इस्पात प्रा0 लि0, हेसला, रामगढ़ को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित। निदेशित किया जाता है कि स्थल निरीक्षण में वन क्षेत्र पदाधिकारी, कुजू को अपेक्षित सहयोग करें एवं अपने योजना से उनको अवगत करा, संयुक्त जाँच करना सुनिश्चित करें।

*Hitish*  
05/01/24

वन प्रमंडल पदाधिकारी,  
रामगढ़।

30



मौजा - हेसला, चापर नं० 1  
 थाना नं० - 138  
 थाना - माण्डु  
 परगना - जगेसर  
 जिला - रामगढ़  
 पैमाना - 1" बराबर 1 मील

अधिसूचित वन क्षेत्र

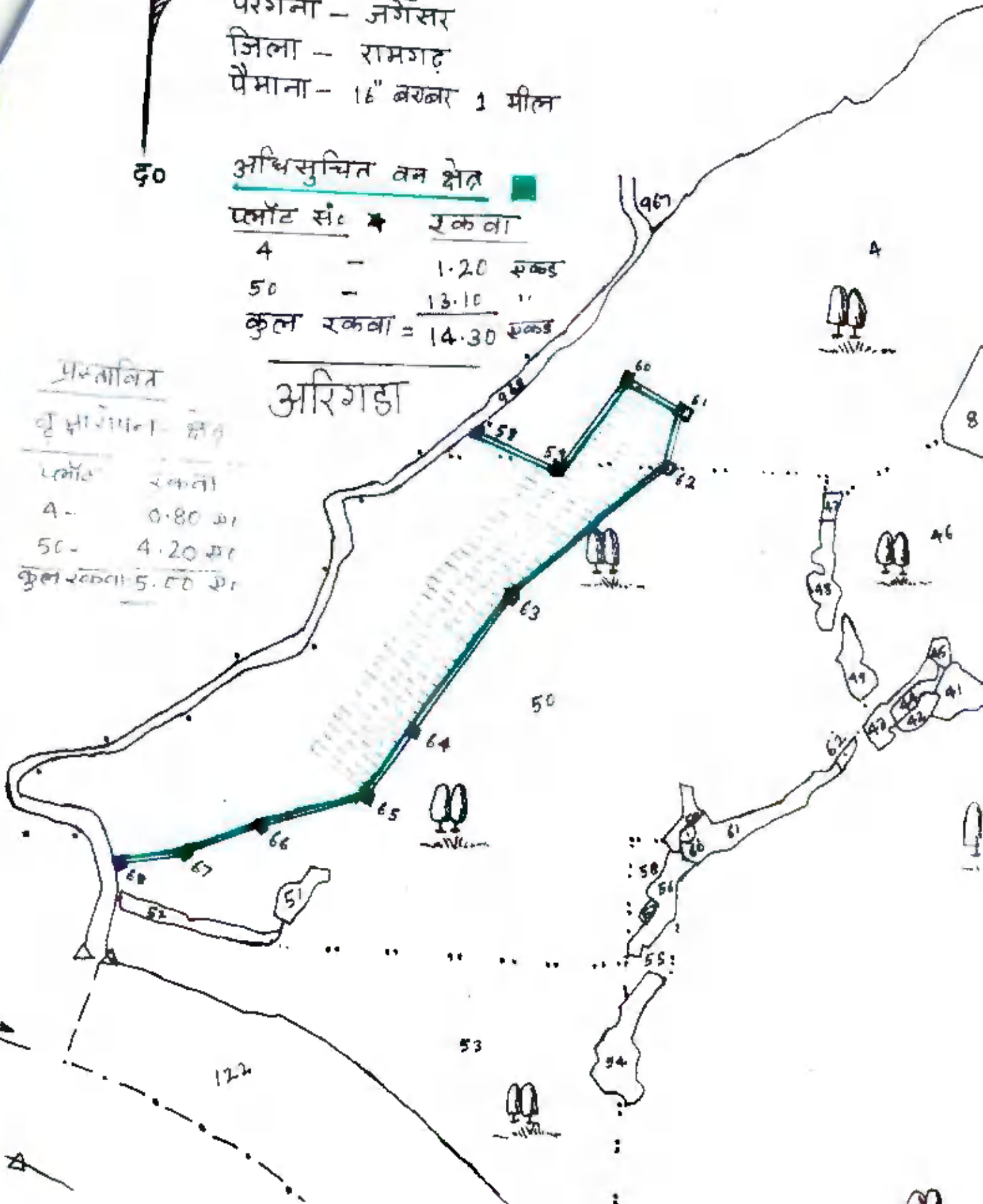
प्लॉट सं०	रकबा
4	1.20 एकड़
50	13.10 "
कुल रकबा =	14.30 एकड़

प्रस्तावित

वृक्षारोपण क्षेत्र

प्लॉट	रकबा
4-	0.80 अा
50-	4.20 अा
कुल रकबा =	5.00 अा

अरिगडा







**कार्यालय:-वन प्रमंडल पदाधिकारी, रामगढ़ वन प्रमंडल, रामगढ़।**

(रांची रोड नियर बी.आर.एल. गेट, पो0-मरार, जिला-रामगढ़ पिन-829117)

Email id -[df0-ramgarh@gov.in](mailto:df0-ramgarh@gov.in), Mobile No.8987790306, Landline No.06553-296061

पत्रांक .....90...../रामगढ़, दिनांक 18/01/24.....

सेवा में,

निदेशक,

झारखण्ड इस्पात प्रा0लि0

हेसला, रामगढ़।

**विषय :-** मेसर्स झारखण्ड इस्पात प्रा0 लि0 हेसला द्वारा Green Belt Development हेतु स्थल निरीक्षण के संबंध में।

**प्रसंग :-** आपका पत्रांक-114 दिनांक 19.12.23

महाशय,

उपर्युक्त विषयक प्रसंगाधीन पत्र के संबंध में सूचित करना है कि मेसर्स झारखण्ड इस्पात प्रा0लि0 को भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा प्रदत्त पर्यावरणीय स्वीकृति के बिन्दु संख्या-7 के अनुपालन के क्रम में औद्योगिक इकाई के आस-पास Greenbelt develop किया जाना है, जिसके क्रम में प्रसंगाधीन पत्र द्वारा मौजा-अरगड़ा में समर्पित रेखांकित मानचित्र के अनुसार 5 हे0 क्षेत्र का चयन किया गया है, जिसका स्थल निरीक्षण वन क्षेत्र पदाधिकारी, कुजू द्वारा किया गया है।

अतः Greenbelt development को वानिकी कार्य मानते हुए, निम्नलिखित शर्तों के साथ अनुमति प्रदान की जा रही है :-

- 1) प्रस्तावित स्थल अधिसूचित वन भूमि है, जिसका उपयोग सिर्फ Greenbelt development हेतु किया जाना है एवं उक्त भूमि का स्वामित्व वन भूमि ही रहेगा। इस पर प्रयोक्ता अभिकरण का कोई भी स्वामित्व अधिकार नहीं होगा।
- 2) प्रस्तावित स्थल पर अतिक्रमण एवं अवैध खनन के रोकथाम हेतु पूर्व से फेकें मलबे का समतलीकरण कर कम-से-कम 3 से 4 फीट उपजाऊ मिट्टी भरते हुए वनरोपण कार्य किया जाय।
- 3) पौधों की सुरक्षा हेतु Chain Link Fencing/ Wire Fencing कार्य किया जाय।
- 4) प्रस्तावित स्थल पर ग्रामीणों के हित में वनोपज/फलदार वृक्षों का वृक्षारोपण किया जाय।
- 5) पौधों का रख-रखाव कार्य कम-से-कम पांच वर्षों का सुनिश्चित किया जाय।

- 6) पौधारोपण हेतु अग्रिम कार्य एवं समापन कार्य वन क्षेत्र पदाधिकारी, कुजू के देखरेख में एवं उनके निर्देशानुसार कराना सुनिश्चित करेंगे।
- 7) रोपित किये जाने वाले पौधा का प्रत्येक छमाही वन क्षेत्र पदाधिकारी, कुजू के साथ संयुक्त स्थल निरीक्षण के साथ उत्तरजीविता प्रतिवेदन समर्पित करना सुनिश्चित करेंगे।

आपका विश्वासी,

  
18/01/24  
वन प्रमंडल पदाधिकारी,  
रामगढ़

ज्ञापांक ..... 90 ..... दिनांक ..... 18/01/24 .....  
प्रतिलिपि :- वन क्षेत्र पदाधिकारी, कुजू प्रक्षेत्र को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

  
18/01/24  
वन प्रमंडल पदाधिकारी,  
रामगढ़

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill. & P.O.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No. ....  
JIPL/2023-24

*o/c*

Date.....13/03/2024

To,  
**The Ranger Forest Officer,**  
Kuju, Dist. - Ramgarh  
(Jharkhand)

Sub: Green belt development regarding.

Ref.: Letter no 90 dated 18/01/2024 issued by DFO, Ramgarh.

Dear Sir,

With reference to the above, this is to inform you that M/s Jharkhand Ispat Pvt Ltd is developing green belt as per direction issued vide letter no 90 dated 18/01/2024.

In this regards we have completed following work:-

- 1) Scattered heavy & small stone pitching besides the low land to create retention of soil by deploying the Dozer & JCB.
- 2) Levelling of the surface of the area.
- 3) Top soil filling for green belt development. (Few photographs are enclosed for your kind reference).

This is for your kind Information and needful please. Selection of plant for plantation and other technical suggestlons on the matter is solicited.

Thanking you,

Yours faithfully,  
For **JHARKHAND ISPAT PVT LTD**

*[Signature]*  
Authorized Signatory

Enc.:- As above.

Cc.:- The Divisional Forest Officer, Ramgarh Forest Division, Jharkhand for information.

*[Signature]*  
13/03/24

**JHARKHAND ISPAT PVT. LTD  
GREEN BELT DEVELOPEMENT**





# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill, & P.D.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No **JIPL/2024-25**.....

O/C

Date..... **22/05/2024**

To,  
**The Forest Range Officer,**  
Kuju, Dist. - Ramgarh  
(Jharkhand)

Sub: Green belt development regarding.

Ref.: 1) Letter no 90 dated 18/01/2024 issued by DFO, Ramgarh.  
2) Our letter no. JIPL/2023-24 dated 13/03/2024.

Dear Sir,

With reference to the above, this is to inform you that M/s Jharkhand Ispat Pvt. Ltd is developing green belt as per direction issued by DFO, Ramgarh vide letter no 90 dated 18/01/2024 on Khata no. - 64, Plot no - 4 & 50 of village - Hesla, Distt- Ramgarh, Jharkhand (falling between the village Argada and Jharkhand Ispat Pvt. Ltd plant).

In this regards we have completed following work:-

- 1) Scattered heavy & small stone pitching besides the low land to create retention of soil by deploying the Dozer & JCB.
- 2) Leveling of the surface of the area.
- 3) Top soil filling for green belt development.

For the above work, we have already incurred total Rs 15,27,085/- (under Environment clearance expenditure Rs 4,77,238/- & Rs 10,49,847/- under CSR). We also request you to provide the plants from your forest Nursery. We have planned for plantation in coming monsoon.

Selection of plant for plantation and other technical suggestions on the matter from your end is solicited.

Thanking you,

Yours faithfully,  
For **JHARKHAND ISPAT PVT LTD**



Authorized Signatory

CC: - The Divisional Forest Officer, Ramgarh Forest Division, Jharkband for information.

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS** :  
Vill. & P.O. - Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....

Date.....

JIPL/2024-25

20.07.2024

To  
The Divisional Forest Officer,  
Dist- Ramgarh, Jharkhand

Sub: Submission of progress regarding Green Belt Development on Plot No. 4 & 50 of Khata no. 64, of village Hesla, Dist. Ramgarh, Jharkhand.

Ref: 1) Your letter No. 90 Dated 18/01/2024.  
2) Our earlier letter No. JIPL/2023-24, Date: 13/03/2024 & letter no. JIPL/2024-25, Date 22/05/2024.

Dear Sir,

With reference to the above, we would like to inform you that M/s Jharkhand Ispat Pvt Ltd is developing a Green Belt on Plot no. 4 & 50, of Khata no. 64, on the area of about 5 hectares; of village Hesla, Dist Ramgarh, Jharkhand (falling between the village Argada and Jharkhand Ispat Pvt Ltd plant) as per the directions issued vide letter no. 90, Dt - 18/01/2024.

The work istaken up by the company and the following works have been completed, Photographs of the site are enclosed for your kind perusal.

1. The encroached waste from the proposed land is cleared. The illegal mining spots are filled and levelled by using machinery.
2. Scattered heavy and small stones pitched beside the lowland to create soil retention.
3. Topsoil filling is made in the prepared area.
4. Barricading of the prepared area is made by using cement pillars and barbed wires.
5. Preparation of pits for plantation by digging of pits, and filling with compost manure.
6. Planted approx. 1000 saplings (fruit-bearing and non-fruit-bearing).
7. Seeds of Bamboo and Babool are sown on the prepared area.

For the preparation of the site and Green Belt Development, JIPL has spent Rs 4, 50, 000/- in compliance with the direction of the EC letter dated 07/ 09/2022. Apart from this, till today; we have spent Rs 13, 93, 185/- from the company's CSR fund, of the FY 2024-25.

Contd.....P/2

Further, development work is ongoing; planting about 1500 more saplings and sowing grass seeds at the sites being taken up.

As per your directions, we are committed to developing the proposed area with adequate greenery and plants. We assure you that we will finish the job religiously and maintain it

Please find the above in order and oblige.

Thanking you,

Yours faithfully

For JHARKHAND ISPAT PVT LTD

*Pooja Nandji*

Authorized Signatory

✓ CC: RANGER FOREST OFFICER

*P.R. Sawley*  
*20/07/24*

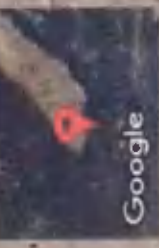


# GREEN BELT PROJECT PROGRESS AS PER THE ENVIRONMENT CLEARANCE CONDITIONS



GPS Map Camera

Ramgarh, Jharkhand, India  
JFV4+QWM, Jharkhand 829101, India  
Lat 23.643666°  
Long 85.458992°  
03/07/24 05:25 PM GMT +05:30



Google

GPS Map Camera

Ramgarh Cantonment, Jharkhand, India  
JFV6+HRC, Ramgarh Cantonment, Jharkhand 829101, India  
Lat 23.645975°  
Long 85.460761°  
03/07/24 05:25 PM GMT +05:30

*Pragy Nandan*

# GREEN BELT PROJECT PROGRESS AS PER THE ENVIRONMENT CLEARANCE CONDITIONS



*Punjab Namak*

# GREEN BELT PROJECT PROGRESS AS PER THE ENVIRONMENT CLEARANCE CONDITIONS

## MEDIA COVERAGE

DAINIK JAGARAN, DT- 06/07/2024

### झारखंड इस्पात ने हेसला- असगडा में लगाए 1000 पौधे



पौधारोपण कार्यक्रम में शामिल कंपनी के पदाधिकारी • जागरण जागरण संवाददाता, रामगढ़ : सभी पौधों की घेराबंदी कर इसे पर्यावरण सुरक्षा को लेकर वन संरक्षित करने का भी बीड़ा उठाया प्रमंडल पदाधिकारी के निर्देशानुसार गया, ताकि फैक्ट्री के आसपास आरसी रूंगटा समूह की कंपनी इलाका हरा-भरा हो सके। पर्यावरण झारखंड इस्पात प्रा. लि. ने अपने सुरक्षित हो सके। पौधारोपण कार्यक्रम में कंपनी की ओर से डीके पांडेय (जीएम सिगल), प्रकाश झा (जीएम लाइजनिंग), मानवेन्द्र चौबे (प्लान्ट हेड) आदि मौजूद थे।

रामगढ़ प्रखंड के हेसला व असगडा में करीब 1000 पौधे लगाए गए।

PRAVAT KHABAR, DT-06/07/2024

### एक पेड़ एक गाँव योजना के तहत पौधारोपण



रामगढ़. झारखंड इस्पात प्राइवेट लिमिटेड में शुक्रवार को एक पेड़ एक गाँव योजना के तहत पौधारोपण कार्यक्रम का आयोजन किया गया. कार्यक्रम का आयोजन आरसी रूंगटा समूह की कंपनी सामाजिक निगमित दायित्व के तहत किया गया. इस कार्यक्रम में हेसला में लगभग एक हजार फलदार, छायादार, औषधीय गुणों वाले पौधों को लगाया गया. मौके पर कंपनी की ओर से महाप्रबंधक विधिक डीके पांडेय, महाप्रबंधक संचालन कृष्ण सिंह, पंकज कुमार पांडेय, आरपी शर्मा, मनोज कुमार आदि कई अन्य लोग उपस्थित थे.

*Pragy News Jh*

# GREEN BELT PROJECT PROGRESS AS PER THE ENVIRONMENT CLEARANCE CONDITIONS



*Prinys Nandji*

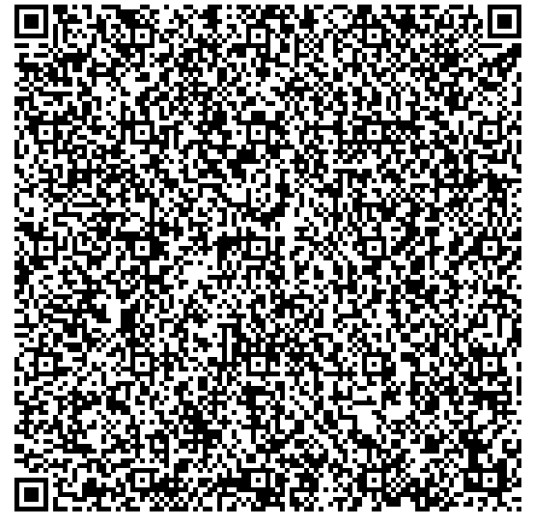
**GREEN BELT PROJECT PROGRESS AS PER THE ENVIRONMENT CLEARANCE CONDITIONS**



DATE: 20.07.2024

*Punya Namid Jha*

21AABAV0191P2ZC  
VFPL ASIPL JV COMPANY



1.e-Invoice Details

IRN : acae9c9a09d28621cd7df235987e146cb Ack No. : 182416110697361  
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Ack Date : 02-05-2024 16:44:00

2.Transaction Details

Supply type Code : B2B

Document No. : VFPLASIPL/2024A

IGST applicable despite Supplier and  
Recipient located in same State : No

Place of Supply : JHARKHAND

Document Type : Tax Invoice

Document Date : 30-04-2024

3.Party Details

Supplier :

GSTIN : 21AABAV0191P2ZC  
VFPL ASIPL JV COMPANY  
B/12, 132 KV CSC, JORABAGHA, JSG,  
ODHISHA 768211 ODISHA  
7488797812 vfpl.lakhanpur@gmail.com

Recipient :

GSTIN : 20AABCR2993R1ZX  
JHARKHAND ISPAT PVT. LTD.  
HESLA RAMGARH  
ARGADA Place of Supply: JHARKHAND  
829101 JHARKHAND

Ship To :

GSTIN : 20AABCR2993R1ZX  
JHARKHAND ISPAT PVT. LTD.  
HESLA RAMGARH  
ARGADA  
829101 JHARKHAND

4.Details of Goods / Services

SINo	Item Description	HSN Code	Quantity	Unit	Unit Price(Rs)	Discount(Rs)	Taxable Amount(Rs)	Tax Rate(GST + Cess   State Cess + Cess Non.Advol)	Other charges	Total
1	RENTAL CHARGES	996601	0	OTH	0	0	32000.00	18.00 + 0.00   0.00 + 0	0	37760.00

Tax'ble Amt	CGST Amt	SGST Amt	IGST Amt	CESS Amt	State CESS	Discount	Other Charges	Round off Amt	Tot Inv. Amt
32000.00	0.00	0.00	5760.00	0.00	0.00	0.00	0.00	0.00	37760.00

Generated By : 21AABAV0191P2ZC

Print Date : 02-05-2024 16:44:05

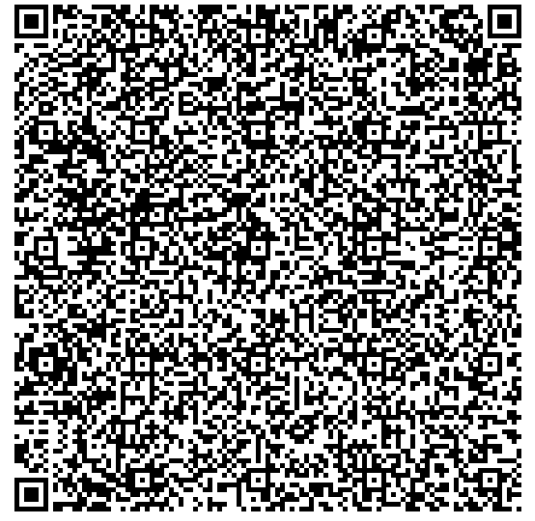


182416110697361

eSign

Digitally Signed by NIC-IRP  
on :2024-05-02 16:44:00

21AABAV0191P2ZC  
VFPL ASIPL JV COMPANY



1.e-Invoice Details

IRN : bc52d4cf0aa9d4a86abe246480809ffc24 Ack No. : 182416094709784  
0a37ec4f7e8729fd271ddfbf4b5a63

Ack Date : 30-04-2024 19:09:00

2.Transaction Details

Supply type Code : B2B

Document No. : VFPLASIPL/2024

IGST applicable despite Supplier and  
Recipient located in same State : No

Place of Supply : JHARKHAND

Document Type : Tax Invoice

Document Date : 30-04-2024

3.Party Details

Supplier :

GSTIN : 21AABAV0191P2ZC  
VFPL ASIPL JV COMPANY  
B/12, 132 KV CSC, JORABAGHA, JSG,  
ODHISHA 768211 ODISHA  
7488797812 vfpl.lakhanpur@gmail.com

Recipient :

GSTIN : 20AABCR2993R1ZX  
JIPL  
HESLA RAMGARH  
ARGADA Place of Supply: JHARKHAND  
829101 JHARKHAND

Ship To :

GSTIN : 20AABCR2993R1ZX  
JIPL  
HESLA RAMGARH  
ARGADA  
829101 JHARKHAND

4.Details of Goods / Services

SINo	Item Description	HSN Code	Quantity	Unit	Unit Price(Rs)	Discount(Rs)	Taxable Amount(Rs)	Tax Rate(GST + Cess   State Cess + Cess Non.Advol)	Other charges	Total
1	RENTAL CHARGES	996601	0	OTH	0	0	326000.00	18.00 + 0.00   0.00 + 0	0	384680.00

Tax'ble Amt	CGST Amt	SGST Amt	IGST Amt	CESS Amt	State CESS	Discount	Other Charges	Round off Amt	Tot Inv. Amt
326000.00	0.00	0.00	58680.00	0.00	0.00	0.00	0.00	0.00	384680.00

Generated By : 21AABAV0191P2ZC

Print Date : 30-04-2024 19:09:09



182416094709784

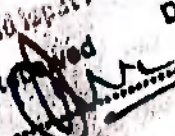
eSign

Digitally Signed by NIC-IRP  
on :2024-04-30 19:09:00

@ R. 95.50/-  
Total Ltrs: 11190 }

**DIESEL CONSUMPTION FOR GREEN BELT DEVELOPMENT PROJECT AT JIPL**

DOZER			POKLEN				
DATE	LTRS		DATE	LTRS		DATE	LTRS
22.01.2024	190		23.01.2024	320		08.02.2024	30
24.01.2024	270		25.01.2024	275		09.02.2024	40
28.01.2024	245		27.01.2024	170	HYVA: 1960	10.02.2024	80
30.01.2024	185		28.01.2024	335		11.02.2024	88
01.02.2024	210		31.01.2024	310		27.02.2024	30
03.02.2024	220		01.02.2024	460		29.02.2024	67
05.02.2024	205		02.02.2024	270		12.03.2024	15
09.02.2024	180		03.02.2024	340		LTRS	350
12.02.2024	190		4.02.2024	289			
15.02.2024	160		05.02.2024	335		DATE	LTRS
29.02.2024	200		07.02.2024	240		08.02.2024	13
LTRS	2255		08.02.2024	390	HYWA: 6081	09.02.2024	38
			12.02.2024	330		10.02.2024	75
			13.02.2024	328		11.02.2024	73
			15.02.2024	330		LTRS	199
			18.02.2024	495			
			19.02.2024	402	HYWA: 0494	DATE	LTRS
			20.02.2024	437		27.02.2024	102
			21.02.2024	320		LTRS	102
			23.02.2024	350			
			25.02.2024	228	HYWA: 4650	DATE	LTRS
			26.02.2024	200		12.03.2024	20
			29.02.2024	380		LTRS	20
			01.03.2024	480			
			5.03.2024	250			
			LTRS	8264			

Jharkhand Roadways Pvt. Ltd. Argada  
Store Received  
Date: 15/3/24  
Sign: 



PAYMENT VOUCHER

**JHARKHAND ISPAT (P) LTD.**

Date 18/03/24

Branch Rangsit

Voucher No. \_\_\_\_\_

A/c Head	<u>Agesh Bediya for Soil Laying</u>	<u>2000.00</u>
	<u>20 trip</u>	
	<u>Rate Per trip 100Rs</u>	
	<u>12/03/24</u>	<u>20 trip</u>
Rupees	<u>Two thousand only</u>	
		TOTAL <u>2000.00</u>

Accountant/Cashier [Signature]

Manager [Signature]

Passed by

Agesh Bediya  
Receiver's Signature

PAYMENT VOUCHER

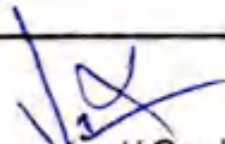
**JHARKHAND ISPAT (P) LTD.**

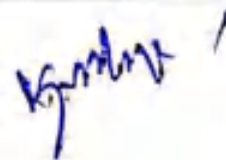
Date 17/02/24

Branch Ramgarh

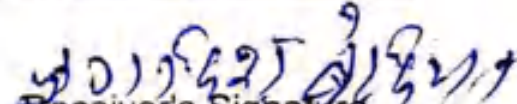
Voucher No. \_\_\_\_\_

A/c Head	<u>Jajalish kediya</u>	<u>for Soil Laying</u>	
		<u>Rate per trip 100 Rs</u>	<u>19'400.00</u>
	<u>09/02/24</u>	<u>- 69 trip</u>	
	<u>10/02/24</u>	<u>- 60 trip</u>	
	<u>11/02/24</u>	<u>- 15 trip</u>	
		<u>total - 194 trip</u>	
Rupees	<u>Nineteen thousand four hundred only.</u>		
		<b>TOTAL</b>	<b>19'400.00</b>

  
Accountant/ Cashier

  
Manager

Passed by

  
Receiver's Signature

PAYMENT VOUCHER

# JHARKHAND ISPAT (P) LTD.

Date 02/03/24

Branch Ramgarh

Voucher No. \_\_\_\_\_

A/c Head	<u>Jagdish bediya</u>		<u>Geo Soil Laying</u>	
			<u>Rate per trip 100RS</u>	<u>14'600.00</u>
	<u>27/02/24</u>	<u>-</u>	<u>38 trip</u>	}
	<u>28/02/24</u>	<u>-</u>	<u>41 trip</u>	
	<u>29/02/24</u>	<u>-</u>	<u>67 trip</u>	
	<u>Total</u>		<u>146 trip</u>	
Rupees	<u>fourteen thousand six hundred only</u>			
			<b>TOTAL</b>	<b>14'600.00</b>

[Signature]  
Accountant/ Cashier

[Signature]  
Manager

Passed by

[Signature]  
Receiver's Signature

**Jharkhand Ispat Pvt Ltd**

**Distribution of seedling (Paddy) & Manure (DAP) to the villagers of Hesla & Maraar**



Village – Hesla



Village- Maraar

**Bill of Supply**

<b>TRIPURARI STORES -(2021-22-23)</b> Gate Road Ramegh Cantt Jharkhand Tripurari_stores@yahoo.com Mobile No. - 943331305, 970612124 9202585088 GSTIN/UIN : 20AAIFT5761H1Z7 State Name : Jharkhand, Code : 20 E-Mail : tripurari_stores@yahoo.com		Invoice No. <b>583</b>	Dated <b>23-Jun-23</b>	
<b>Consignee (Ship to)</b> <b>JHARKHAND ISPAT PVT LTD</b> <b>ARGADA</b> State Name : Jharkhand, Code : 20		Delivery Note Mode/Terms of Payment	Reference No. & Date. <b>583 dt. 23-Jun-23</b>	Other References
<b>Buyer (Bill to)</b> <b>JHARKHAND ISPAT PVT LTD</b> <b>ARGADA</b> State Name : Jharkhand, Code : 20 Place of Supply : Jharkhand		Buyer's Order No. Dated	Dispatch Doc No. Delivery Note Date	Dispatched through Destination
		Terms of Delivery		

Sl No	Description of Goods	HSN/SAC	Quantity	Rate	per	Disc %	Amount
1	PADOY 650 1KG 30PO ( SHIRIRAM)	10061010	96 HO'S	300.00	NO'S		28,800.00
<b>Total</b>			<b>96 NO'S</b>				<b>₹ 28,800.00</b>

Amount Chargeable (in words) E & O/E  
**Indian Rupees Twenty Eight Thousand Eight Hundred Only**

HSN/SAC	Taxable Value
10061010	28,800.00
<b>Total</b>	<b>28,800.00</b>

Tax Amount (in words) : **NIL**

Company's PAN : **AAIFT5761H**

Declaration  
 We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

for TRIPURARI STORES -(2021-22-23)  
  
 Authorized Signatory

Customer Copy

CASH / CREDIT RECEIPT  
(Sale to Farmer)

Retailer Name & Address Tripurari St  
oreRangarh

Retailer ID : 219589

Certificate Registration No 69/14-17

GSTIN No : 20AAIFT5761H1Z7

Invoice No 219589173162438

Date/Time 23/06/2023 10:25

DUPLICATE  
CASH / CREDIT RECEIPT  
(SALE TO FARMER)

Retailer Name & Address Tripurari St  
oreRangarh

Retailer ID : 219589

Certificate Registration No 69/14-17

GSTIN No : 20AAIFT5761H1Z7

Invoice No 219589173102709

Date/Time 23/06/2023 10:27

Buyer Name Rajesh Singh

Buyer Address Vill- Bujurg Jawira Ne  
ar Shiv Mandir Ps - Patratu Barkakana  
Rangarh Jharkhand

AadharNo/VirtualId : \*\*\*\*\*1489

Buyer Name Manoj Kumar

Buyer Address Nilam Niwas, Aashria C  
olony, Street No. 3 Oyna Ranchi Jharkh  
and

AadharNo/VirtualId : \*\*\*\*\*1830

Product-Plant	Qty(Unit)	Unit/Price (Rs.)	Am (Rs.)
Imported DAP IPL 11.00(50 Kg Bag)	1350	10.80	14580.00
Total Amount (Rs)		14850.00	
(Inclusive of GST)			

GST Summary

CGST (@2.5%) Rs. 353.57

SGST (@2.5%) Rs. 353.57

Total Tax Amount (Rs) : 707.14

Payment Type: CASH

Subsidy to be borne by the government  
on behalf of the farmer (Rs) : 17962  
65

To know the stock position at retailer, se  
nd SMS RS<space><Retailer ID> to 77382888  
99 or visit Farmer's corner at [https://ur  
varak.nic.in](https://urvarak.nic.in)

Thank You

Product-Plant	Qty(Unit)	Unit/Price (Rs.)	Am (Rs.)
Imported DAP IPL 2.0(50 Kg Bag)	1350	2.00	2700.00
Total Amount (Rs)		2700	
(Inclusive of GST)			

GST Summary

CGST (@2.5%) Rs. 64.29

SGST (@2.5%) Rs. 64.29

Total Tax Amount (Rs) : 128.58

Payment Mode: Cash

Subsidy to be borne by the government  
on behalf of the farmer (Rs) : 3264.1

To know the stock position at retailer, se  
nd SMS RS<space><Retailer ID> to 77382888  
99 or visit Farmer's corner at [https://ur  
varak.nic.in](https://urvarak.nic.in)

Thank You  
23/06/23



रामगढ़ 25-06-2023

THIS JOURNAL WILL BE PRINTED AT THE OFFICE OF THE MANAGER, DAINIK BHASKAR, RAMGARH

## किसानों के बीच बीज और खाद का वितरण



रामगढ़ | रामगढ़ में मानसून के प्रवेश के साथ ही झारखंड इस्पात प्राइवेट लिमिटेड रामगढ़ के द्वारा किसानों के बीच उन्नत बीज और खाद देकर सहयोग किया है। शनिवार को मरार और हेसला के किसानों के बीच उन्नत बीज और खाद (डीएपी) बांटा गया। उत्तम बीज 650 एवं खाद पा कर गांव के किसानों में खुशी का माहौल है।



**Cultivation of Paddy at Village Hesla & Maraar**



**Harvesting of Paddy crop at village Hesla & Maraar**





# JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
CIN : U34102UP1991PTC012872  
Telephone : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



IS : 2830  
WORKS :  
Vill. & P.O. - Hesla, Argada  
Dist. - Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....

0/c

Date.....

JJPL/2023-24

दिनांक- 08.01.2024

सोदा में,

अध्यक्ष  
नगर परिषद, रामगढ़,  
जिला-रामगढ़, झारखण्ड।

विषय:- गौंव हेसला और मरार के कृषकों के लिए कृषि उपकरणों के वितरण के संबंध में।

संदर्भ:- पर्यावरणीय सहमति पत्र सं0- F.No.-J11011/41/2013-IA-(I) दिनांक-07.09.2022

महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा0 लि0 द्वारा गौंव हेसला और मरार में किसानों के लिए कृषि कार्य के लिए उपकरणों के वितरण की योजना है, जिसके लिए गौंव हेसला और मरार के किसानों की सूची तथा उनके जमीन की लगान रसीद की छायाप्रति एवं आधार कार्ड की छायाप्रति की आवश्यकता है।

अतः आपसे अनुरोध है कि गौंव हेसला एवं मरार के किसानों की सूची के साथ उनके जमीन के लगान रसीद एवं आधार कार्ड की छायाप्रति यथाशिघ्र उपलब्ध कराने की कृपा करें। जिससे कृषि कार्य के लिए उपयोगी उपकरणों का वितरण सुनिश्चित किया जा सके।

सधन्यवाद,

प्रतिलिपि:-

01. वार्ड पार्षद गौंव हेसला।

02. वार्ड पार्षद गौंव मरार।

आवश्यक कार्यवाही हेतु प्रेषित।

कृतो झारखंड इस्पात प्रा0 लि0

*(Handwritten signature)*

(मनोज कुमार)

अधिकृत हस्ताक्षरकर्ता

*(Handwritten signature)*  
05/11/2024  
शिव शंकर मिश्रा  
वार्ड पार्षद सं0-09, मरार  
झारखंड नगर परिषद (झारखण्ड)

*(Handwritten signature)*





गोपाल मुण्डा

वार्ड पार्षद  
हेसला, वार्ड सं०-12  
नगर परिषद, रामगढ़  
जिला - रामगढ़



एक कदम स्वच्छता की ओर

आवास:

ग्राम - हेसला (जामुनटाँड़)  
पो० - हेसला  
थाना + जिला - रामगढ़  
झारखण्ड पिन - 829101  
मो० : 9470320320, 7004864212

पत्रांक W.P-12/33/024

दिनांक 2/03/2024

सेवा में,

झारखण्ड इस्पात प्रा० लि०  
हेसला (महुवा टाँड़) जिला-रामगढ़

विषय: दिनांक- 02/03/2024 के संबंध में।

संदर्भ: पत्रांक सं० J.I.P.L/2023-24 दिनांक 08/01/2024 के आलेख में।

महाराज  
उपरोक्त विषय के संदर्भ में कहना है की दिनांक  
02/03/2024 को झारखण्ड इस्पात प्रा० लि० C.S.R के  
प्रभारी सह. फेंकरी अधिकारी वार्ड पार्षद एवं  
जन्ममान्य लोगों की जारिगुमती उपस्थिति में फेंकरी  
के आस पास कृषि किसानों को किसान सहायता  
उपकरण किट का वितरण किया गया।

जो झारखण्ड इस्पात प्रा० लि० के संबंधक  
वधाई के पात्र है।

धन्यवाद

Gopal munda  
2/03/2024

गोपाल मुण्डा  
वार्ड पार्षद  
हेसला, वार्ड सं०-12  
नगर परिषद, रामगढ़

शिव शंकर मिश्रा  
वार्ड पार्षद वार्ड सं० ०९  
रामगढ़ नगर परिषद  
(झारखण्ड)



आवास : ग्राम + पो० : मरार,  
थाना : रामगढ़,  
जिला : रामगढ़, (झारखण्ड)  
Mob.:- 97981 78956  
96612 50484

पत्रांक सं० - 13/2024

दिनांक - 06/3/2024

सेवा में,

झारखण्ड इस्पात प्रा० लि०

मरार, जिला रामगढ़, झारखण्ड।

विषय:- मरार गाँव में दिनांक 06.03.2024 को कृषि उपकरण वितरण के संबंध में

संदर्भ:- पत्रांक सं०- JIPL/2023-24 दिनांक 08.01.2024 के आलोक में।

महाशय,

उपयुक्त विषय के संदर्भ में कहना है कि दिनांक 06.03.2024 को मरार गाँव के पंचायत भवन में किसानों को कृषि उपकरण का वितरण झारखण्ड इस्पात प्रा० लि० के प्रबंधन द्वारा किया गया।

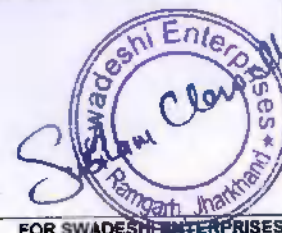
इस कार्य के लिए झारखण्ड इस्पात प्रा० लि० के प्रबंधन बघाई के पात्र हैं।

धन्यवाद,

06/3/2024



## Tax Invoice

<b>SWADESHI ENTERPRISES</b> PROPRIETOR : SUBHAM CHOWHURY RANCHI ROAD, MARAR, RAMGARH (JHARKHAND) 829117 GSTIN : 20AVGPC9551P1ZD CONTACT NO. : 7979740256 PAN NO. AVGPC95551P (SUBHAM CHOWDHURY)		Invoice No. <b>SE/2023-24/209</b>	Dated <b>29-FEB-2024</b>			
		Delivery Note	Mode/Terms of Payment			
		Supplier's Ref.	Other Reference(s)			
Consignee <b>JHARKHAND ISPAT PRIVATE LIMITED</b> VILL. HESLA, ARGADA DIST: RAMGARH JHARKHAND 829101 GSTIN/UIN: 20AABCR2993R12X State Name : Jharkhand, Code : 20		Buyer's Order No.	Dated			
		Despatch Document No.	Delivery Note Date			
		Despatched through	Destination <b>HESLA, ARGADA, RAMGARH, JHARKHAND</b>			
		Bill Of Lading/ LR-RR No.	Motor Vehicle No.			
Buyer (if other than consignee)						
No.	Description of Goods	HSN/SAC	Quantity	Rate	Per	Amount
1	SHOVEL ATTOT GOLD	8201	130	280.00	NOS	36400
2	SPADE TATA SET	8201	130	290	NOS	37700
3	SPADE SMALL SET	8201	130	185.00	NOS	24050
4	AXE SET	8201	130	260.00	NOS	33800
5	SMALL SHOVEL (KHURPA)	8201	130	65.00	NOS	8450
6	SIKLE (HASIYA)	8201	130	55	NOS	7150
<b>TOTAL</b>						<b>147,550.00</b>
<b>0% CGST</b>						
<b>0% SGST</b>						
FARE						
<b>ROUNDUP</b>						<b>147,550.00</b>
<b>GROSS TOTAL</b>						<b>147,550.00</b>
IN WORDS INR ONE LAKH FORTY SEVEN THOUSAND FIVE HUNDRED FIFTY ONLY.						
<b>BANK DETAILS :</b> SWADESHI ENTERPRISES A/C NO. 2515201001158 (CANARA BANK) IFSC : CNRB0002515 BRANCH : RAMGARH CANTT						
						
<b>FOR SWADESHI ENTERPRISES</b>						
<b>DECLARATION</b>						
<b>Authorized Signatory</b>						

This is a Computer Generated Invoice

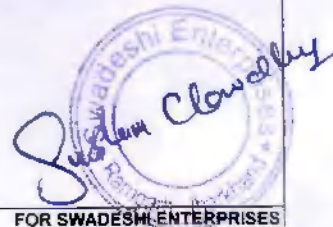
Tax Invoice

<b>SWADESHI ENTERPRISES</b> PROPRIETOR : SUBHAM CHOWHURY RANCHI ROAD, MARAR, RAMGARH (JHARKHAND) 829117 GSTIN : 20AVGPC9551P1ZD CONTACT NO. : 7979740256 PAN NO. AVGPC95551P (SUBHAM CHOWDHURY)	Invoice No. <b>SE/2023-24/208</b>	Dated <b>29-FEB-2024</b>
	Delivery Note	Mode/Terms of Payment
<b>Consignee</b> <b>JHARKHAND ISPAT PRIVATE LIMITED</b> VILL. HESALA, ARGADA DIST: RAMGARH JHARKHAND 829101 GSTIN/UJN: 20AABCR2993R1ZX State Name : Jharkhand, Code : 20	Supplier's Ref.	Other Reference(s)
	Buyer's Order No.	Dated
	Despatch Document No.	Delivery Note Date
	Despatched through	Destination <b>HESLA, ARGADA, RAMGARH, JHARKHAND</b>
Buyer (if other than consignee)	Bill Of Lading/ LR-RR No.	Motor Vehicle No.

Sl No.	Description of Goods	HSN/SAC	Quantity	Rate	Per	Amount
1	GHAMELLA G.I	7323	130	115.00	BOX	14950
<b>TOTAL</b>						<b>14,950.00</b>
<b>9% CGST</b>						<b>1,345.50</b>
<b>9% SGST</b>						<b>1,345.50</b>
<b>FARE</b>						<b>-</b>
<b>ROUNDUP</b>						<b>17,641.00</b>
<b>GROSS TOTAL</b>						<b>17,641.00</b>

IN WORDS  
INR SEVENTEEN THOUSAND SIX HUNDRED FORTY ONE ONLY.

**BANK DETAILS :**  
SWADESHI ENTERPRISES  
A/C NO . 2515201001158 (CANARA BANK)  
IFSC . CNRB0002515  
BRANCH : RAMGARH CANTT



FOR SWADESHI ENTERPRISES

DECLARATION

Authorized Signatory

## किसानों के बीच उपकरण किट का किया वितरण



रामगढ़ | आरसी रूंगटा समूह की कंपनी झारखंड इस्पात प्राइवेट लिमिटेड द्वारा शनिवार को हेसला के दो वार्डों में कृषि उपकरण किट का वितरण किया गया। इस अवसर पर वार्ड संख्या 11 का प्रतिनिधित्व गोपाल मुंडा और वार्ड 12 का अंबरीन मंजर ने किया। इस अवसर पर प्लांट हेड मानवेंद्र चौबे, कमर्शियल हेड कृष्णा सिंह, सीएसआर हेड आरपी शर्मा, पर्यावरण हेड मनोज कुमार मौजूद थे।

। ५५५। ५५५।।

## किसानों में कृषि उपकरण का वितरण किया गया

रामगढ़। रूंगटा समूह झारखंड इस्पात की ओर से को-ऑरपोरेट इनवायरमेंट रिस्पॉन्सिबिलिटी के तहत बुधवार को एक समारोह का आयोजन कर मरार नगर परिषद क्षेत्र वार्ड नंबर नौ के किसानों के बीच कृषि उपकरण का वितरण किया। जिसमें मुख्य रूप से वार्ड नंबर नौ के पार्श्व शंकर मिश्रा ने किसानों को कृषि उपकरण दिए। किसानों के बीच कृषि उपकरण की वितरण करते हुए रूंगटा समूह झारखंड इस्पात के सीएसआर हेड आरपी शर्मा और पर्यावरण हेड मनोज कुमार ने कंपनी की ओर से किसानों के लिए कार्य योजना के बारे में विस्तार से बताया।

**JHARKHAND ISPAT PRIVATE LIMITED**

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224801, Fax : 226845  
E-mail : jpiramgarh@gmail.com



**WORKS :**  
Vill. & P.O.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....

Date.....

JIPL/2023-24

18/03/2024

To,

The Executive Officer,

Nagar Parishad Ramgarh,

Dist. - Ramgarh (Jharkhand).

**Sub: - Regarding providing one tractor with hydraulic trolley and rotavator to each Nagar Panchayat of village Hesla and Maraar, Dist. Ramgarh (Jharkhand).**

**Ref.:- Environment clearance Letter No. - F.No.J-11011/41/2013-IA-II(I) Dated- 07-09-2022.**

Sir,

With reference to the above, MoEF&CC, New Delhi has been issued Environment Clearance to the Unit vide letter No J-11011/41/2013-IA-II(1) Dated 07/09/2022 (Copy enclosed). As per EC condition under CER for implementation of Remediation Plan, we have to provide one tractor with hydraulic trolley and rotavator to each Nagar Panchayat of village Hesla and Maraar, Dist. Ramgarh (Jharkhand).

Kindly give the needful direction to whom we will handing <sup>over</sup> ~~over~~ the tractor to the Nagar Panchayat of Village Hesla and Village Maraar in compliance of the direction given by MoEF&CC in the Environment Clearance.

Your early action on the matter is solicited.

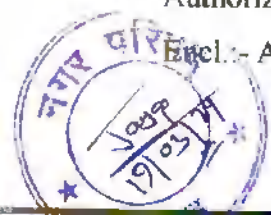
Thanking you,

Yours faithfully,

For JHARKHAND ISPAT PVT LTD

  
Authorized Signatory

Encl. - As above.



# JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist - Ramgarh (Jharkhand) - 829 122  
CIN : U34102UP1991PTC012872  
Telephone : 06553-228846, 224601, Fax : 226846  
E-mail : jiplramgarh@gmail.com



WORKS :  
Vill. & P.O. - Hesla, Argada  
Dist. - Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....

Date.....

JIPL/2023-24

दिनांक:- 18.03.2024

सेवा में,

वार्ड पार्शद  
ग्राम हेसला  
जिला-रामगढ़, झारखण्ड।

विषय:- गाँव हेसला के नगर पंचायत के लिए हाइड्रोलिक ट्रॉली एवं रोटाबेटर के साथ एक ट्रैक्टर देने के संबंध में।

संदर्भ:- पर्यावरणीय सहमति पत्र सं०- F.No.-J11011/41/2013-IA-(I) दिनांक-07.09.2022

महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा० लि० द्वारा गाँव हेसला में किसानों के कृषि कार्य को आसान बनाने हेतु आपके वार्ड के हाइड्रोलिक ट्रॉली एवं रोटाबेटर के साथ एक ट्रैक्टर देने की योजना है, जिसके लिए आपके हेसला के वार्ड पार्शद का स्वीकृत प्रस्ताव इन्चार्ज के रूप में अधिकृत व्यक्ति का पैन कार्ड, आधार कार्ड एवं पासपोर्ट साईज फोटो (दो पीस) को उपलब्ध कराये। जिससे ट्रैक्टर एवं उससे सम्बंधित मशिनों को कम्पनी द्वारा खरीद कर आपके वार्ड को देने की व्यवस्था पूरी की जा सके और किसानों के कृषि कार्य में हित लाभ हो सके।

सधन्यवाद,

प्रतिलिपि:-

01.अध्यक्ष नगर परिशद रामगढ़ (झा०)।  
आवश्यक कार्यवाही हेतु प्रेशित।

कृते झारखंड इस्पात प्रा०लि०



(मनोज कुमार)

अधिकृत हस्ताक्षरकर्ता

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com

IS : 2830



**WORKS :**

Vill. & P.O.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....

Date.....

JIPL/2023-24

दिनांक- 12.01.2024

सेवा में,

वार्ड पार्षद  
ग्राम मरार  
जिला-रामगढ़, झारखण्ड।

विषय:- गाँव मरार के नगर पंचायत के लिए हाइड्रोलिक ट्रॉली एवं रोटाबेटर के साथ एक ट्रेक्टर देने के संबंध में।

संदर्भ:- पर्यावरणीय सहमति पत्र सं०- F.No.-J11011/41/2013-IA-(I) दिनांक-07.09.2022

महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा० लि० द्वारा गाँव मरार में किसानों के कृषि कार्य को आसान बनाने हेतु आपके वार्ड के हाइड्रोलिक ट्रॉली एवं रोटाबेटर के साथ एक ट्रेक्टर देने की योजना है, जिसके लिए आपके मरार के वार्ड पार्षद का स्वीकृत प्रस्ताव इन्चार्ज के रूप में अधिकृत व्यक्ति का पैन कार्ड, आधार कार्ड एवं पासपोर्ट साइज फोटो (दो पीस) को उपलब्ध कराये। जिससे ट्रेक्टर एवं उससे सम्बन्धित मशिनों को कम्पनी द्वारा खरीद कर आपके वार्ड को देने की व्यवस्था पूरी की जा सके और किसानों के कृषि कार्य में हित लाभ हो सके।

सधन्यवाद,

प्रतिलिपि:-

01. अध्यक्ष नगर परिषद रामगढ़ (झा०)।  
आवश्यक कार्यवाही हेतु प्रेषित।

कृते झारखंड इस्पात प्रा० लि०

(मनोज कुमार)

अधिकृत हस्ताक्षरकर्ता

20/01/24  
नगर परिषद, रामगढ़

गोपाल मुण्डा

वार्ड पार्षद  
हेसला, वार्ड सं०-12  
नगर परिषद, रामगढ़  
जिला - रामगढ़



आवास:  
ग्राम - हेसला (जामुनटांड)  
पो० - हेसला  
थाना + जिला - रामगढ़  
झारखण्ड पिन - 829101  
मो० : 9470320320, 7004804212

पत्रांक. W.P-12/401024

दिनांक. 27/05/2024

सेवा में,

श्रीमान् निदेशक महोदय

झारखण्ड इस्पात प्रा० लि०

ग्राम+पो०-हेसला, भाया अरगडा

जिला-रामगढ़, झारखण्ड।

विषय:- ट्रेक्टर (महिन्द्रा ट्रेक्टर) साथ में हैड्रोलिक ट्रॉली और रोटोवेटर देने के संबंध में।

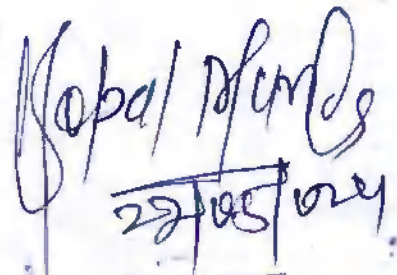
महाशय,

उपर्युक्त विषय के संदर्भ में कहना है कि झारखण्ड इस्पात प्रा० लि० फ़ैक्ट्री के द्वारा कॉरपोरेट इन्वारमेंट रिस्पॉन्सिबिलिटी (सी०ई०आर०) के तहत ग्राम हेसला को प्रबन्धन के द्वारा ट्रेक्टर (महिन्द्रा ट्रेक्टर) साथ में हैड्रोलिक ट्रॉली और रोटोवेटर देना है, जिसका ग्राम सभा के द्वारा कमेटी का गठन कर लिया गया है। ज्ञे संलग्न किया जा रहा है।

झारखण्ड इस्पात प्रा० लि० से अनुरोध है की सर्व समिति से पारित प्रस्ताव के आलोक में ट्रेक्टर (महिन्द्रा ट्रेक्टर) साथ में हैड्रोलिक ट्रॉली और रोटोवेटर का रजिस्ट्रेशन श्री बबलू बेदिया, पिता स्व० गन्दोरी बेदिया, ग्राम+पो० हेसला के नाम से करा कर ग्रामीण उपयोग हेतु यथाशिघ्र उपलब्ध करने की कृपा करें।

संलग्नक:-

1. आम सभा की छायाप्रति, चार पृष्ठों में।
2. बबलू बेदिया का दस्तावेज, पाँच पृष्ठों में।



गोपाल मुण्डा  
वार्ड पार्षद  
हेसला, वार्ड सं०-12  
नगर परिषद, रामगढ़



आज दिनांक 26/05/2024 को ग्राम-  
हंसला समुदायिक जीवन में ग्रामीण किसान एवं  
जनप्रतिनिधियों के संग झारखण्ड इस्थान  
फैक्ट्री के द्वारा C.E.R के तहत किसानों के  
खेती वारी जोर कोड के लिए एक ड्रेजर,  
रोटा वेटर एवं ड्रॉली विभा जा रहा है इस  
संबंध में एक बैठक/ग्राम सभा किया गया  
बैठक की अध्यक्षता वार्ड पार्षद गोपाल मुण्डा  
संचालन वार्ड सं-12 के जमादार अकन साहू  
ने किया बैठक की मुख्य अतिथि नगर परिषद  
के अध्यक्ष भुवनेश वैदिगा, समाज सेवा आनंद  
वैदिगा, दिलीप भुईया, हरी करमाली मुखन कप  
से उपस्थित थे।

- बैठक का मुद्दा:-
1. झारखण्ड इस्थान फैक्ट्री के द्वारा C.E.R के तहत ड्रेजर खेती-वारी जोर-कोड की निभमावली।
  2. ड्रेजर की देखरेख एवं संचालनीकरण की निभमावली।
  3. जोर कोड की फर/अंशदान किया होगा
  4. जारी की राजिश्रीशन किलके नाम से किया जाए।

बैठक/ग्राम सभा में उपस्थित लोगों का नाम

1. Ananta Behera
2. Bablu Behera
3. भुवनेश वैदिगा
4. अकन साहू
5. Anu Sahu - (Jamadar)
6. Mithlesh Munda
7. Anup Bhuiraj
8. Manoj Munda

Gopal Munda  
26/05/2024  
गोपाल मुण्डा  
वार्ड पार्षद  
हंसला, वार्ड सं-12  
नगर परिषद, रामगढ़

(9) सुरेश कुमार मुष्ठा

10. Mahender Bedia
11. Rabin Bedia
12. Rahul Kumar
13. प्रमोद प्रजापति
14. Shalender Bedia
15. दिनेश कुमार मुष्ठा
16. विजय मुष्ठा
17. Kund Munda
18. कालिका वेदिया
19. देवना रायण वेदिया
20. अशोक वेदिया
21. Chhota Bedia
22. Nirmal Kumar
23. बाल 2-2 वेदिया
24. सुरेश खड्का
25. पारम वेदिया
26. उमेश वेदिया
27. जोगल वेदिया
28. सुमन वेदिया
29. कौटिल्य वेदिया
30. मुकेश रावडिया
31. किशोर राय
32. रवि राय
33. संतोष वेदिया
34. विनेश्वर वेदिया
35. Binod Kumar
36. VISHAL Kumar
37. अमित प्रसेविया
38. अंशु वेदिया
39. Anshu Kumar
40. Ganga Bedia

41 सुरेश कौशिक

42 Bharat Bedia

43 Anand Singh Bedia

निर्णय - खेती वाली जोत कोड के लिए एक रजिस्ट्र पंजी इधु किया जाएगा और सभी का क्रमांक संख्या से जोत कोड दिया जाएगा और किन किसान का कितना ट्रेट चल चला उसका रजिस्ट्र में नोटन किया जाएगा

2. गाड़ी की ड्रैवर रेंच वार्ड पब्लिक, जमादार, एवं समिप का होगा

3. खेती वाली, जोत कोड का मार्केट डर से 70% 75% महंगा जो अंशदान जो तेल, चालक, एवं गाड़ी में नेशन किया जाएगा।

4. ड्रैक्टर रजिस्ट्रेशन समिप, खबलु वेदिना के नाम से सर्व समिति निर्णय किया गया

5. ड्रैक्टर: मुख्य रूप से खेती वाली की जोत कोड एवं सर्वजनिक कृषि में चलेगा

6. ड्रैक्टर से जोत कोड का अंशदान तेल, चालक को ड्रैने के वार्ड कया हुआ पैसा खाल में रखा जाएगा जो गाड़ी में नेशन का कृषि में आया वामपुके, लीन लकरी के नाम से खोला जाएगा संभुत

7. कर्मों की सुची को पांच वर्षों में संशोधन किया जा सकला है

8 सर्व समिति से 06 लोगों का कमेटी बनाया  
जाया जा निम्न है।

1. गोपाल मुन्डा - वार्ड पब्लिक (अध्यक्ष)
2. अरुन साहू - जमादार वार्ड 12 हेस
3. आनन्द वेदिमा - कोषाध्यक्ष
4. बबलू वेदिमा - सचिव
5. वलेश्वर वेदिमा -
6. गंगा वेदिमा -

9. कमेटी का नाम सर्व समिति से ग्राम विकास  
समिति रखा जाया है।

10. आरव वण्ड इन्फार्मेशन लिमिटेड के अपरोक्त आलेखों  
में एक अनुसूची पत्र दिया जाएगा।



भारत सरकार  
GOVERNMENT OF INDIA

बबलु बेदिया  
Bablu Bedia

जन्म वर्ष / Year of Birth : 1993  
पुरुष / Male

2167 4106 1130

आधार — आम आदमी का अधिकार

भारत सरकार  
UNIQUE IDENTIFICATION AUTHORITY OF INDIA

पता :  
श्री. बबलु बेदिया  
मुरो टोल  
पोस्ट हेल्स, मेला  
पिनकोड: 822899, 829121

Address:  
Shri Bablu Bedia  
Muroo Tol  
Post Hela, Meha  
Pincode: 822899, 829121

Aadhaar - Aam Aadmi Ka Adhikaar

Bablu Bedia  
मो 7491048912

बबलु बेदिया  
Bablu Bedia

शिव शंकर मिश्रा

वार्ड पार्षद वार्ड सं० ०९

रामगढ़ नगर परिषद  
(झारखण्ड)



झारखण्ड सरकार

आवास : ग्राम + पो० : मरार,

थाना : रामगढ़,

जिला : रामगढ़, (झारखण्ड)

Mob.: - 97981 78956

96612 50484

पत्रांक सं० 26/2024

दिनांक 12/06/2024

सेवा में,

श्रीमान निदेशक महोदय,

झारखण्ड इस्पात प्रा. लि.

ग्राम + पो० - हैसला, भाया - अरगाडा

जिला रामगढ़ (झारखण्ड)

विषय : - ट्रेक्टर (महिन्दा) साव में हेडोलिक वॉल्टी और  
रोटावेटर देने के संबंध में।

महाराज,

उपरोक्त विषय के संदर्भ में कहना है कि झारखण्ड  
इस्पात प्रा. लि. फेक्ट्री के द्वारा कॉरपोरेट इन्वारमेंट  
रिस्पोन्सिबिलिटी (सी. ई. आर.) के तहत ग्राम मरार से  
प्रबन्धन के द्वारा ट्रेक्टर (महिन्दा ट्रेक्टर) साव में  
हेडोलिक वॉल्टी और रोटोवेटर देना है, जिसका आमसभा  
के द्वारा कमेटी का गठन कर लिया गया है। जो संलग्न  
क्रिया जा रहा है।

झारखण्ड इस्पात प्रा. लि. से अनुरोध है कि सर्वसमिति से  
पात्र प्रस्ताव के आलोक में ट्रेक्टर (महिन्दा ट्रेक्टर) साव में  
हेडोलिक वॉल्टी और रोटोवेटर का रजिस्ट्रेशन श्री संजय  
रजवार पिता स्व. कुंवर रजवार ग्राम पो० - मरार के नाम से  
करा कर नामिण उपयोग हेतु अथाशिक्षा उपलब्ध करने  
की कृपा करें।

संलग्नक : -

1. आम सभा की क्षया प्रति पांच पृष्ठों में।
2. संजय रजवार का दस्तावेज, चार पृष्ठों में।

12/6/2024

शिव शंकर मिश्रा  
वार्ड पार्षद सं०-०९, मरार  
नगर परिषद (झारखण्ड)

आज दिनांक 25/05/2024 को मरार पंचायत भवन में ग्रामिण किसानों के संग कारखण्ड इस्पात प्राधिकरण के द्वारा C.E.R के तहत किसानों को खेती-बाड़ी जोन कोड के लिए एक वेक्टर रोटा वेक्टर एवं ट्रैक्टर दिया जा रहा है।

इस संबंध में एक बैठक / ग्राम सभा किया गया। जिसका बैठक की अध्यक्षता, वार्ड पार्षद (09) मरार के शिव शंकर मिश्रा, और संचालन वार्ड (09) के जमादार आभेण कुमार द्वारा किया गया।

- बैठक का मुद्दा -
- 1. कारखण्ड इस्पात के द्वारा C.E.R के तहत वेक्टर खेती-बाड़ी एवं जोन कोड की निष्पत्ती
- 2. वेक्टर की देख-रेख एवं संचालन करने की निष्पत्ती।
- 3. जोन कोड की दर / अंशदान किया होगा।
- 4. गाड़ी का रजिस्ट्रेशन किसके नाम से किया जाय

25/5/2024  
अध्यक्षता

शिव शंकर मिश्रा  
वार्ड पार्षद सं-09, मरार  
समय नगर परिवद (झारखण्ड)

बैठक में उपस्थित ग्रामिणों का हस्ताक्षर

1. Anshu K. Singh
2. उमेश कुमार वेदिया
3. Sanjay Rajwar
4. सुकेश राजवार
5. जयानंद 20/01/2
6. जयेश मुंडा
7. पवन उमाल
8. जलेश्वर मुंडा

Shay Kumar Rajwar.


12. यशोदा देवी

13. मनोज शर्मा

14. दिलीप शर्मा

15.  LTI  
विजया देवी

16.  LTI  
गिता देवी

17.  LTI  
राजकुमारी देवी

18. Binod Kumar

19. अनंत शर्मा

20. नैशा शर्मा

21.  LTI  
पुनम देवी

22. सुश्रुत शर्मा

23. मनोज शर्मा

24. Gopal Kumar

25. Binod Rajwar

26.  LTI  
मालती देवी

27. गीता देवी

28. मीरा देवी

29. सरस्वती देवी

30. Anam Soni

31. Deepak Karmali

32.  LTI  
अजय शर्मा

33. हार्द शर्मा

34.  LTI  
अनंत शर्मा

35. गी वधन शर्मा



- 26. गीता देवी
- 27. नालचक
- 28. Vinod Kumar
- 29. महेश चंदिना
- 30. Rishabh Chandra
- 31. Shivshankar Kumar
- 32. अरवि रजवार
- 33. रमेश रजवार
- 34. डा. आराम
- 35. म. सु. रंजक
- 36. नारायण रजवार
- 37. विष्णु रजवार
- 38. जगदीश रजवार
- 39. आनंद रजवार
- 40. Krishna Kaphardar
- 41. उज्जवल रजवार
- 42. Ramesh Rajwar
- 43. Rajesh Rajwar
- 44. Ramesh Rajwar
- 45. Karam Rajwar

## बैंक की कार्यवाही

1. सर्वसम्मती से द. (06) लोगों का कमीटी गठन किया गया जो निम्न है।

- (I) शिवशंकर मिश्रा - वार्डपार्षद (अध्यक्ष)
- (II) आर्यन कुमार - जमादार
- (III) संजय रजवार - सचिव
- (IV) उमेश कुमार वेदिया - कोषाध्यक्ष
- (V) जय किरान वेदिया - सदस्य
- (VI) धोंडू रजवार - सदस्य

2. कमीटी का नाम सर्वसम्मती से ग्राम विकास समिति रखा गया है।

3. गाड़ी का देखरेख वार्ड पार्षद, जमादार रजवार सचिव का होगा।

4. रेवेनी-वाड़ी, जोल-कोड का मार्केट रेट का दरारि नं०. होगा, इससे गाड़ी का जीजल, चालक एवं गाड़ी का मेन्टेनेन्स किया जाएगा।

5. ट्रेक्टर का रजिस्ट्रेशन सचिव संजय रजवार नाम से सर्वसम्मती से कराने का निर्णय लिया गया।

6. रेवेनी-वाड़ी, जोल-कोड का हिसाब-किताब रखने लिए एक रजिस्टर पंजी इश्यु किया जाएगा।

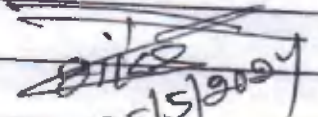
7. ट्रेक्टर का जोल-कोड का अंशदान लेक, चालक को देने के बाद बचा हुआ पैसा तीन आठ के नाम से एक बैंक खाता खोला जाएगा। जो बचा हुआ पैसा के द्वारा ट्रेक्टर मेन्टेनेन्स का काम आयेगा।

8. कमिटी की सूची को पांच वर्षों में संशोधन दिया जा सकता है।

9. कारखाने इत्यादि प्राधिकरण को उपरोक्त आलेख में एक अनुरोध पत्र दिया जाएगा।

मुन्त्र में अध्यक्ष द्वारा बैठक में उपस्थित जगमिणों को चर्चा-वाद दिया गया और सभा की समाप्ति की घोषणा कि गई।

अध्यक्ष

  
25/5/2024

शिव शंकर मिश्रा  
वाट पार्सद सं-09, गवार  
राजवाड़ नगर पालिका (झारखण्ड)



भारतीय विशिष्ट पहचान प्राधिकरण

भारत सरकार

Unique Identification Authority of India

Government of India

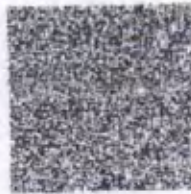
नामांकन क्रमांक/ Enrolment No.: 1007/30024/01561

Download Date: 16/03/2021

To  
संजय राजवार  
Sanjay Rajwar  
S/O Kurwar Rajwar  
H.No-77  
M-shra Tola  
Nest Shiv Mandir  
Mera  
Rongam Jharkhand - 826117  
976647208

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9766 3033 5788

मेरा आधार, मेरी पहचान

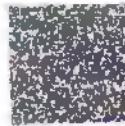


भारत सरकार  
Government of India



संजय राजवार  
Sanjay Rajwar  
जन्म तिथि/DOB: 01/01/1981  
पुरुष/ MALE

9766 3033 5788



मेरा आधार, मेरी पहचान

Sanjay Rajwar  
Mob. No - 6200876832

**Tractor (Make Mahindra) with hydraulic trolley and Rotavator distribution to each Nagar panchayat of village Hesla and Maraar on 13/08/2024**





खट्टी-भिठी यादों रामगढ़ शहर के कई परिवारों के बीच आज भी ताजा है। लोग बटवारे को याद करते हैं तो उनके

पंजाब प्रांत में था। उन्होंने कहा कि हाई सेकेंड्री में उनके पापा पूरे पाकिस्तान पंजाब प्रांत में टॉप हुए थे।

मां और उनके पिता भी पाकिस्तान के तक्षशिला में रहते थे। वहां से वे सीधे कोलकाता पहुंचे।

## संत कोलंबा में गोष्ठी का आयोजन

हजारीबाग। संत कोलंबो कॉलेज के मुख्य छात्रवास के विद्यार्थियों की ओर से चलाए जा रहे सात दिवसीय स्वच्छता पौधारोपण एवं परिसर सौंदर्य करण अभियान के छठे दिन मंगलवार को एक संगोष्ठी का आयोजन किया गया।

मौके पर कॉलेज के राजनीतिक विज्ञान के विभागाध्यक्ष डॉ अशोक राम मुखर्जी एवं भारतीय, सामाजिक, राजनीतिक क्षेत्र में इसके प्रभाव की विवेचना की। उन्होंने कहा कि भारतीय संविधान भारत के सांस्कृतिक राजनीतिक मूल्यों का प्रतीक है। यह जीवित मानवीय एवं प्रतिवादी स्वरूप का है।

भारत का संविधान भारत के लौकिक जगत की पीता है। इसी के आधार पर हमारा भारत सर्व धर्म समभाव के साथ-साथ लोकतांत्रिक गणराज्य है। जिसमें सभी व्यक्तियों की क्षमता, स्वतंत्रता, न्याय और व्यक्ति की गरिमा की रक्षा हो रहा है। अध्यक्षता कर रहे छात्रवास अधीक्षक डॉ राजकुमार चौबे ने की। धन्यवाद ज्ञापन छात्रवास के प्रीफेक्ट विशाल कुमार मिश्र ने किया कार्यक्रम में सचिन जायसवाल हर्ष कुमार शिव कुमार रंजन कुमार अंशु कुमार आदि मौजूद थे।

## ग्रामीणों के बीच ट्रैक्टर और ई-रिक्शा का किया वितरण



सिरका के हेसला प्लांट में मंगलवार को ट्रैक्टर की चाबी देते मुख्य अतिथि।

रामगढ़, निज प्रतिनिधि। आरसी रूंगटा समूह की कम्पनी झारखंड इस्पात प्राइवेट लिमिटेड हेसला ने मंगलवार को ग्रामीणों के बीच ट्रैक्टर और ई-रिक्शा का वितरण किया। कारपोरेट सामाजिक उत्तरदायित्व के तहत एक सप्ताह समारोह आयोजित कर ग्रामीणों के बीच ट्रैक्टर और ई रिक्शा वितरण किया गया।

बतौर मुख्य अतिथि झारखंड इस्पात फैक्टरी के संचालक रामचंद्र रूंगटा के बड़े भाई रामस्वरूप रूंगटा व विशिष्ट अतिथि तिवारी महतो, आनन्द बेदिया, गोपाल मुंडा, शंकर मिश्रा, विनोद तिवारी, छोटन मुंडा और शनिवारो बारला उपस्थित थे। कार्यक्रम की अध्यक्षता डीके पांडेय और संचालन

आरसी शर्मा ने किया। कार्यक्रम में झारखंड इस्पात प्राइवेट लिमिटेड की ओर से प्लांट के आस पास गांवके 10 ग्रामीणों को चिह्नित कर 2 ग्रामीण को ट्रैक्टर और 8 ग्रामीण को ई रिक्शा दिया गया। मौके पर फैक्टरी औनर रामचंद्र रूंगटा ने कहा कि फैक्टरी प्रबंधन स्टेसअर के तहत आसपास के ग्रामीणों के विकास के लिए हर सम्भव कार्य कर रहा है। इससे पहले कृषि उपकरण का वितरण किया गया। इसके अलावा शिक्षा के क्षेत्र में बेहतर करने वाले छात्र छात्राओं को पढ़ने की व्यवस्था और स्कॉलरशिप देने की योजना पर काम चल रहा है। मौके पर प्लांट के आनर रामचंद्र रूंगटा, मनोज रूंगटा, बमबम झा, पानवेन्द्र चौबे आदि मौजूद थे।

एजेंसी के अनुसार स्थित गार सिंह, अध्यक्ष शर्मा,

वक्ता आन बताया कि स्वतंत्रता दिवस पर पूरे प्रदेश में विधानसभा स्तरीय तिरंगा यात्रा मोटरसाइकिल जुलूस के रूप में निकल जानी थी। उसी के अनुरूप भाजपा युवा मोर्चा ने पतरातु प्रखंड क्षेत्र में तिरंगा यात्रा मोटरसाइकिल जुलूस निकाली गई।

का शव बरामद किया। बरा तीन चार दिन पुराना बताया जा शवको शीत गृह हजारीबाग में जहां तीन दिनों तक शव को के लिए रखा जाएगा। पुलिस ने से अपेड़ व्यक्ति को मौत हो संभावना व्यक्त की है।

## ट्रैक्टर को मारि को रेहर्सल परेड का निरीक्षण



अंतर्गत का निरीक्षण करते डीसी-एसपी। लेकर अंतिम चरण की तैयारियों की जानकारी लेते हुए कार्यक्रम के अध्यक्ष

सिद्धे-कान्हू मैदान में 9:05 में हेमन्त ध्वजरोह स्वतंत्रता दिवस पर सिद्धे कान्हू में सुबह 9:05 बजे झंडोतोलन ह डीसी कार्यालय में सुबह 10 बजे, पुलिस अधीक्षक कार्यालय में सुबह 10:06 बजे, डीडीसी कार्यालय में सुबह 10:10 बजे, अनुमंडल कार्यालय में सुबह 10:50 बजे अनुमंडल पुलिस फ्लैगिंग में सुबह 10:55 बजे एवं पुलिस त रामगढ़ में सुबह 11:10 बजे झंडा फहराया जाएगा। इस दौरान जिला स्तरीय अतिथि भी मौजूद रहेंगे।

## चहारदीवारी और सड़क निर्माण की मिली स्वीकृति

रांची। झारखंड राज्य आवास बोर्ड के निदेशक मंडल की 73वीं बैठक मंगलवार को हुई। इसमें अहम फैसले लिए गए। हजारीबाग की सारले आवासीय कॉलोनी की खाली जमीन चहारदीवारी निर्माण और पीसीसी ड्रिड निर्माण के लिए क्रमशः 14.72 लाख और 10.70 लाख रुपए की प्रशासनिक स्वीकृति दी गई। कॉलोनी के नवनिर्मित कार्यालय में निरीक्षण भवन एवं आवासीय गैंग्लेक्स के चहारदीवारी निर्माण के लिए 50.07 लाख रुपए की प्रशासनिक स्वीकृति मिली। वहीं, कॉलोनी में 16 नवनिर्मित फ्लैटों व अन्य संपत्तियों की सुरक्षा के लिए कीदार कक्ष निर्माण के लिए 4.30 लाख रुपए की प्रशासनिक स्वीकृति दी गई।

## जले में 5 पुलिस दाधिकारियों का

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रामगढ़ में मंगलवार को एक इरिगेशन प्रोजेक्ट का शुभारंभ किया गया। इस अवसर पर मंगलवार को एक इरिगेशन प्रोजेक्ट का शुभारंभ किया गया।

**ई रिक्शा व ट्रैक्टरों का किया गया वितरण**



रामगढ़, आरसी रूंगटा समूह के कंपनी मेसर्स झारखंड इस्पात प्राइवेट लिमिटेड ने ग्रामीणों के बीच मंगलवार को आठ ई रिक्शा व दो ट्रैक्टरों का वितरण किया। कंपनी के मालिक रामस्वरूप रूंगटा व रामचंद्र रूंगटा ने बताया कि रूंगटा समूह सामाजिक दायित्व को बेहतर समझता है। समय-समय पर सीएसआर के तहत कंपनी ग्रामीणों के हित में कार्य करती है। इससे बेरोजगार युवाओं को रोजगार मिलेगा। उन्होंने कहा कि भविष्य में भी सामाजिक हित में कंपनी उतरदायित्व का लगातार निर्वहन करेगी। मरार, हेसला, फुलसराय व बरकाकाना के बेरोजगार युवकों को ई रिक्शा दी गयीं। मरार व हेसला नगर पंचायत को ट्रैक्टर दिये गये। मौके पर गोपाल मुंडा, शंकर मिश्रा, बिनोद तिवारी, शनियासे बारला, तिखरी महतो, आनंद बैदिया, छोटन मुंडा व डीके पांडेय, प्रकाश झा, आरपी शर्मा, मनोज कुमार मौजूद थे।

**सिरका में दुर्गा पूजा कमेटी का बैठक**

मिटी (छायाटीबाग), सिरका दुर्गा पूजा कमेटी बैठक मंगलवार को सिरका में हुई। इसकी अध्यक्षता खान प्रबंधक रमेश कुमार ने की। बैठक में दुर्गा पूजा धूमधाम से मनाने का निर्णय लिया गया। पूजा कमेटी का गठन किया गया। इसमें अध्यक्ष सिरका पीओ श्रीकांत शर्मा, उपाध्यक्ष खान प्रबंधक रमेश कुमार, सचिव सत्येंद्र महतो, सह सचिव शंता कुमार, कोषाध्यक्ष प्रशांत बेलथरिया, सह कोषाध्यक्ष इन्द्रबिंदु महतो बनाये गये। संतोष सिंह, नागेश्वर महतो, संजय कुशवाहा, मनोज पातल, केसर महतो, कमरुद्दीन खान, मुस्ताफा खान, विजय सिंह, योगेश हजारी को कार्यकारिणी सदस्य के रूप में रखा गया है।

**दुर्गा व काली पूजा मनाने का लिया निर्णय**

उरीनाही, सवाल में पीट ऑफिस के समीप दुर्गा पूजा व काली पूजा समिति की बैठक हुई। अध्यक्षता जासुदेव साव ने की। बैठक में दोनों त्योहार धूमधाम से मनाने का निर्णय हुआ। कमेटी का चयन हुआ। इसमें अध्यक्ष पीओ सुबोध कुमार, सचिव शंकर सिंह व कोषाध्यक्ष सुधीर यादव चुने गये। तय हुआ कि कर्मचारी 22 सौ व अधिकारी 55 सौ रुपये का सहयोग करेंगे। बैठक में अक्षरत खान, तुषार भारद्वाज अर्जुन सिंह, सचिन सिंह, संजय शर्मा, रामविलास यादव, विनोद कुमार, सत्येंद्र

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जूरत आपकी, माध्यम हमारा

**शपथ पत्र**  
**AFFIDAVIT**  
I, Laxmi Kumari, D/o Raju Lohra, R/o Bbonda, P.O. - Guru P.Ss - Ratu, Ranchi. That in my Adhar Card My Name is written as Manta kumari which is my Nick Name. My correct Name is Laxmi Kumari. Vide Affidavit No 126, Dated 20/06/2024. C-13405(RNC)

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Sr. No.	Particular / Description	HSN/SAC	Taxable Value	Qty.	CGST		SGST		Amount
					Rate	Amt	Rate	Amt	
1	AGRICULTURE TROLLY SELF UNLOADING HYDRAULIC 4 TON CAPACITY TWO WHEELER 10* 6* 1.5 SIZE FITTED WITH RIMS. Chassis No. RPLH879	871610	112300.00	1	6%	6738.00	6%	6738.00	125776.00
2	NEW TYRE      V0159590624	401192	12300.00	1	14%	1722.00	14%	1722.00	15744.00
3	NEW TYRE      . V0001930624	401192	12300.00	1	14%	1722.00	14%	1722.00	15744.00
4	Mahindra Rotavator Supervator 1.80    SI. No. :- S180GMVP1L00210	843280	119200.00	1	6%	7152.00	6%	7152.00	133504.00
	<b>TOTAL</b>		<b>256100.00</b>			<b>17334.00</b>		<b>17334.00</b>	<b>290768.00</b>

Rupees Two Lakh Ninety Thousand Seven Hundred Sixty Eight Only

TCS @1%	0.00
<b>Grand Total</b>	<b>290768.00</b>

Rupees Two Lakh Ninety Thousand Seven Hundred Sixty Eight Only

HSN/SAC	Taxable Value	Central Tax		State Tax	
		Rate %	Amount	Rate %	Amount
871610	112300.00	6	6738.00	6	6738.00
401192	24600.00	14	3444.00	14	3444.00
843280	119200.00	6	7152.00	6	7152.00
<b>Total</b>	<b>256100.00</b>		<b>17334.00</b>		<b>17334.00</b>

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Declaration  
 We declare that this invoice show the actual price of the goods described and the all particulars are tru and correct

FOR THE REPUBLIC PRIVATE LIMITED

Authorised Signatory

# TAX INVOICE

<b>THE REPUBLIC PRIVATE LIMITED</b> Authorised Dealers : MAHINDRA & MAHINDRA LTD. * (FES) HAZARIBAGH ROAD (NH 33) BOOTY,RANCHI * Reg. Office: Atmaram Bhawan, Radhey Shyam Lane, Main Road, Ranchi 83400 GSTN 20AACCT0051D2Z9 CIN NO. U22212JH1958PTC000615	Invoice No. <b>RPL/INV/250090</b>	Dated : <b>16/05/2024</b>
	Challan No. <b>CH/250103</b>	Mode/Terms of Payment
	Supplier's Ref.	Other Reference

Buyer To, M/S JHARKHAND ISPAT PRIVATE LIMITED.. I/C At. : HESLA ARGADA Post : HESLA PS. : RAMGARH Dist : RAMGARH GSTN - 20AABCR2993R1ZX PAN - AABCR2993R                      AADHAR -	Under H.P.A.: CASH/ NOT HELD
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Sr. No.	Particular / Description	HSN/SAC	Taxable Value	Qty.	CGST		SGST		Amount
					Rate	Amt	Rate	Amt	
1	MAHINDRA 475 DI NBP LT (TR475NBPLCOWLT3A) HP CATEGORY:42 CYLINDER:4  Engine No. RRA2KBA0519 Chassis No. MBNABAJAKRRA11373	870192	737100.00	1	6%	44226.00	6%	44226.00	825552.00
2	HOOD	870810	3000.00	1	9%	270.00	9%	270.00	3540.00
3	HITCH	870810	3000.00	1	9%	270.00	9%	270.00	3540.00
4	BUMPER	870810	3700.00	1	9%	333.00	9%	333.00	4366.00
5	D.PATTA	870810	1200.00	1	9%	108.00	9%	108.00	1416.00
TOTAL			748000.00			45207.00		45207.00	838414.00

Rupees Eight Lakh Thirty Eight Thousand Four Hundred Forteen Only

TCS @1%	0.00
<b>Grand Total</b>	<b>838414.00</b>

Rupees Eight Lakh Thirty Eight Thousand Four Hundred Forteen Only

HSN/SAC	Taxable Value	Central Tax		State Tax	
		Rate %	Amount	Rate %	Amount
870192	737100.00	6	44226.00	6	44226.00
870810	10900.00	9	981.00	9	981.00
<b>Total</b>	<b>748000.00</b>		<b>45207.00</b>		<b>45207.00</b>

Rupees Ninety Thousand Four Hundred Forteen Only

COMPANY PAN : AACCT0051D, BANK A/C: 106010300001410, IFSC: UTIB0000106

Declaration We declare that this invoice show the actual price of the goods described and the all particulars are tru and correct	FOR THE REPUBLIC PRIVATE LIMITED  Authorised Signatory
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# TAX INVOICE

<b>THE REPUBLIC PRIVATE LIMITED</b> Authorised Dealers : MAHINDRA & MAHINDRA LTD. * (FES) HAZARIBAGH ROAD (NH 33) BOOTY, RANCHI * Reg. Office: Atmaram Bhawan, Radhey Shyam Lane, Main Road, Ranchi 83400 GSTN 20AACCT0051D2Z9 CIN NO. U22212JH1958PTC000615	Invoice No. <b>RPL/INV/250091</b>	Dated : <b>16/05/2024</b>
	Challan No. <b>CH/250104</b>	Mode/Terms of Payment
	Supplier's Ref.	Other Reference

Buyer  
 To,  
 M/S JHARKHAND ISPAT PRIVATE LIMITED...  
 I/C  
 At. : HESLA ARGADA Post : HESLA  
 PS. : RAMGARH Dist : RAMGARH  
 GSTN - 20AABCR2993R1ZX  
 PAN - AABCR2993R                      AADHAR -

Under H.P.A.: CASH/ NOT HELD

Sr. No.	Particular / Description	HSN/SAC	Taxable Value	Qty.	CGST		SGST		Amount
					Rate	Amt	Rate	Amt	
1	AGRICULTURE TROLLY SELF UNLOADING HYDRAULIC 4 TON CAPACITY TWO WHEELER 10* 6* 1.5 SIZE FITTED WITH RIMS. Chassis No. RPLH880	871610	112300.00	1	6%	6738.00	6%	6738.00	125776.00
2	NEW TYRE    V0075935223	401192	12300.00	1	14%	1722.00	14%	1722.00	15744.00
3	NEW TYRE    V0040530624	401192	12300.00	1	14%	1722.00	14%	1722.00	15744.00
4	Mahindra Rotavator Supervator 1.80    SI. No. :- S180GMVP1H00042	843280	119200.00	1	6%	7152.00	6%	7152.00	133504.00
<b>TOTAL</b>			<b>256100.00</b>			<b>17334.00</b>		<b>17334.00</b>	<b>290768.00</b>

Rupees Two Lakh Ninety Thousand Seven Hundred Sixty Eight Only

TCS @1%	0.00
<b>Grand Total</b>	<b>290768.00</b>

Rupees Two Lakh Ninety Thousand Seven Hundred Sixty Eight Only

HSN/SAC	Taxable Value	Central Tax		State Tax	
		Rate %	Amount	Rate %	Amount
871610	112300.00	6	6738.00	6	6738.00
401192	24600.00	14	3444.00	14	3444.00
843280	119200.00	6	7152.00	6	7152.00
<b>Total</b>	<b>256100.00</b>		<b>17334.00</b>		<b>17334.00</b>

Rupees Thirty Four Thousand Six Hundred Sixty Eight Only

COMPANY PAN : AACCT0051D, BANK A/C: 106010300001410, IFSC: UTIB0000106

Declaration  
 We declare that this invoice show the actual price of the goods described and the all particulars are tru and correct

FOR THE REPUBLIC PRIVATE LIMITED  
  
 Authorised Signatory

**The Republic Pvt.Ltd.**

NH33, Hazaribagh Road,Booty , RANCHI-834001.(JHARKHAND)  
GSTIN/UIN: 20AACCT0051D2Z9 , CIN: U22212JH1958PTC000615  
E-Mail : RANCHI@mahindrafes.com

**Debit Note / Invoice**

Ref. No.: **RPL/DN/250088** Dated: **16/May/2024**

Party's Name: **M/S JHARKHAND ISPAT PRIVATE LIMITED**  
**I/C**  
**At. :HESLA ARGADA Post :HESLA**  
**PS. :RAMGARH Dist :RAMGARH**  
**GSTN - 20AABCR2993R1ZX**

State Name : **Jharkhand, Code : 20**

Place of Supply : **Jharkhand**

Particulars	Debit
Regisration of Tractor - MBNABAJAKRRL11222 & MBNABAJAKRRA11373	84,904.00
Insurance of Tractor - MBNABAJAKRRL11222 & MBNABAJAKRRA11373	26,776.00
<b>Total &gt;&gt;</b>	<b>111,680.00</b>

**On Account of : REG. & INS. as per proposal**

**Amount (in words) :**

INR One Lakh Eleven Thousand Six Hundred Eighty only

Company's PAN : **AACCT0051D**

**for The Republic Pvt. Ltd.**

  
Authorised Signatory

# TAX INVOICE

<b>THE REPUBLIC PRIVATE LIMITED</b> Authorised Dealers : MAHINDRA & MAHINDRA LTD. * (FES) HAZARIBAGH ROAD (NH 33) BOOTY,RANCHI * Reg. Office: Atmaram Bhawan, Radhey Shyam Lane, Main Road, Ranchi 83400 GSTN 20AACCT0051D2Z9 CIN NO. U22212JH1958PTC000615	Invoice No. <b>RPL/INV/250088</b>  Challan No. <b>CH/250101</b>  Supplier's Ref.	Dated : <b>16/05/2024</b>  Mode/Terms of Payment  Other Reference
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Buyer To, M/S JHARKHAND ISPAT PRIVATE LIMITED I/C At. :HESLA ARGADA Post :HESLA PS. :RAMGARH Dist :RAMGARH GSTN - 20AABCR2993R1ZX PAN - AABCR2993R AADHAR -	Under H.P.A.: CASH/ N O T H E L D
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Sr. No.	Particular / Description	HSN/SAC	Taxable Value	Qty.	CGST		SGST		Amount
					Rate	Amt	Rate	Amt	
1	MAHINDRA 475 DI NBP LT (TR475NBPLCOWLT3A) HP CATEGORY:42 CYLINDER:4  Engine No. RRL2KBA0308 Chassis No. MBNABAJAKRRL11222	870192	737100.00	1	6%	44226.00	6%	44226.00	825552.00
2	HOOD	870810	3000.00	1	9%	270.00	9%	270.00	3540.00
3	HITCH	870810	3000.00	1	9%	270.00	9%	270.00	3540.00
4	BUMPER	870810	3700.00	1	9%	333.00	9%	333.00	4366.00
5	D.PATTA	870810	1200.00	1	9%	108.00	9%	108.00	1416.00
<b>TOTAL</b>			<b>748000.00</b>			<b>45207.00</b>		<b>45207.00</b>	<b>838414.00</b>

Rupees Eight Lakh Thirty Eight Thousand Four Hundred Forteen Only

TCS @1%	0.00
<b>Grand Total</b>	<b>838414.00</b>

Rupees Eight Lakh Thirty Eight Thousand Four Hundred Forteen Only

HSN/SAC	Taxable Value	Central Tax		State Tax	
		Rate %	Amount	Rate %	Amount
870192	737100.00	6	44226.00	6	44226.00
870810	10900.00	9	981.00	9	981.00
<b>Total</b>	<b>748000.00</b>		<b>45207.00</b>		<b>45207.00</b>

Rupees Ninety Thousand Four Hundred Forteen Only

COMPANY PAN : AACCT0051D, BANK A/C: 106010300001410, IFSC: UTIB0000106

E & O.E

Declaration  We declare that this invoice show the actual price of the goods described and the all particulers are tru and correct	FOR THE REPUBLIC PRIVATE LIMITED   Authorised Signatory
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# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill. & P.O. - Hesta, Argada  
Dist. - Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No. ....

JIPL/2023-24

o/c

Date.....

दिनांक:- 12.03.2024

सेवा में,

वार्ड पार्षद No-12, 13, 14  
ग्राम अरगडा  
जिला-रामगढ़, झारखण्ड।

**विषय:-** गाँव अरगडा के गरीबी रेखा से नीचे आने वाले लोगों के लिए दो ई-रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने के संबंध में।

**संदर्भ:-** पर्यावरणीय सहमति पत्र सं०- F.No.-JI1011/41/2013-1A-(1) दिनांक-07.09.2022

महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा० लि० द्वारा गाँव अरगडा के गरीबी रेखा से नीचे आने वाले दो लोगों के लिए ई-रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने की योजना है, जिसके लिए आपसे अनुरोध है कि अपने क्षेत्र के गरीबी रेखा से नीचे के लभार्थियों की सूची उपलब्ध कराये। जिसका आधार कार्ड एवं ड्रिविंग लाईसेंस एवं बी०पी०एल० कार्ड की छायाप्रति उपलब्ध कराए। जिससे प्रबंधन उचित निर्णय लेते हुए ई-रिक्सा की खरीदी की व्यवस्था सुनिश्चित कर सके और बी०पी०एल० परिवारों का हित लाभ हो सके।

सधन्यवाद,

प्रतिलिपि:-

01. अध्यक्ष नगर परिषद रामगढ़ (झा०)।  
आवश्यक कार्यवाही हेतु प्रेषित।

कृते झारखंड इस्पात प्रा० लि०

(मनोज कुमार)

अधिकृत हस्ताक्षरकर्ता

*Sanjiv Kumar*  
संघीय देवी  
वार्ड पार्षद  
अरगडा  
(वार्ड नं०-12, 13, 14)  
जिला-रामगढ़, झारखण्ड

*Kopal Kumar*  
P.Ward P.O. No-12

13/03/24

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-228848, 224601, Fax : 228845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill. & P.O. - Hesla, Argada  
Dist. - Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....

Date.....

JIPL/2023-24

O/e

दिनांक:- 12.01.2024

सेवा में,

वार्ड पार्षद  
ग्राम मरार  
जिला-रामगढ़, झारखण्ड।

विषय:- गाँव मरार के गरीबी रेखा से नीचे आने वाले लोगों के लिए चार ई-रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने के संबंध में।

संदर्भ:- पर्यावरणीय सहमति पत्र सं०- F.No.-J11011/41/2013-IA-(I) दिनांक-07.09.2022

महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा० लि० द्वारा गाँव मरार के गरीबी रेखा से नीचे आने वाले चार लोगों के लिए ई-रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने की योजना है, जिसके लिए आपसे अनुरोध है कि अपने क्षेत्र के गरीबी रेखा से नीचे के लाभार्थियों की सूची उपलब्ध कराये। जिसका आधार कार्ड एवं ड्रिविंग लाईसेंस एवं बी०पी०एल० कार्ड की छायाप्रति उपलब्ध कराए। जिससे प्रबंधन उचित निर्णय लेते हुए ई-रिक्सा की खरीदी की व्यवस्था सुनिश्चित कर सके और बी०पी०एल परिवारों का हित लाभ हो सके।

सधन्यवाद,


प्रतिलिपि:-

01. अध्यक्ष नगर परिषद रामगढ़ (झा०)।  
आवश्यक कार्यवाही हेतु प्रेषित।

कृते झारखंड इस्पात प्रा० लि०

(मनोज कुमार)

अधिकृत हस्ताक्षरकर्ता

  
नगर परिषद, रामगढ़

# JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
CIN : U34102UP1991PTC012872  
Telephone : 06553-226845, 224601, Fax : 228845  
E-mail : jpiramgarh@gmail.com



WORKS :  
Vill. & P.O. - Hesla, Argada  
Dist. - Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....

JIPJ./2023-24

0/c

Date.....

दिनांक:- 12.03.2024

सेवा में,

वार्ड पार्षद  
ग्राम फुलसराय  
जिला-रामगढ़, झारखण्ड।

विषय:- गाँव फुलसराय के गरीबी रेखा से नीचे आने वाले लोगों के लिए दो ई-रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने के संबंध में।

संदर्भ:- पर्यावरणीय सहमति पत्र सं०- F.No.-J11011/41/2013-IA-(I) दिनांक-07.09.2022

महाशय,

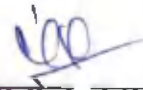
उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा० लि० द्वारा गाँव फुलसराय के गरीबी रेखा से नीचे आने वाले दो लोगों के लिए ई-रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने की योजना है, जिसके लिए आपसे अनुरोध है कि अपने क्षेत्र के गरीबी रेखा से नीचे के लभार्थियों की सूची उपलब्ध कराये। जिसका आधार कार्ड एवं ड्रिविंग लाईसेंस एवं बी०पी०एल० कार्ड की छायाप्रति उपलब्ध कराए। जिससे प्रबंधन उचित निर्णय लेते हुए ई-रिक्सा की खरीदी की व्यवस्था सुनिश्चित कर सके और बी०पी०एल० परिवारों का हित लाभ हो सके।

सधन्यवाद,


प्रतिलिपि:-

01.अध्यक्ष नगर परिशद रामगढ़ (झा०)।  
आवश्यक कार्यवाही हेतु प्रेशित।

कृते झारखंड इस्पात प्रा० लि०

  
(मनोज कुमार)

अधिकृत हस्ताक्षरकर्ता

  
पार्षद 13/03  
वार्ड सं०-10, फुलसराय  
नगर पंचायत रामगढ़, जिला-रामगढ़





## Tax Invoice

### MAC/24-25/0013

#### Invoice From

MAC AUTO INDIA PVT LTD  
121 A 121 B GURUKUL INDUSTRIAL AREA  
FARIDABAD HARYANA,  
Faridabad (Haryana- 6 )  
India - 121010  
Contact Person: nitesh saini  
Email: accounts.receivable@macauto.in  
Contact No: 9559158384  
GSTIN: 06AANCMS780F1Z6

#### Invoice To

M/S JHARKHAND ISPAT PVT. LTD.  
HESLA, ARGADA, ARGADA, Ramgarh  
Hazaribag (Jharkhand)  
India - 829101  
Email: kaushik.dwari@outlook.com  
Contact No: 8339045661  
GSTIN: 20AABCR2993R1ZX  
Place of Supply: Hazaribag, Jharkhand (20)

#### Shipped To

M/S JHARKHAND ISPAT PVT. LTD.  
HESLA, ARGADA, ARGADA, Ramgarh  
Hazaribag (Jharkhand)  
India - 829101  
GSTIN : 20AABCR2993R1ZX

#### Invoice Details

Invoice Number	MAC/24-25/0013	Invoice Date	18/04/2024
PO Date	18/03/2024	OC Number	23-24/OC0404
OC Number	23-24/OC0404	OC Date	18/03/2024
Payment Date	20/03/2024		

#	Description	HSN/SAC Code	Quantity	Rate	Taxable Amount	IGST		Total
						Rate	Amount	
1	MAC 900 Item ID: RM1093 Mac Bolt MS BODY(POWDER COATING) Motor Make:- Autolek Motor Power:- 1000 Watt Battery Type:- Lead Acid Battery Make:- Exide Battery Power:- 130 A.H E Cart Voltage:- 48 Volt Front Type:- Windshield With Wiper Motor With Luggage Carrier With Fogg Light With Stepony & Jack With Charger 2 Year Warranty & With Battery 1 Year Warranty COLOR:- BLUE  CHASSIS NUMBER  M71MAMND24D000219 M71MAMND24D000215 M71MAMND24D000221 M71MAMND24D000222 M71MAMND24D000217 M71MAMND24D000216 M71MAMND24D000218 M71MAMND24D000220	870390	8.00 Nos	₹95,238.10	₹7,61,904.80	5%	₹38,095.24	₹8,00,000.04
2	Transport Charges				₹80,000.00	0%	₹0.00	₹80,000.00

Invoice Amount Eight Lakh, Eighty Thousand Rupees and Zero Paise Only  
IGST Thirty-Eight Thousand, Ninety-Five Rupees and Twenty-Four Paise Only

Total (before Tax) : ₹8,41,904.80

CGST	SGST	IGST	Cess
₹0.00	₹0.00	₹38,095.24	₹0.00

Total Tax : ₹38,095.24

Grand Total : ₹8,80,000.00

Advance Paid : ₹8,80,000.00

Amount Payable : ₹0.00

For MAC AUTO INDIA PVT LTD



Authorised Signatory



**Tax Invoice**  
**MAC/24-25/0013**

**Comments:**

MOTOR NO:- I027,I025,I026,I028,I175,I174,I173,I176  
CONTROLLER NO:- I070,I064,I067,I062,I387,I065,I384,I382  
CHARGER NO:-  
BATTERY NO:-  
1. 43867,38657,21169,43672  
2. 38660,38856,34520,32322  
3. 38670,43665,38663,38664  
4. 38668,43525,65554,43667  
5. 34841,78841,38950,79952  
6. 28933,90776,89985,85841  
7. 58841,38659,90553,92433  
8. 38957,38661,38841,37967

**Terms And Conditions:**

Judicial to Faridabad, Haryana

For MAC AUTO INDIA PVT LTD



Authorised Signatory

SHIRAM

REST ASSURED

**SHIRAM GENERAL INSURANCE COMPANY LIMITED**E-8,EPIP,SITAPURA INDUSTRIAL AREA,JAIPUR,  
RAJASTHAN-302022  
CONTACT(TOLL FREE): 1800 - 30030000, 1800 - 1033009

JU-131

**CERTIFICATE CUM POLICY SCHEDULE**PCCV-3 wheelers-carrying passengers-capacity NOT > 6 - Zone B  
MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY)-  
LIN No.IRDAN137RP0018V01200809 - SAC Code: 997134

CIN NO. U66010RJ2006PLC029979

<b>Branch Address</b>		SCF-P-29, Sector-14 1st floor Gurgaon Haryana,-GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002		<b>Branch Office Phone No.</b>		7412079612 & 7412079613	
<b>Geographical Area</b>		INDIA		<b>Policy No.</b>		102015/31/25/001696	
<b>Insured's Code/ Name</b>		IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.		<b>GSTIN No. Of Insured</b>		20AABCR2993R1ZX	
<b>Insured Address</b>		HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101, ARGADA, HAZARIBAG, JHARKHAND - 829101					
<b>Insured State Code</b>		20		<b>NCB Discount (%)</b>		0	
<b>Executive</b>		HIMANSHU - NAN000001404		<b>Perfod of Insurance</b>		From 16:59 Hrs of 25/04/2024 To Midnight Of 24/04/2025	
<b>Agent Details</b>		SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Mobile No.-9330167449- Toll/Phone No.N.A					
<b>PAN No.</b>		N.A					
<b>Prop No. - TR No.</b>		N.A - N.A		<b>Prop Issue Date</b>		N.A	
<b>Gross Premium</b>		5323		<b>IGST</b>		958	
<b>CGST</b>		0		<b>SGST/UTGST</b>		0	
<b>Previous Insurer</b>		N.A.		<b>Total</b>		6281	
<b>Previous Policy No.</b>		N.A		<b>Nominee for Owner/Driver</b>		N.A	
<b>Nominee Age</b>		N.A		<b>Nominee Relationship</b>		N.A	
<b>Appointee Name</b>		N.A		<b>Appointee Relationship</b>		N.A	
<b>REGISTRATION MARK &amp; PLACE</b>	<b>ENGINE NO. &amp; CHASSIS NO.</b>	<b>MAKE - MODEL</b>	<b>TYPE OF BODY / FUEL TYPE</b>	<b>CUBIC CAPACITY / WATT/YEAR OF MANF.</b>	<b>DATE OF REGN. / DELIVERY</b>	<b>SEAT CAP. (INCL. DRIVER)</b>	
NEW & PARIDABAD (COMMERCIAL VEHICLES ONLY)	1173 & M71MAMND24D000218	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1	
<b>IDV FOR THE VEHICLE</b>	<b>Battery Number</b>	<b>58841,38659,90553,92433</b>	<b>Motor Number</b>	<b>1173</b>	<b>TOTAL VALUE</b>		
77000.00	<b>IDV FOR TRAILER</b>	<b>NON ELECTRICAL ACCESSORIES</b>	<b>ELECTRICAL ACCESSORIES</b>	<b>CNG/LPG kit SI</b>	77000.00		
0	0	0	0	0	0		
<b>Own Damage Policy Period</b>				<b>Liability Policy Period</b>			
<b>From Date &amp; Time</b>	<b>To Date &amp; Time</b>	<b>From Date &amp; Time</b>	<b>To Date &amp; Time</b>	<b>From Date &amp; Time</b>	<b>To Date &amp; Time</b>	<b>From Date &amp; Time</b>	<b>To Date &amp; Time</b>
25/04/2024 16:59 Hrs	24/04/2025 23:59 Hrs of Midnight	25/04/2024 16:59 Hrs	24/04/2025 23:59 Hrs of Midnight	25/04/2024 16:59 Hrs	24/04/2025 23:59 Hrs of Midnight	25/04/2024 16:59 Hrs	24/04/2025 23:59 Hrs of Midnight
<b>A. OWN DAMAGE</b>				<b>B. LIABILITY</b>			
<b>OD TOTAL</b>		786.00		<b>BASIC TP COVER</b>		4487.00	
<b>TOTAL PREMIUM</b>		5323.00		<b>ADD :Legal Liability Coverages For Paid Driver</b>		50.00	
<b>ADD : IGST 18.00%</b>		958.00		<b>TP TOTAL</b>		4537.00	
<b>PREMIUM AMOUNT</b>		6281.00					

The above Total OD Premium is inclusive of all applicable Loadings/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, Driver Tuition, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
ADD-ONS:- ROAD SIDE ASSISTANCE(IRDAN137RP0018V01200809/A0002V01202021)

CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: H.A., CPA Valid From: N.A., CPA Valid To: N.A.

**Deductibles under Section-I** : Compulsory Deductible Rs.500 , Theft Excess Rs.25000

**Subject to IMT Endorsement Printed herein/attached to** : IMT-23, IMT-40, IMT-21.

**Hypothecation Agreement with:**

**Hire Purchase/Lease Agreement with:**

**Limit of Liability :**

Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.

Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000

P.A. Cover under Section III for Owner - Driver (CSI) : Rs. 0

**Pre-Inspection Survey:** Dented Part : N.A, Broken Part : N.A, Scratched Part : N.A , Claim not payable for : N.A

Preinspection Report: Not Applicable



PLACE : GURGAON

We will contact you through phone, e-mail, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mail for the same on dnd@shriramgi.com

Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023

Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA, JAIPUR, RAJASTHAN, 303022

For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website

"www.shriramgi.com" Validity of policy is subject to KYC verification.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

For and on behalf of

Shriram General Insurance Co.Ltd.

*Rajini*

Authorized Signatory

Page 1 of 2

All the Amounts mentioned in this policy are in Indian Rupees  
GSTIN No. 06AAKCS2509K127



# SHRIRAM GENERAL IHSURANCE COMPANY LIMITED

E-8,EPIP,SITAPURA INDUSTRIAL AREA,JAIPUR,  
RAJASTHAN-302022  
CONTACT(TDLL FREE): 1800 - 30030000, 1800 - 1833009

## CERTIFICATE CUM POLICY SCHEDULE

PCCV-3 wheelers-carrying passengers-capacity NOT > 6 - Zone B  
MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -  
UIN No.IRDAN137RP0018V01200809 - SAC Code: 997134

JV-132

Branch Address	SCF-P-29, Sector-14 1st floor Gurgaon Haryana,-GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002	Branch Office Phone No.	7412079612 & 7412079613	
Geographical Area	INDIA	Policy No.	102015/31/25/001697	
Insured's Code/ Name	IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.	GSTIN No. Of Insured	20AABCR2993R1ZX	
Insured Address	HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101, ARGADA, HAZARIBAG, JHARKHAND - 829101			
Insured State Code	20	NCB Discount (%)	0	
Executive	HIMANSHU - NAN000001404	Period of Insurance	From 17:07 Hrs of 25/04/2024 To Midnight Of 24/04/2025	
Agent Details	SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Mobile No.-9330167449- Toll/Phone No.N.A			
PAN No.	N.A			
Prop No. - TR No.	N.A - N.A		Prop Issue Date	N.A
Gross Premium	5323	IGST	958	
CGST	0	SGST/UTGST	0	
Previous Insurer	N.A.	Total	6281	
Previous Policy Ho.	N.A	Nominee for Owner/Driver	N.A	
Nominee Age	N.A	Nominee Relationship	N.A	
Appointee Name	N.A	Appointee Relationship	N.A	

REGISTRATION MARK & PLACE	ENGINE NO. & CHASSIS NO.	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBIC CAPACITY / WATT/YEAR OP MANF.	DATE OF REGN. / DELIVERY	SEAT CAP. (INCL. DRIVER)
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY)	1176 & M71MAMND24D000220	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1

REGISTRATION MARK & PLACE	Battery Number	38957,38661,38841,37967	Motor Number	1176	TOTAL VALUE
77000.00	0	0	0	0	77000.00

Own Damage Policy Period: From Date & Time 25/04/2024 17:07 Hrs To Date & Time 24/04/2025 23:59 Hrs of Midnight

Liability Policy Period: From Date & Time 25/04/2024 17:07 Hrs To Date & Time 24/04/2025 23:59 Hrs of Midnight

A. OWN DAMAGE		B. LIABILITY	
OD TOTAL	786.00	BASIC TP COVER	4487.00
TOTAL PREMIUM	5323.00	ADD :Legal Liability Coverages For Paid Driver	50.00
ADD : IGST 18.00%	958.00	TP TOTAL	4537.00
PREMIUM AMOUNT	6281.00		

The above Total OD Premium is inclusive of all applicable Loading/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, Driver Tuition, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
ADD-ONS:- ROAD SIDE ASSISTANCE(IR DAN137RP0018V01200809/A0002V01202021)

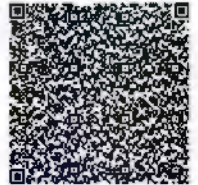
CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPA Valid From: N.A., CPA Valid To: N.A.  
Deductibles under Section-I : Compulsory Deductible Rs.500 , Theft Excess Rs.25000  
Subject to IMT Endorsement Printed herein/attached to : IMT-23, IMT-40, IMT-21.

Hypothecation Agreement with:  
Hire Purchase/Lease Agreement with:

Limit of Liability :

Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.  
Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000  
P.A. Cover under Section III for Owner - Driver (CSI) : Rs. 0

Pre-Inspection Survey: Dented Part : N.A,Broken Part : N.A, Scratched Part : N.A ,Claim not payable for : N.A  
Preinspection Report: Not Applicable



PLACE : GURGAON

We will contact you through phone,e-mail, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mail for the same on dnd@shriramgi.com  
Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023  
Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA, JAIPUR, RAJASTHAN, 302022  
For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website "www.shriramgi.com" Validity of policy is subject to KYC verification.

For and on behalf of

Shriram General Insurance Co.Ltd.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

*Ranjay*

Authorized Signatory

Page 1 of 2

All the Amounts mentioned in this policy are in Indian Rupees  
GSTIN No. 06AAKCS2589K1Z7

CIN NO.U66010RJ2006PLC029979

**SHRIRAM GENERAL INSURANCE COMPANY LIMITED**

E-8,EPIP,SITAPURA INDUSTRIAL AREA,JAIPUR,  
RAJASTHAN-302022

CONTACT(TOLL FREE): 1800 - 30030000, 1800 - 1033009

JV-130

**CERTIFICATE CUM POLICY SCHEDULE**

PCCV-3 wheelers-carrying passengers-capacity NOT > 6 - Zone B  
MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -  
UIN No.IRDAN137RP0018V01200809 - SAC Code: 997134

CIN NO. U66010RJ2006PLC029979

Branch Address	SCF-P-29, Sector-14 1st floor Gurgaon Haryana,-GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002	Branch Office Phone No.	7412079612, & 7412079613			
Geographical Area	INDIA	Policy No.	102015/31/25/001694			
Insured's Code/ Name	IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.	GSTIN No. Of Insured	20AABCR2993R1ZX			
Insured Address	HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101, ARGADA, HAZARIBAG, JHARKHAND - 829101					
Insured State Code	20	NCB Discount (%)	0			
Executive	HIMANSHU - NAN000001404	Period of Insurance	From 16:49 Hrs of 25/04/2024 To Midnight Of 24/04/2025			
Agent Details	SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Mobile No.-9330167449- Toll/Phone No.N.A					
PAN No.	N.A					
Prop No. - TR No.	N.A - N.A	Prop Issue Date	N.A			
Gross Premium	5323	IGST	958			
CGST	0	SGST /UTGST	0			
Previous Insurer	N.A.	Total	6281			
Previous Policy No.	N.A	Nominee for Owner/Driver	N.A			
Nominee Age	N.A	Nominee Relationship	N.A			
Appointee Name	N.A	Appointee Relationship	N.A			
REGISTRATION MARK & PLACE	ENGINE NO. & CHASSIS NO.	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBIC CAPACITY / WATT/YEAR OF MANF.	DATE OF REGN. / DELIVERY	SEAT CAP. (INCL. DRIVER)
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY)	1174 & M71MAMND24D000216	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1

Battery Number	28933,90776,89985,85841	Motor Number	1174
IDV FOR THE VEHICLE	77000.00	NON ELECTRICAL ACCESSORIES	0
IDV FOR TRAILER	0	ELECTRICAL ACCESSORIES	0
CNG/LPG kit SI	0	TOTAL VALUE	77000.00

Own Damage Policy Period				Liability Policy Period			
From Date & Time	25/04/2024 16:49 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight	From Date & Time	25/04/2024 16:49 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight

SCHEDULE OF PREMIUM	
<b>A. OWN DAMAGE</b>	<b>B. LIABILITY</b>
OD TOTAL	786.00
TOTAL PREMIUM	5323.00
ADD : IGST 18.00%	958.00
PREMIUM AMOUNT	6281.00
BASIC TP COVER	4487.00
ADD :Legal Liability Coverages For Paid Driver	50.00
TP TOTAL	4537.00

The above Total OD Premium is inclusive of all applicable Loading/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, Driver Tuition, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
ADD-ONS:- ROAD SIDE ASSISTANCE(IR DAN137RP0018V01200809/A0002V01202021)

CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPA Valid From: N.A., CPA Valid To: N.A.  
Deductibles under Section-I : Compulsory Deductible Rs.500 , Theft Excess Rs.25000  
Subject to IMT Endorsement Printed herein/attached to : IMT-23, IMT-40, IMT-21.

Hypothecation Agreement with:  
Hire Purchase/Lease Agreement with:  
Limit of Liability:

Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.  
Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Ps. 750000  
P.A. Cover under Section III for Owner - Driver (CSI) : Rs. 0  
Preinspection Survey: Dented Part : N.A, Broken Part : N.A, Scratched Part : N.A ,Claim not payable for : N.A  
Preinspection Report: Not Applicable



PLACE : GURGAON

We will contact you through phone,e-mail, letters, registered AD, sma, etc for renewals before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mell for the same on dnd@shriramgi.com  
Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023  
Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA, JAIPUR, RAJASTHAN, 302022  
For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website "www.shriramgi.com" Validity of policy is subject to KYC verification.

For and on behalf of  
Shriram General Insurance Co.Ltd.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

*Ranvijay*  
Authorized Signatory

All the Amounts mentioned in this policy are in Indian Rupees  
GSTIN No. 06AAKCS2509K127

**SHRIRAM GENERAL INSURANCE COMPANY LIMITED**

E-8, EPIP, SITAPURA INDUSTRIAL AREA, JAIPUR,  
RAJASTHAN-302022  
CONTACT(TOLL FREE): 1800 - 30030000, 1800 - 1033009

**CERTIFICATE CUM POLICY SCHEDULE**

PCCV-3 wheelers-carrying passengers-capacity NOT > 6 - Zone B  
MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -  
UIN No.IRDAN137RP0018V01200809 - SAC Code: 997134

JV-129

Branch Address	SCF-P-29, Sector-14 1st floor Gurgaon Haryana, -GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002	Branch Office Phone No.	7412079612 & 7412079613			
Geographical Area	INDIA	Policy No.	102015/31/25/001690			
Insured's Code/ Name	IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.	GSTIN No. Of Insured	20AABCR2993R1ZX			
Insured Address	HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101, ARGADA, HAZARIBAG, JHARKHAND - 829101					
Insured State Code	20	NCB Discount (%)	0			
Executive	HIMANSHU - NAN000001404	Period of Insurance	From 16:41 Hrs of 25/04/2024 To Midnight Of 24/04/2025			
Agent Details	SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Mobile No.-9330167449- Toll/Phone No.N.A					
PAN No.	N.A					
Prop No. - TR No.	N.A - N.A	Prop Issue Date	N.A			
Gross Premium	5323	IGST	958			
CGST	0	SGST/UTGST	0			
Previous Insurer	N.A.	Total	6281			
Previous Policy No.	N.A	Nominee for Owner/Driver	N.A			
Nominee Age	N.A	Nominee Relationship	N.A			
Appointee Name	N.A	Appointee Relationship	N.A			
REGISTRATION MARK & PLACE	ENGINE NO. & CHASSIS NO.	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBIC CAPACITY / WATT/YEAR OF MANF.	DATE OF REGN. / DELIVERY	SEAT CAP. (INCL. DRIVER)
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY)	1175 & M71MAMND24D000217	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1

Battery Number	34841,78841,38950,79952	Motor Number	1175
IDV FOR THE VEHICLE	77000.00	NON ELECTRICAL ACCESSORIES	0
IDV FOR TRAILER	0	ELECTRICAL ACCESSORIES	0
		CNG/LPG kit SI	0
		TOTAL VALUE	77000.00
Own Damage Policy Period		Liability Policy Period	
From Date & Time	25/04/2024 16:41 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight
From Date & Time	25/04/2024 16:41 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight

A. OWN DAMAGE		B. LIABILITY	
OD TOTAL	786.00	BASIC TP COVER	4487.00
TOTAL PREMIUM	5323.00	ADD : Legal Liability Coverages For Paid Driver	50.00
ADD : IGST 18.00%	958.00	TP TOTAL	4537.00
PREMIUM AMOUNT	6281.00		

The above Total OD Premium is inclusive of all applicable Loading/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, Driver Tuition, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
ADD-ONS:- ROAD SIDE ASSISTANCE(IR.DAN137RP0018V01200809/A0002V01202021)

CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPA Valid From: N.A., CPA Valid To: N.A.  
Deductibles under Section-I : Compulsory Deductible Rs.500 , Theft Excess Rs.25000  
Subject to IMT Endorsement Printed herein/attached to : IMT-23, IMT-40, IMT-21.

Hypothecation Agreement with:  
Hire Purchase/Lease Agreement with:

Limit of Liability:

Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.  
Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000  
P.A. Cover under Section III for Owner - Driver (CS1) : Rs. 0

Pre-Inspection Survey: Dented Part : N.A, Broken Part : N.A, Scratched Part : N.A , Claim not payable for : N.A  
Preinspection Report: Not Applicable



FLACE : GURGAON

We will contact you through phone, e-mail, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mail for the same on dnd@shriramgi.com

Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023  
Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA, JAIPUR, RAJASTHAN, 302022  
For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website "www.shriramgi.com" Validity of policy is subject to KYC verification.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

For and on behalf of

Shriram General Insurance Co.Ltd.

*Rajiv*

Authorized Signatory

Page 1 of 2

All the Amounts mentioned in this policy are in Indian Rupees  
GSTIN No. 06AAKCS2509K127

CIN NO. U66010RJ2006PLC029979



# SHIRAM GENERAL INSURANCE COMPANY LIMITED

E-8,EPIP,SITAPURA INDUSTRIAL AREA,JAIPUR,  
RAJASTHAN-302022  
CONTACT(TOLL FREE): 1800 - 30030000, 1800 - 1033009

JV-128

## CERTIFICATE CUM POLICY SCHEDULE

PCCV-3 wheelers-carrying passengers-capacity NOT > 6 - Zone B  
MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -  
LNN No.IRDAN137RP0018V01200809 - SAC Code: 997134

CIN NO.U66010RJ2006PLC029979

Branch Address	SCF-P-29, Sector-14 1st floor Gurgaon Haryana, -GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002	Branch Office Phone No.	7412079612 & 7412079613			
Geographical Area	INDIA	Policy No.	102015/31/25/001689			
Insured's Code/ Name	IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.	GSTIN No. Of Insured	20AABCR2993R1ZX			
Insured Address	HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101 , ARGADA , HAZARIBAG, JHARKHAND - 829101					
Insured State Code	20	NCB Discount (%)	0			
Executive	HIMANSHU - NAN000001404	Period of Insurance	From 16:32 Hrs of 25/04/2024 To Midnight Of 24/04/2025			
Agent Details	SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Mobile No.-9330167449- TollyPhone No.N.A					
PAN No.	N.A					
Prop No. - TR No.	N.A - N.A					
Gross Premium	5323	Prop Issue Date	N.A			
CGST	0	IGST	958			
Previous Insurer	N.A.	SGST/UTGST	0			
Previous Policy No.	N.A	Total	6281			
Nominee Age	N.A	Nominee for Owner/Driver	N.A			
Appointee Name	N.A	Nominee Relationship	N.A			
REGISTRATION MARK & PLACE	ENGINE NO. & CHASSIS NO.	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBIC CAPACITY / WATY/YEAR OF MANF.	DATE OF REGN. / DELIVERY	SEAT CAP. (INCL. DRIVER)
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY	1028 & M71MAMND24D000222	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1

INDV FOR THE VEHICLE	Battery Number	38668,43525,65554,43667	Motor Number	1028	TOTAL VALUE		
77000.00	INDV FOR TRAILER	NON ELECTRICAL ACCESSORIES	ELECTRICAL ACCESSORIES	CNG/LPG kit SI			
0	0	0	0	0	77000.00		
Own Damage Policy Period			Liability Policy Period				
From Date & Time	25/04/2024 16:32 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight	From Date & Time	25/04/2024 16:32 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight
A. OWN DAMAGE				B. LIABILITY			
OD TOTAL				BASIC TP COVER			
786.00				4487.00			
TOTAL PREMIUM				ADD :Legal Liability Coverages For Paid Driver			
5323.00				50.00			
ADD : IGST 18.00%				TP TOTAL			
958.00				4537.00			
PREMIUM AMOUNT							
6281.00							

The above Total OD Premium is inclusive of all applicable Loading/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, Driver Tuition, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
ADD-ONS:- ROAD SIDE ASSISTANCE(IR DAN137RP0018V01200809/A0002V01202021)

CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPA Valid From: N.A., CPA Valid To: N.A.

Deductibles under Section-I : Compulsory Deductible Rs.500 , Theft Excess Rs.25000

Subject to IMT Endorsement Printed herein/attached to : IMT-23, IMT-40, IMT-21.

Hypothecation Agreement with:

Hire Purchase/Lease Agreement with:

Limit of Liability :

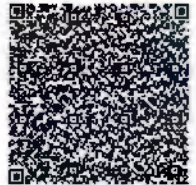
Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.

Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000

P.A. Cover under Section III for Owner - Driver (CSI) : Rs.0

Preinspection Survey: Dented Part : N.A, Broken Part : N.A, Scratched Part : N.A ,Claim not payable for : N.A

Preinspection Report: Not Applicable



PLACE : GURGAON

We will contact you through phone, e-mail, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mail for the same on dnd@shriramgi.com

Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023

Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA, JAIPUR, RAJASTHAN, 302022

For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website

"www.shriramgi.com" Validity of policy is subject to KYC verification.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

All the Amounts mentioned in this policy are in Indian Rupees  
GSTIN No. 06AAKCS2509K1Z7

For and on behalf of

Shriram General Insurance Co.Ltd.

*Rajiv*

Authorized Signatory

Page 1 of 2

## CERTIFICATE CUM POLICY SCHEDULE

PCCV-3 wheelers-carrying passengers-capacity NOT > 8 - Zone B  
MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY)-  
LHN No.IRDAN137RP0018V01200809 - SAC Code: 997134

JU-127

CIN NO.U66010RJ2006PLC029979

Branch Address	SCF-P-29, Sector-14 1st floor Gurgaon Haryana,-GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002	Branch Office Phone No.	7412079612 & 7412079613			
Geographical Area	INDIA	Policy No.	102015/31/25/001688			
Insured's Code/ Name	IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.	GSTIN No. Of Insured	20AABCR2993R1ZX			
Insured Address	HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101, ARGADA, HAZARIBAG, JHARKHAND - 829101					
Insured State Code	20	NCB Discount (%)	0			
Executive	HIMANSHU - NAN000001404	Period of Insurance	From 16:25 Hrs of 25/04/2024 To Midnight Of 24/04/2025			
Agent Details	SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Moblie No.-9330167449- Toll/Phone No.N.A					
PAN No.	N.A					
Prop No. - TR No.	N.A - N.A	Prop Issue Date	N.A			
Gross Premium	5323	IGST	958			
CGST	0	SGST/UTGST	0			
Previous Insurer	N.A.	Total	6281			
Previous Policy No.	N.A	Nominee for Owner/Driver	N.A			
Nominee Age	N.A	Nominee Relationship	N.A			
Appointee Name	N.A	Appointee Relationship	N.A			
REGISTRATION MARK & PLACE	ENGINE NO. & CHASSIS NO.	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBIC CAPACITY / WATT/YEAR OF MANF.	DATE OF REGN. / DELIVERY	SEAT CAP. (INCL. DRIVER)
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY)	1026 & M71MAMND24D000221	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1

Battery Number	38670,43665,38663,38664	Motor Number	1026
IDV FOR THE VEHICLE	77000.00	NON ELECTRICAL ACCESSORIES	0
IDV FOR TRAILER	0	ELECTRICAL ACCESSORIES	0
		CNG/LPG kit SI	0
		TOTAL VALUE	77000.00
Own Damage Policy Period		Liability Policy Period	
From Date & Time	25/04/2024 16:25 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight
		From Date & Time	25/04/2024 16:25 Hrs
		To Date & Time	24/04/2025 23:59 Hrs of Midnight

A. OWN DAMAGE		B. LIABILITY	
OD TOTAL	786.00	BASIC TP COVER	4487.00
TOTAL PREMIUM	5323.00	ADD :Legal Liability Coverages For Paid Driver	50.00
ADD : IGST 18.00%	958.00	TP TOTAL	4537.00
PREMIUM AMOUNT	6281.00		

The above Total OD Premium is inclusive of all applicable Loading/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, Driver Tuition, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
ADD-ONS:- ROAD SIDE ASSISTANCE(IR DAN137RP0018V01200809/A0002V01202021)

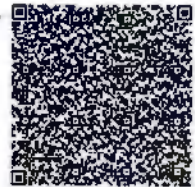
CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPA Valid From: N.A., CPA Valid To: N.A.  
Deductibles under Section-I : Compulsory Deductible Rs.500 , Theft Excess Rs.25000  
Subject to IMT Endorsement Printed herein/attached to : IMT-23, IMT-40, IMT-21.

Hypothecation Agreement with:  
Hire Purchase/Lease Agreement with:

Limit of Liability :

Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.  
Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000  
P.A. Cover under Section III for Owner - Driver (CSI) : Rs. 0

Preinspection Survey: Dented Part : N.A.,Broken Part : N.A, Scratched Part : N.A ,Claim not payable for : N.A  
Preinspection Report: Not Applicable



PLACE : GURGAON

We will contact you through phone,e-mail, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mail for the same on dnd@shriramgi.com

Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023  
Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA, JAIPUR, RAJASTHAN, 302022  
For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website "www.shriramgi.com" Validity of policy is subject to KYC verification.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

All the Amounts mentioned in this policy are in Indian Rupees  
GSTIN No. 06AAKCS2509K1Z7

For and on behalf of

Shriram General Insurance Co.Ltd.

*Rajiv*

Authorized Signatory

Page 1 of 2



## CERTIFICATE CUM POLICY SCHEDULE

PCCV-3 wheelers-carrying passengers-capacity NOT > 8 - Zone B  
MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -  
UIN No.IRDAN137RP0018V01200809 - SAC Code: 997134

20-126

CIN NO.U66010RJ2008PLC029979

Branch Address	SCF-P-29, Sector-14 1st floor Gurgaon Haryana, -GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002	Branch Office Phone No.	7412079612 & 7412079613			
Geographical Area	INDIA	Policy No.	102015/31/25/001687			
Insured's Code/ Name	IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.	GSTIN No. Of Insured	20AABCR2993R1ZX			
Insured Address	HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101, ARGADA, HAZARISAG, JHARKHAND - 829101					
Insured State Code	20	NCB Discount (%)	0			
Executive	HIMANSHU - NAN000001404	Period of Insurance	From 16:19 Hrs of 25/04/2024 To Midnight Of 24/04/2025			
Agent Details	SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Mobile No.-9330167449- Toll/Phone No.N.A					
PAN No.	N.A					
Prop No. - TR No.	N.A - N.A					
Prop Issue Date	N.A					
Gross Premium	5323	IGST	958			
CGST	0	SGST/UTGST	0			
Previous Insurer	N.A.	Total	6281			
Previous Policy No.	N.A	Nominee for Owner/Driver	N.A			
Nominee Age	N.A	Nominee Relationship	N.A			
Appointee Name	N.A	Appointee Relationship	N.A			
REGISTRATION MARK & PLACE	ENGINE NO. & CHASSIS NO.	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBIC CAPACITY / WATT/YEAR OF MANF.	DATE OF REGN. / DELIVERY	SEAT CAP. (INCL. DRIVER)
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY)	1025 & M71MAMND24D000215	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1

Battery Number	38660,38856,34520,32322	Motor Number	1025
NON ELECTRICAL ACCESSORIES		ELECTRICAL ACCESSORIES	
77000.00	0	0	0
Own Damage Policy Period		Liability Policy Period	
From Date & Time	25/04/2024 16:19 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight
From Date & Time	25/04/2024 16:19 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight
<b>SCHEDULE OF PREMIUM</b>			
<b>A. OWN DAMAGE</b>		<b>B. LIABILITY</b>	
OD TOTAL	786.00	BASIC TP COVER	4487.00
TOTAL PREMIUM	5323.00	ADD :Legal Liability Coverages For Paid Driver	50.00
ADD : IGST 18.00%	958.00	TP TOTAL	4537.00
PREMIUM AMOUNT	6281.00		

The above Total OD Premium is inclusive of all applicable Loading/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, Driver Tution, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
ADD-ONS:- RDAD SIDE ASSISTANCE(IR DAN137RP0018V01200809/A0002V01202021)

CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPA Valid From: N.A., CPA Valid To: N.A.

Deductibles under Section-I : Compulsory Deductible Rs.500 , Theft Excess Rs.25000  
Subject to IMT Endorsement Printed herein/attached to : IMT-23, IMT-40, IMT-21.

**Hypothecation Agreement with:**  
**Hire Purchase/Lease Agreement with:**  
**Limit of Liability :**

Under Section II-1(i) in respect of any one accident: as per Motor Vehicles Act, 1988.  
Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000  
P.A. Cover under Section III for Owner - Driver (CS1) : Rs. 0

**Pre-Inspection Survey:** Dented Part : N.A, Broken Part : N.A, Scratched Part : N.A , Claim not payable for : N.A  
Pre-Inspection Report: Not Applicable



PLACE : GURGAON

We will contact you through phone, e-mail, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mail for the same on dnd@shriramgl.com

Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023  
Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA, JAIPUR, RAJASTHAN, 302022  
For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website "www.shriramgl.com" Validity of policy is subject to KYC verification.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

All the Amounts mentioned in this policy are in Indian Rupees  
GSTIN No. 06AAKCS2509K127

For and on behalf of

Shriram General Insurance Co. Ltd.

Authorized Signatory

Page 1 of 2

JV-125

**CERTIFICATE CUM POLICY SCHEDULE**

PCCV-3 wheelers-carrying passengers-capacity NOT > 6 - Zone B  
 MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY)-  
 UIN No.IRDAN137RP0018V01200809 - SAC Code: 897134

LIN NO.U66010RJ2006PLC029979

<b>Branch Address</b>	SCF-P-29, Sector-14 1st floor Gurgaon Haryana,-GURGAON (HR.)- 122002, GURGAON, HARYANA - 122002	<b>Branch Office Phone No.</b>	7412079612 ,& 7412079613			
<b>Geographical Area</b>	INDIA	<b>Policy No.</b>	102015/31/25/001686			
<b>Insured's Code/ Name</b>	IN-33067442 / M/S JHARKHAND ISPAT PVT. LTD.	<b>GSTIN No. Of Insured</b>	20AABCR2993R1ZX			
<b>Insured Address</b>	HESLA, ARGADA, ARGADA, RAMGARH, JHARKHAND, 829101, ARGADA, HAZARIBAG, JHARKHAND - 829101					
<b>Insured State Code</b>	20	<b>NCB Discount (%)</b>	0			
<b>Executive</b>	HIMANSHU - NAN000001404	<b>Period of Insurance</b>	From 16:09 Hrs of 25/04/2024 To Midnight Of 24/04/2025			
<b>Agent Details</b>	SAVEFIN INSURANCE BROKERS PVT. LTD. - LCN000000070- Mobile No.-9330167449- Toll/Phone No.N.A					
<b>PAN No.</b>	N.A					
<b>Prop No. - TR No.</b>	N.A - N.A					
<b>Gross Premium</b>	5323	<b>IGST</b>	958			
<b>CGST</b>	0	<b>SGST/UTGST</b>	0			
<b>Previous Insurer</b>	N.A.	<b>Total</b>	6281			
<b>Previous Policy No.</b>	N.A	<b>Nominee for Owner/Driver</b>	N.A			
<b>Nominee Age</b>	N.A	<b>Nominee Relationship</b>	N.A			
<b>Appointee Name</b>	N.A					
<b>REGISTRATION MARK &amp; PLACE</b>	<b>ENGINE NO. &amp; CHASSIS NO.</b>	<b>MAKE - MODEL</b>	<b>TYPE OF BODY / FUEL TYPE</b>	<b>CUBIC CAPACITY / WATT/YEAR OF MANF.</b>	<b>DATE OF REGN. / DELIVERY</b>	<b>SEAT CAP. (INCL. DRIVER)</b>
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY)	1027 & M71MAMND24D000219	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 900.00 / 2024	25/04/2024	4 + 1

<b>IDV FOR THE VEHICLE</b>	<b>Battery Number</b>	43867,38657,21169,43672	<b>Motor Number</b>	1027	<b>CNG/LPG kft SI</b>	<b>TOYAL VALUE</b>
77000.00	<b>IDV FOR TRAILER</b>	0	<b>NON ELECTRICAL ACCESSORIES</b>	0	<b>ELECTRICAL ACCESSORIES</b>	0
						77000.00

<b>Own Damage Policy Period</b>				<b>Liability Policy Period</b>			
From Date & Time	25/04/2024 16:09 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight	From Date & Time	25/04/2024 16:09 Hrs	To Date & Time	24/04/2025 23:59 Hrs of Midnight

<b>A. OWN DAMAGE</b>		<b>B. LIABILITY</b>	
<b>OD TOTAL</b>	786.00	<b>BASIC TP COVER</b>	4487.00
<b>TOTAL PREMIUM</b>	5323.00	<b>ADD :Legal Liability Coverages For Paid Driver</b>	50.00
<b>ADD : IGST 18.00%</b>	958.00	<b>TP TOTAL</b>	4537.00
<b>PREMIUM AMOUNT</b>	6281.00		

The above Total OD Premium Is inclusive of all applicable Loading/Discounts viz ( Automobile Association, Voluntary Excess, Anti-Theft, Hendicap Person, Driver Tuition, Fibre Glass,CNG/LPG Unit, Geographical Extn, Imported Vehicle etc. wherever applicable ).  
 ADD-ONS:- ROAD SIDE ASSISTANCE(IR DAN137RP0018V01200809/A0002V01202021)

CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPA Valid From: N.A., CPA Valid To: N.A.  
 Deductibles under Section-I : Compulsory Deductible Rs.500 , Theft Excess Rs.25000  
 Subject to IMT Endorsement Printed herein/attached to : IMT-23, IMT-40, IMT-21.

Hypothecation Agreement with:  
Hire Purchase/Lease Agreement with:

Limit of Liability :  
 Under Section II-1(i) In respect of any one accident: as per Motor Vehicles Act, 1988.  
 Under Section II-1(ii) in respect of any one claim or series of claims arising out of one event is Rs. 750000  
 P.A. Cover under Section III for Owner - Driver (CSI) : Rs.0  
Preinspection Survey: Dented Part : N.A,Broken Part : N.A, Scratched Part : N.A ,Claim not payable for : N.A  
 Preinspection Report: Not Applicable



PLACE : GURGAON

For and on behalf of

We will contact you through phone,e-mail, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not want us to contact you, kindly send an e-mail for the same on dnd@shriramgi.com  
 Consolidated Stamp Duty paid vide order No. P7(77)Gen/2023/4956 dated 20/07/2023  
 Policy Issuing office - E-8, EPIP, RIICO INDUSTRIAL AREA, SITAPURA ,JAIPUR, RAJASTHAN, 302022  
 For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website "www.shriramgi.com" Validity of policy is subject to KYC verification.

Shriram General Insurance Co.Ltd.

Note :- Claim intimation after 48 hours will be considered as delayed intimation.

*Rajiv*

Authorized Signatory

All the Amounts mentioned in this policy are in Indian Rupees  
 GSTIN No. 06AAKCS2509K127

**Eight (8) numbers of E-Rickshaw (4-seater, Make: Mac Auto) with charger for public transport in village Argada, Phulsarai, Maraar & Barkakana distribution on 13/08/2024**











खट्टी-मिठी यादे रामगढ़ शहर के कई परिवारों के बीच आज भी ताजा है। लोग बंटवारे को याद करते हैं तो उनके

पंजाब प्रांत में था। उन्होंने कहा कि हाई सेकेंड्री में उनके पापा पूरे पाकिस्तान पंजाब प्रांत में टॉप हुए थे।

मां और उनके पिता भी पाकिस्तान के तक्षशिला में रहते थे। वहां से वे सीधे कोलकाता पहुंचे।

## संत कोलंबा में गोष्ठी का आयोजन

हजारीबाग। संत कोलंबो कॉलेज के मुख्य छात्रावास के विद्यार्थियों की ओर से चलाए जा रहे सात दिवसीय स्वच्छता पौधारोपण एवं परिसर सौंदर्यकरण अभियान के छठे दिन मंगलवार को एक संगोष्ठी का आयोजन किया गया।

मौके पर कॉलेज के राजनीतिक विज्ञान के विभागाध्यक्ष डॉ अशोक राम मुख्य मार्गदर्शन ने भारतीय संविधान की महत्ता एवं भारतीय, सामाजिक, राजनीतिक क्षेत्र में इसके प्रभाव की विवेचना की। उन्होंने कहा कि भारतीय संविधान भारत के सांस्कृतिक राजनीतिक मूल्यों का प्रतीक है। यह जीवंत मानवीय एवं प्रतिवादी स्वरूप का है।

भारत का संविधान, भारत के लौकिक जगत की गीता है। इसी के आधार पर हमारा भारत सर्व धर्म समभाव के साथ-साथ लोकतांत्रिक गणराज्य है। जिसमें सभी व्यक्तियों की क्षमता, स्वतंत्रता, न्याय और व्यक्ति की गरिमा की रक्षा हो रहा है। अध्यक्षता कर रहे छात्रावास अधीक्षक डॉ राजकुमार चौबे ने की। धन्यवाद ज्ञापन छात्रावास के प्रीफेक्ट विशाल कुमार मिश्र ने किया। कार्यक्रम में सचिन जायसवाल हर्ष कुमार शिव कुमार रंजन कुमार अंशु कुमार आदि मौजूद थे।

## ग्रामीणों के बीच ट्रैक्टर और ई-रिक्शा का किया वितरण



सिरका के हेसला प्लांट में मंगलवार को ट्रैक्टर की चाबी देते मुख्य अतिथि।

रामगढ़, निज प्रतिनिधि। आरसी रूंगटा समूह की कम्पनी झारखंड इस्पात प्राइवेट लिमिटेड हेसला ने मंगलवार को ग्रामीणों के बीच ट्रैक्टर और ई-रिक्शा का वितरण किया। कॉरपोरेट सामाजिक उत्तरदायित्व के तहत एक सादा समारोह आयोजित कर ग्रामीणों के बीच ट्रैक्टर और ई रिक्शा वितरण किया गया।

बतौर मुख्य अतिथि झारखंड इस्पात फैक्टरी के संचालक रामचंद्र रूंगटा के बड़े भाई रामस्वरूप रूंगटा व विशिष्ट अतिथि तिवारी महतो, आनन्द बेदिया, गोपाल मुंडा, शंकर मिश्रा, विनोद तिवारी, छोटन मुंडा और शनियारो बारला उपस्थित थे। कार्यक्रम की अध्यक्षता डीके पांडेय और संचालन

आरसी शर्मा ने किया। कार्यक्रम में झारखंड इस्पात प्राइवेट लिमिटेड की ओर से प्लांट के आस पास गांव के 10 ग्रामीणों को चिह्नित कर 2 ग्रामीण को ट्रैक्टर और 8 ग्रामीण को ई रिक्शा दिया गया। मौके पर फैक्टरी ऑनर रामचंद्र रूंगटा ने कहा कि फैक्टरी प्रबंधन सीएसआर के तहत आसपास के ग्रामीणों के विकास के लिए हर सम्भव कार्य कर रहा है। इससे पहले कृषि उपकरण का वितरण किया गया। इसके अलावा शिक्षा के क्षेत्र में बेहतर करने वाले छात्र छात्राओं को पढ़ने की व्यवस्था और स्कॉलरशिप देने की योजना पर काम चल रहा है। मौके पर प्लांट के ऑनर रामचंद्र रूंगटा, मनोज रूंगटा, बमबम झा, मानवेन्द्र चौबे आदि मौजूद थे।

एजल प्रतिष्ठित स्थत मार सह, व्यक्ष श, वक्ता आन वताया कि स्वतंत्रता दिवस पर पूरे प्रदेश में विधानसभा स्तरीय तिरंगा यात्रा मोटरसाइकिल जुलूस के रूप में निकल जानी थी। उसी के अनुरूप भाजपा युवा मोर्चा ने पतरातू प्रखंड क्षेत्र में तिरंगा यात्रा मोटरसाइकिल जुलूस निकाली गई।

का शव बरामद किया। बरा तीन चार दिन पुराना बताया जा शव को शीत गृह हजारीबाग में जहां तीन दिनों तक शव को के लिए रखा जाएगा। पुलिस ने से अथेड़ व्यक्ति की मौत संभावना व्यक्त की है।

## ट्रैक्टर को रेहर्सल परेड का निरीक्षण



का निरीक्षण करते डीसी-एसपी।

लेकर अंतिम चरण की तैयारियों की जानकारी लेते हुए कार्यक्रम के प्रव्य व

सिदो-कान्हू मैदान में 9:05 में होगा ध्वजरोह स्वतंत्रता दिवस पर सिदो कान्हू में सुबह 9:05 बजे झंडोतोलन ह डीसी कार्यालय में सुबह 10 बजे, पुलिस अधीक्षक कार्यालय में सुबह 10:05 बजे, डीडीसी कार्यालय में सुबह 10:10 बजे, अनुमंडल कार्यालय में प्रातः 10:50 बजे अनुमंडल पुलिस पदाधिकारी कार्यालय में सुबह 10:55 बजे एवं पुलिस ल रामगढ़ में सुबह 11:10 बजे झंडा फहराया जाएगा। इस दौरान जिला स्तरीय अधिकारी मौजूद रहेंगे।

## चहारदीवारी और सड़क निर्माण की मिली स्वीकृति

रांची। झारखंड राज्य आवास बोर्ड के निदेशक मंडल की 73वीं बैठक मंगलवार को हुई। इसमें अहम फैसले लिए गए। हजारीबाग की सारले आवासीय कॉलोनी की खाली जमीन पर चहारदीवारी निर्माण और पीसीसी रोड निर्माण के लिए क्रमशः 14.72 लाख और 10.70 लाख रुपए की शासनिक स्वीकृति दी गई। कॉलोनी के नवनिर्मित कार्यालय में निरीक्षण भवन एवं आवासीय कॉम्प्लेक्स के चहारदीवारी निर्माण के लिए 50.07 लाख रुपए की शासनिक स्वीकृति मिली। वहीं, कॉलोनी में 16 नवनिर्मित फ्लैटों व अन्य संपत्तियों की सुरक्षा के लिए 4.30 लाख रुपए की प्रशासनिक स्वीकृति दी गई।

## जले में 5 पुलिस अधिकारियों का

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निःशुल्क परामर्श

8867731100

परामर्श हेतु कौन दम्पति सम्पर्क कर सकते हैं?

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लोग उसे बेहतरा का स्थान में रिम्स ला गये थे, वहाँ पर जन्म तक इलाज के बाद भी उसका जान नहीं बच सकी। मंगलवार को शव का अंतिम संस्कार किया गया।

### ई रिक्शा व ट्रैक्टरों का किया गया वितरण



रामगढ़. आरसी रूंगटा समूह के कंपनी मेसर्स झारखंड इस्पात प्राइवेट लिमिटेड ने ग्रामीणों के बीच मंगलवार को आठ ई रिक्शा व दो ट्रैक्टरों का वितरण किया। कंपनी के मालिक रामस्वरूप रूंगटा व रामचंद्र रूंगटा ने बताया कि रूंगटा समूह सामाजिक दायित्व को बेहतर समझता है। समय-समय पर सीएसआर के तहत कंपनी ग्रामीणों के हित में कार्य करती है। इससे बेरोजगार युवाओं को रोजगार मिलेगा। उन्होंने कहा कि भविष्य में भी सामाजिक हित में कंपनी उतरदायित्व का लगातार निर्वाहन करेगी। मरार, हेसला, फुलसराय व बरकाकाना के बेरोजगार युवकों को ई रिक्शा दी गयी। मरार व हेसला नगर पंचायत को ट्रैक्टर दिये गये। मौके पर गोपाल मुंडा, शंकर मिश्रा, बिनोद तिवारी, शनियासे बारला, तिवारी महतो, आनंद बेदिया, छोटन मुंडा व डीके पांडेय, प्रकाश झा, आरपी शर्मा, मनोज कुमार मौजूद थे।

### सिरका में दुर्गा पूजा कमेटी की बैठक

गिद्दी (हजारीबाग). सिरका दुर्गा पूजा कमेटी बैठक मंगलवार को सिरका में हुई। इसकी अध्यक्षता खान प्रबंधक रमेश कुमार ने की। बैठक में दुर्गा पूजा धूमधाम से मनाने का निर्णय लिया गया। पूजा कमेटी का गठन किया गया। इसमें अध्यक्ष सिरका पीओ श्रीकांत शर्मा, उपाध्यक्ष खान प्रबंधक रमेश कुमार, सचिव सत्येंद्र महतो, सह सचिव शांता कुमार, कोषाध्यक्ष प्रशांत बेलथरिया, सह कोषाध्यक्ष हरविंदर महतो बनाये गये। संतोष सिंह, नागेश्वर महतो, संजय कुशावाहा, मनोज पाल, केसर महतो, कमरुद्दीन खान, मुस्ताफा खान, विजय सिंह, योगेश हजारी को कार्यकारिणी सदस्य के रूप में रखा गया है।

OPPOSITE GURUDWARA, MAIN ROAD,

प्रभात खबर  
**कला सिफाईड**  
जरूरत आपकी, माध्यम हमारा

### शपथ पत्र

#### AFFIDAVIT

I, Laxmi Kumari, D/o Raju Lohra, R/o Bhonda, P.O. - Guru P.Ss - Ratu, Ranchi. That in my Adhar Card My Name is written as Mamta kumari which is my Nick Name. My correct Name is Laxmi Kumari. Vide Affidavit No 126, Dated 20/06/2024. C-13405(RNC)

### ज्योतिष

#### ASTROLOGY

तुरंत समाधान सिद्ध मलिकजी गुहक्लेश, कारोबार, पढ़ाई, शादी बाधा, प्यार, सौतन दुश्मन, किया-कराया। छगनलाल मार्केट, कांटाटोली चौक, रांची. M-9304004951, 8298188110. C-11591(RNC)

### फाइनांस / लोन

#### FINANCE / LOAN

नेशनल मुद्रा फाइनंस (50000 - 3500000) प्रोपर्टी, बिजनेस मार्कशीट, हाउसिंग, दुकानदारी समस्त लोन करायें. (2% ब्याज) (35% सब्सिडी) Online सुविधा - 9465653569 C-2548(RNC)

### जमीन-जायदाद

#### REAL-ESTATE

Ready to Shift 2 BHK Semi Furnished Flat on Main Road Morabadi and Bariatu, Near RIMS is for Immediate Sale. Call 6206399099 C-13238(RNC)

ड्रीम सिटी रांची राजधानी में बनाएँ अपना घर सीएनटी प्री जमीन रातू बिजुलिया रेंडिफेशनब्लू फार्म हाउस बगल में. संपर्क 9122458625 C-RD-1284(RNC)

Ready to Shift 1600sq. ft 3 BHK Deluxe Flat in very Prominent Location with Car Parking Near Durga Mandir, Ratu Road, Ranchi is for Immediate Sale. Call 9431114342

### किराये पर

#### TO-LET

400 & 700sq.ft. Flat available on rent for office at Lake Road, Kishoreganj Chowk. Contact - 9431707142 / 9308073375. C-13327

### ट्यूशन

#### TUITION

Tutor Bureau for Class 1st to 12th and Engineering and Medical, Contact : 6202554755, 8294408576. https://hometutor.org.in/ C-12474(RNC)

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Branch - Khunti

**दुर्गा व काली पूजा मनाने का लिया निर्णय**  
उरीनारी. सयाल में पीट ऑफिस के समीप दुर्गा पूजा व काली पूजा समिति की बैठक हुई. अध्यक्षता वासुदेव साव ने की. बैठक में दोनों त्योहार धूमधाम से मनाने का निर्णय हुआ. कमेटी का चयन हुआ. इसमें अध्यक्ष पीओ सुबोध कुमार, सचिव शंकर सिंह व कोषाध्यक्ष सुधीर यादव चुने गये. तय हुआ कि कर्मचारी 22 सौ व अधिकारी 55 सौ रुपये का सहयोग करेंगे. बैठक में अशरत खान, तुषार भारद्वाज, अर्जुन सिंह, सदानंद सिंह, संजय शर्मा, रामविलास यादव, विनोद कुमार, सत्येंद्र

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CML-6408358

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 PIN.- 829 101

Ref. No.....**JIPL/164/2022-23**

Date.....  
**21.03.2023**

To,  
 The Divisional Forest Officer,  
 Ramgarh Division,  
 Dist. Ramgarh.  
 Jharkhand

**Sub: Regarding submission of Rs 6,10,000/- for conservation of fauna in Phulsarai Protected Forest to the District Forest Office under Corporate Environment Responsibility (CER).**

Ref.:- Environment Clearance letter No. J-11011/41/2013-1A-II(1) Dated 07/09/2022.

Dear Sir,

With reference to the above, MoEF&CC, New Delhi has been issued Environment Clearance to the Unit vide letter No J-11011/41/2013-1A-II(1) Dated 07/09/2022 (Copy enclosed). As per EC condition under CER for implementation of Remediation Plan in the first year, we have to submit Rs 6,10,000/- for conservation of fauna in Phulsarai Protected Forest to the District Forest Office.

Kindly give us proper direction for payment of Rs 6, 10,000/- in compliance of the direction.

Your early action on the matter is solicited.

Thanking you,

Yours faithfully,

For **JHARKHAND ISPAT PVT LTD**

*[Handwritten Signature]*  
 Authorized Signatory

Encl.:- As above.



कार्यालय:-वन प्रमंडल पदाधिकारी, रामगढ़ वन प्रमंडल, रामगढ़।

(रांची रोड नियर बी.आर.एल. गेट, पो0-मरार, जिला-रामगढ़ पिन-829117)

Email id - [dfo-ramgarh@gov.in](mailto:dfo-ramgarh@gov.in)

पत्रांक 602 / रामगढ़, दिनांक 29/03/23

सेवा में,

Jharkhand Ispat Private Limited  
Vill+Po-Hesla, Argada,  
Dist-Ramgarh (Jharkhand)  
Pin-829101

विषय :- Regarding submission of Rs.6,10,000/- for conservation of fauna in phulsarai protected forest to the district forest office under corporate environment responsibility (CER).

प्रसंग :- आपका पत्रांक-JIPL/164/2022-23 dt.21.03.23 एवं Environment clearance letter No. J-11011/41/2013-IA-II(I) dt.07.09.22

महाशय,

उपर्युक्त विषयक प्रसंगाधीन पत्र के आलोक में सूचित करना है कि झारखण्ड इस्पात प्रा0 लि0 इकाई को भारत सरकार, वन, पर्यावरण एवं जलवायु परिवर्तन मंत्रालय के पत्रांक-F.No.J-11011/41/2023-IA-II(I) dt.07.09.2022 द्वारा पर्यावरणी स्वीकृति में लगाये गये शर्तों के आलोक में औद्योगिक इकाई के आस-पास फुलसराय एवं अन्य क्षेत्रों में Biological Environment अन्तर्गत वन्यप्राणी संरक्षण हेतु राशि-6,10,000/- रुपये वन, पर्यावरण एवं जलवायु परिवर्तन विभाग को हस्तान्तरण किया जाना है।

अतः अनुरोध है कि कुल राशि रू. 6,10,000/- का चालान के माध्यम से कोषागार के वन प्रेषण लोक लेखा (प्राप्तियां) शीर्ष 8782 में जमा कराना सुनिश्चित करें।

आपका विश्वासी,

*Hitesh*  
29/3/23  
वन प्रमंडल पदाधिकारी,  
रामगढ़

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
**E-mail** : jiplramgarh@gmail.com



**WORKS :**  
Vill, & P.O. - Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No.....

O/C

Date.....

JIPL/169/2022-23

31.03.2023

To,  
The Divisional Forest Officer,  
Ramgarh Division,  
Dist. Ramgarh.  
Jharkhand

**Sub:** Regarding submission of e- Challan copy duly received by SBI, Ramgarh Branch of Rs 6,10,000/- for conservation of fauua in Phulsarai Protected Forest to the District Forest Office under Corporate Environment Responsibility (CER).

Ref:- 1) Our letter no JIPL/164/2022-23 dated 21/03/2023.  
2) DFO, Ramgarh letter no 602 dated 29/03/2023.

Dear Sir,

With reference to the above, please find enclosed herewith e- Challan copy duly received by SBI, Ramgarh Branch of Rs 6, 10,000/- bearing no J-175799624 dated 31/03/2023.



Please find above in order and oblige.

Thanking you,

Yours faithfully,  
For JHARKHAND ISPAT PVT LTD

*Punjab Nand jha*  
Authorized Signatory


Encl.:- As above.

e-Challan	
Finance Department, Government of Jharkhand	
Receiving Dept: Forest, Environment and Climate Change Department	
Valid Up To :-09/04/2023	Remitter's Copy of Dept
GRN:-2316468419	Date:- 31/03/2023 11:51:34
	
Receiving Office:- HZBFOR001-DIV. FOREST OFFICER-RAMGARH FOREST DIVISION, RAMGARH	
District:- Ramgarh	Deposit Treasury:- Ramgarh
Year:- 31/03/2023	to :- 31/03/2023
<b>Head(8782)</b>	<b>Amount ₹</b>
Head Details 878200103010101	
FOREST REMITTANCES	610000.00
<b>Net Payable Amount:- ₹</b>	<b>610000.00</b>
Six Lakh Ten Thousand Rupees And Zero Paise Only	
For Treasury Use Only(Ramgarh)	
Challan No and Date: 168 31/03/2023	
Identity Proof(GSTIN No.) - 20AABCR2993R1ZX	
PAN No.- NA	
Remitter Name:- JHARKHAND ISPAT PRIVATE LIMITED	
Address :- VILL HESLA PO HESLA ARGADA	
Remarks :- RAMGARH RAMGARH 829101	
	Deposit Work
Treasury Officer Signature is not required.	
<b>FOR USE IN TREASURY LINK BANK</b>	
CHEQUE/DD :- 366933/31.03.23	
Scroll No and (Date) :-	
Bank Name :-SBI,RAMGHAR,STATE BANK OF INDIA, RAMGARH CANTT	
Note:- Bank Official are requested to update the receipt Online before Stamping.	
Signature & Seal of Bank	

✂

Use seprate page : Cut from here

✂

e-Challan	
Finance Department, Government of Jharkhand	
Receiving Dept: Forest, Environment and Climate Change Department	
Valid Up To :-09/04/2023	Remitter's Copy
GRN:-2316468419	Date:- 31/03/2023 11:51:34
	
Receiving Office:- HZBFOR001-DIV. FOREST OFFICER-RAMGARH FOREST DIVISION, RAMGARH	
District :- Ramgarh	Deposit Treasury:- Ramgarh
Year:-31/03/2023	to:- 31/03/2023
<b>Head(8782)</b>	<b>Amount ₹</b>
Head Details 878200103010101	
FOREST REMITTANCES	610000.00
<b>Net Payable Amount:- ₹</b>	<b>610000.00</b>
Six Lakh Ten Thousand Rupees And Zero Paise Only	
For Treasury Use Only(Ramgarh)	
Challan No and Date: 168 31/03/2023	
Identity Proof(GSTIN No.) - 20AABCR2993R1ZX	
PAN No.- NA	
Remitter Name:- JHARKHAND ISPAT PRIVATE LIMITED	
Address :- VILL HESLA PO HESLA ARGADA	
Remarks :- RAMGARH RAMGARH 829101	
	Deposit Work
Treasury Officer Signature is not required.	
<b>FOR USE IN TREASURY LINK BANK</b>	
CHEQUE/DD :- 366933/31.03.23	
Scroll No and (Date) :-	
Bank Name :-SBI,RAMGHAR,STATE BANK OF INDIA, RAMGARH CANTT	
Note:- Bank Official are requested to update the receipt Online before Stamping.	
Signature & Seal of Bank	

J-125729624

31 MAR 2023

4061500

31 MAR 2023



भारतीय स्टेट बैंक  
State Bank Of India

(09620)-SME BRANCH RANCHI  
MACON CAMPUS  
DORANDA RANCHI, DIST: RANCHI, 834002  
Tel : 651 2482676 Fax : IFS Code : SBIN0000620 SWIFT :

केवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY

31 03 20 23  
D D M M Y Y Y Y

CfLJod

PAY D.O. Ramgarh को या उनके आदेश पर OR ORDER

रुपये RUPEES Six lakh ten thousand only  
अदा करें ₹ 610000/2

खा. सं.  
A/c No.

10324842800

VALID UP TO ₹ 50 LACS AT NON-HOME BRANCH FOR NON-CASH TRANSACTION ONLY

00824842301

CASH CREDIT A/C  
PREFIX :  
1516200003

Jharkhand Ispat Pvt Ltd.

JHARKHAND ISPAT PRIVATE LIMITED

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

Please sign above

⑈ 366933⑈ 834002006⑈ 000152⑈ 30

1536801 / 100 / BLUE ORDER / R / 18/AUG/2022  
SESHAASA (K) / CTS-2010

# JHARKHAND ISPAT PRIVATE LIMITED

Annexure - 7

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill. & P.O. - Hesla, Argada  
Dist. - Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No ..... **JIPL/026/2023-24**

o/c

Date..... **15/06/2023**

To,  
The Dy. Commissioner,  
Dist. Ramgarh.  
Jharkhand.

**Sub: Request for direction of payment of Rs 6, 30,000/- for conservation of aquatic life in Damodar River, to the District Collector/Water Resource Department.**

Ref.:- Environment Clearance letter No. J-11011/41/2013-IA-II(I) Dated 07/09/2022.

Dear Sir,

With reference to the above, this is to inform you that Ministry of Environment Forest & Climate Change (MoEF&CC), New Delhi has been issued Environment Clearance to the Unit vide letter No J-11011/41/2013-IA-II(I) Dated 07/09/2022 (Copy enclosed). Please refer to Page no. - 12, Point no. - 5 of the EC, as per the condition for implementation of Remediation Plan in the 2<sup>nd</sup> year, we have to submit Rs 6,30,000/- for conservation of aquatic life in Damodar River to the District Collector / Water Resource Department.

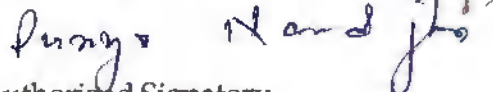
Kindly give us proper direction for payment of Rs 6, 30,000/- in compliance of the direction of MoEF&CC.

Your early action on the matter is solicited.

Thanking you,

Yours faithfully,

For JHARKHAND ISPAT PVT LTD

  
Authorized Signatory

Encl.:- As above.

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill. & P.O. - Hesla, Argada  
Dist. - Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....  
JiPL/039/2023-24

Date.....  
04.07.2023

To,  
The Executive Engineer,  
Waterways Division,  
Jhillpath, Dist. Hazaribagh,  
Jharkhand

**Sub: Request for direction of payment of Rs. 6,30,000/- for conservation of aquatic life in Damodar River.**

**Ref: Environment Clearance letter no. J-11011/41/2013-IA-II(I) dated 07.09.2022.**

Sir,

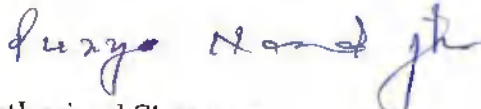
With reference to the above, this is to inform you that the Ministry of Environment Forest & Climate Change (MoEF&CC), New Delhi has been issued Environment Clearance to the unit vide letter no. J-11011/41/2013-IA-II(I) dated 07.09.2022 (Copy enclosed). Please refer to Page no. - 12, Point no. - 5 of the EC, as per the condition for implementation of Remediation Plan in the 2<sup>nd</sup> year, we have to submit Rs. 6,30,000/- for conservation of aquatic life in Damodar River to the District Collector / Water Resource Department.

Kindly give us proper direction for payment of Rs. 6,30,000/- in compliance of the direction of MoEF&CC.

Your early action on the matter is solicited.

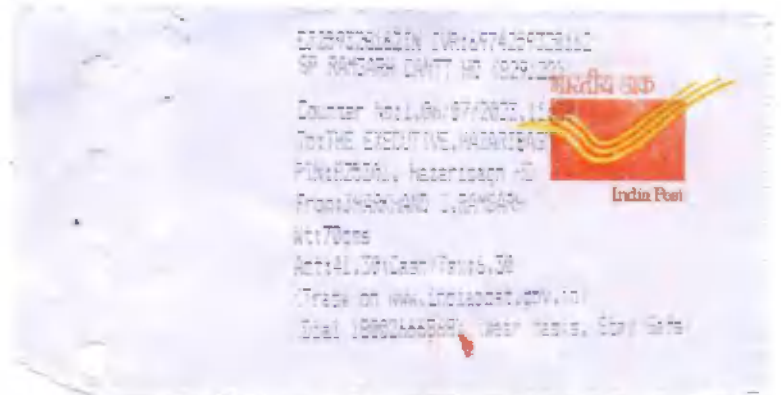
Thanking you,

Yours faithfully,  
For JHARKHAND ISPAT PVT. LTD.



Authorized Signatory

Encl: As above.





**Executive engineer of office**  
**Water ways division, hazaribag**

**Lattar no:-** 840 **hazaribag, date:-** 16.08.2023  
**Form:-**

Executive Engineer  
Water ways division  
Hazaribag.

**To,**

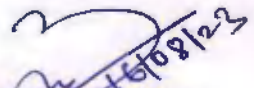
Jharkhand ispat Private Ltd. Near  
P.N.B. Bank, main Road, Ramgarh Cantt.  
Dist. Ramgarh, (Jharkhand)

**Subject:-** Regarding direction of payment of Rs.6,30,000/-

**Sir,**

With reference to the Subject mention you are directed to deposit the amount of Rs 6,30,000=00 (Six Lacs thirty thousand only) in the name of "Executive engineer, water ways Division, hazaribag". The Payment should be in the shape of Cheque/D.D Which Should be in favour of the undersigned as mentioned above, with a proper forwarding mentioning all details about payment. The payment amount so Obtained will be taken in revenue head 4701 this is for your intimation & needful Action. thanking you.

Your's sincerely

  
Executive Engineer  
Water Ways division, hazaribag.  
16.08.2023

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill. & P.O.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No **JIPL/055/2023-24**

Date **23.08.2023**

To,  
The Executive Engineer,  
Water ways division,  
Hazaribag, Jharkhand.

**Sub: Regarding payment of Rs 6, 30,000/- for conservation of aquatic life in Damodar River in compliance to the EC condition.**

- Ref: 1) Environment Clearance (EC) issued vide letter no. J-11011/41/2013-tA-tI(I) dated 07/09/2022 by MoEF&CC, New Delhi.
- 2) Our letter no. JIPL/026/2023-24 dated 15/06/2023 to the Dy. Commissioner, Ramgarh, Jharkhand regarding compliance of page no-12, point no. - 5 of EC.
- 3) Our letter no JIPL/039/2023-24 dated 04/07/2023 to the Executive Engineer, Water way division, Hazaribag, Jharkhand regarding compliance of page no - 12, point no. - 5 of EC.
- 4) Your letter no. - 840 dated 16/08/2023.

Dear Sir,

With reference to the above, please find enclosed herewith Cheque No. 549736 Dated 22/08/2023 of Rs 6, 30,000/- drawn on SBI, SME Branch Ranchi in compliance to the condition detailed at page no - 12, point no. - 5 of EC i.e. "Fund for conservation of aquatic life in Damodar River to the District collector / Water resource Department".

Please find above in order and oblige.

Thanking you,

Yours faithfully,  
For **JHARKHAND ISPAT PVT LTD**

Authorized Signatory

Encl.:- Cheque No. 549736 Dated 22/08/2023 of SBI SME Branch Ranchi.

Co. - Tho Dy. Commissioner, Ramgarh (Jharkhand).



**भारतीय स्टेट बैंक**  
**State Bank Of India**

(09620)-SME BRANCH RANCHI  
MACON CAMPUS  
DORANDA RANCHI, DIST. RANCHI, 834002  
Tel : 851 2482676 Fax : IFS Code : SBIN0006820 SWIFT :

कवल 3 महीने के लिए वैध / VALID FOR 3 MONTHS ONLY

22 08 2023  
D D M M Y Y Y  
E02J06

PAY Executive Engineer Water Works Division, Hazaribag, के आदेश पर OR ORDER

रुपये RUPEES Six lakh thirty thousand only.

अदा करे ₹ 630000/-

का. सं. / A/c No. **10324842800**

VALID UP TO ₹ 50 LACS AT NON-HOME BRANCH FOR NON-CASH TRANSACTION ONLY

**00824842301**

CASH CREDIT A/C  
PREFIX :  
1516200003

*[Signature]*

**JHARKHAND ISPAT PRIVATE LIMITED**

**MULTI-CITY CHEQUE** Payable at Par at All Branches of SBI

Please sign above

⑈ 549736⑈ 834002006⑈ 000152⑈ 30

3132920 / 1007 / 15102  
ORDER OF 07/07/2023  
SESH-PAASA (K) / CTS-2010

**RAM KUMAR RUNGTA CHARITABLE TRUST**

Address: Room No. 310, Diamond Prestige, 41A, A.J.C.Bose Road, Kolkata- 700017

Ref: 001/2021-22

Date: 19/05/2021

**To Whom It May Concern**

M/s Jharkhand Ispat Pvt. Ltd. located at village - Hesla, P.O. Argada, District Ramgarh, Jharkhand, as an activity to address the public hearing issues proposed to establish a 16 Bed Hospital at Village & Post- Marar, District- Ramgarh, Jharkhand. The proposal of Hospital discussed with the Trustees of Ram Kumar Rungta Charitable Trust and accepted unanimously. The trust will provide support of land and M/s Jharkhand Ispat Pvt. Ltd. will establish the said Hospital facilities for the public welfare. MoU of this regard are signed between the parties as a token of abidance and acceptance.

  
(Alok Rungta)

Trustee

Ram Kumar Rungta Charitable Trust



# Government of Jharkhand

## Receipt of Online Payment of Stamp Duty

NON JUDICIAL

**Receipt Number :** 49b3e1c0635de9d28d6e

**Receipt Date :** 19-May-2021 11:00:07 am

**Receipt Amount :** 100/-

**Amount In Words :** One Hundred Rupees Only

**Document Type :** Agreement or Memorandum of an Agreement

**District Name :** Ramgarh

**Stamp Duty Paid By :** JHARKHAND ISPAT PVT LTD

**Purpose of stamp duty paid :** AGREEMENT MOU

**First Party Name :** JHARKHAND ISPAT PVT LTD

**Second Party Name :** RAM KUMAR RUNGTA CHARITABLE TRUST

**GRN Number :** 2105736090

-: This stamp paper can be verified in the jharnibandhan site through receipt number :-



This Receipt is to be used as proof of payment of stamp duty only for one document. The use of the same receipt as proof of payment of stamp duty in another document through reprint, photo copy or other means is penal offence under section-62 of Indian Stamp Act, 1899

इस रसीद का उपयोग केवल एक ही दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु ही किया जा सकता है। पुनः प्रिन्ट कर अथवा फोटो कॉपी आदि द्वारा इसी रसीद का दूसरे दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु उपयोग भारतीय मुद्रांक अधिनियम, 1899 की धारा 62 अन्तर्गत दण्डनीय अपराध है।

*[Signature]*

TRUSTEE

*[Signature]*

## MEMORANDUM OF UNDERSTANDING

This binding Memorandum of Understanding (MOU) is Dated 19.05.2021 with Sri Santosh Kumar Gupta, Constituted Attorney & Authorized Signatory of Jharkhand Ispat Pvt. Ltd. located at village - Hesla, P.O. Argada, Ramgarh District, Jharkhand (hereinafter referred as "First Party" which expression shall mean and include its legal heirs, administrators and permitted assigns)

AND

Shri Alok Rungta, Trustee, Ram Kumar Rungta Charitable Trust, situated at Room No. 310, Diamond Prestige, 41A A.J.C Bose Road, Kolkata - 700017 (hereinafter referred as "Second Party" which expression shall mean and include its legal heirs, administrators and permitted assigns)

### WHEREAS

- A. The Parties interested in working together in connection with the Purpose which is described in this Memorandum.
- B. This Memorandum sets out the initial relationship between the parties as well as the respective rights and responsibilities of each party.
- C. Each party respectively is expected to act in good faith in accordance with this Memorandum.

NOW THEREFORE IN CONSIDERATION OF the commitment set forth in the public hearing and the mutual covenants herein and for other good and valuable consideration for the society, the parties hereto agree as follows:

1. The Second Party will provide support of land about one Acre in the Village & Post- Marar, District- Ramgarh, Jharkhand to the First Party for establishment of Hospital.
2. The First Party shall Establish 16 Bedded Hospital with advance medical facilities with affordable and quality services for the patients of the vicinity. After completion of the hospital and its facilities, it will be handed over to the Second Party.
3. The pre construction and operational clearances licenses will be obtained by the Second Party, for the pre construction activities First Party will associate as per requirement.

Ram Kumar Rungta Charitable Trust

  
TRUSTEE

1

  
Santosh Kumar Gupta



3. The Hospital will be managed by Ram Kumar Rungta Charitable Trust, Second Party to achieve the goal of social welfare on account of health of the public in large of the vicinity.

**GOVERNING LAW**

This MOU and all issues arising out of the same shall be fulfilled in accordance with the prevailing law of India.

SIGNED BY THE PARTIES THIS DATED 19<sup>th</sup> day of May, 2021.

First Party  
\_\_\_\_\_

*Santosh Kumar Gupta*  
(Santosh Kumar Gupta)  
Authorized Signatory  
Jharkhand Ispat Pvt. Ltd.



Second Party  
\_\_\_\_\_

Ram Kumar Rungta Charitable Trust  
*Alok Rungta*  
(Alok Rungta) TRUSTEE  
Trustee  
Ram Kumar Rungta Charitable Trust

**WORK UNDER CORPORATE ENVIORNMENT RESPONCIBILITY**  
**(CER)**

Name of the Work : Establish 16 Bedded Hospital at Village &  
Post- Maraf, District- Ramgarh, Jharkhand

Estimated Cost : Rs. **12501110.00**

**Cost Breakup for iustallation:**

**16 BED HOSPITAL PROJECT**

**COST ESTIMATION**

SL. NO	DISCRIPTION OF WORK	AMOUNT
1	CIVIL COST IN GROUND FLOOR	1892123.00
2	CIVIL COST IN FIRST FLOOR	2386508.00
3	HOSPITAL EQUIPMENT COST	4327200.00
4	LIFT WITH LIFT ROOM /WELL CIVIL COST	1615000.00
5	FURNITURE COST	1010200.00
6	ELECTIFICATION COST	494788.00
7	AIR CONDITIONOR (1.5T)	180000.00
	<b>NET TOTAL</b>	<b>11905819.00</b>
	ADDITIONAL 5 %	595291.00
	<b>TOTAL AMOUNT</b>	<b>12501110.00</b>

Smt. Kumar Mangra Shobhale Trust

  
TRUSTEE

  
Smt. Kumar Mangra Shobhale Trust



# JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE : Near P.N.Bank, Main Road,  
: Ramgarh Cantt. 829 122  
: Dist: Ramgarh (JHARKHAND)  
CIN : U34102UP1991PTCOI2872  
Telephone : 06553-226846  
: Fax : 06553-226845  
: E-Mail : jiplramgarh@gmail.com

WORKS:  
VILL. & P.O. HESLA, Argada  
DIST. RAMGARH (JHARKHAND)  
PIN: 829101

JIPL/2022-23

Date:-11/01/2023

To,  
The Trustee.  
Ram Kumar Rungta Charitable Trust  
Room No. 310, Diamond Prestige,  
41A, A.J. Bose Road, Kolkata-700017.

**Sub: Execution of proposal for establishment of a hospital and allied facilities at Village and Post -Marar, Dist.-Ramgarh, Jharkhand under CER.**

Ref.: 1. Agreement Dated. 19.05.2021  
2. EC issued vide F.No. F. No. J-11011/41/2013-IA-II(I) Dated: 7th September, 2022

Sir,

With reference to the above, this is to inform you that on the consent of the esteemed Trust we have submitted proposal before Expert Appraisal Committee (EAC) for establishment of 16 bedded hospital at Village and Post Marar, Dist.-Ramgarh, Jharkhand.

EAC accepted our proposal and pleased to recommend our application of Environment Clearance (EC), which is issued vide F.No. F. No. J-11011/41/2013-IA-II (I) Dated: 7th September, 2022.

In compliance to the condition of EC, execution of purposed establishment of 16 bedded hospital and allied activities related to the medical facilities for the benefit to the people of the vicinity is to be completed. The purposed investments are detailed below:-

Sl. No.	Activities	Budget (In Rs)
01	Establishment of 16 Bedded Hospital with advance medical facilities with affordable and quality services in village & P.O Marar, District Ramgarh.	1,25,01,110.00
02	Providing ENT clinic along with Doctor in Hesla and Argada villages.	4,86,000.00
03	Distribution of Hearing aids to the needed Sr. Citizens of the Hesla, Maraar and Argada villages @ 1000x500 person.	5,00,000.00
04	Oxygen plant at Hesla village.	80,27,000.00

Please locate about 2 (two) Acre land either by purchase or through long term lease to carry out the above facilities through Trust.

Please do the needful at your earliest.

Thanking you.

Yours faithfully

For Jharkhand Ispat Pvt. Ltd

Authorized Signatory

# **RAM KUMAR RUNGTA CHARITABLE TRUST**

Address: Room No. 310, Diamond Prestige, 41, A.J.C. Bose Road, Kolkata-700017

---

**Ref: RKRCT/2024-25**

**Date: 15/10/2024**

To,  
M/s Jharkhand Ispat Pvt Ltd,  
Village & Post – Hesla, via Argada,  
Distt – Ramgarh (Jharkhand)

**Sub: - Regarding land requirement for establishment of a hospital and allied facilities at Village and Post Marar, Dist.-Ramgarh, Jharkhand.**

**Ref: - 1) Your letter no JIPL/2022-23 Dated 11/01/2023.**

**2) Letter No. SDCCL/2024-25 Dated 05/05/2024 and 14/10/2024 received from M/s Sri Durga Cement Company Limited.**

Sir,

With reference to the above, M/s Sri Durga Cement Company Limited have a land about 2.14 acres at Village Hesla Khata no – 32, Plot no – 162 – 0.66 Acres & Plot no – 163 – 1.48 Acres. The above said land is on the road side which is well connected to the village Hesla, Manua, Argada & Marrar. This may be suitable to serve the purpose I response to your letter we have repeatedly enquired for suitable land in the village Marar to serve your pupose but no any such suitable land become available. Please take a visit to finalise if it is suitable found to serve the purpose for establishment of 16 beded hospital.

Your early action on the matter is solicited to enable us to proceed for lease agreement and other related work for establish of the 16 beded hospital and allied facilities.

Thanking you.

Yours faithfully

**For Ram Kumar Rungta Charitable Trust**

  
**Alok Rungta**

**Trustee**

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 08553-228846, 224601, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WORKS :**  
Vill. & P.O.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No .....  
JIPL/2024-25

Date.....  
07/10/2024

To,  
**The Member Secretary,**  
Ministry of Environment, Forest and Climate Change,  
(I.A. Division – Industry I sector)  
Indira Paryavaran Bhawan,  
Jor Bagh Road, Aliganj,  
New Delhi – 110003

**Sub:** - Regarding compliance of condition of Corporate Environment Responsibility (EC condition number – General Conditions IX Annexure 1 - Establishment of 16 Bedded Hospital with advance medical facilities with affordable and quality services in village & P.O Marar, District: Ramgarh)

**Ref:** - Environment Clearance (EC) letter No. J-11011/41/2013-IA-II(1) Dated 07/09/2022.

Sir,

With reference to the above-mentioned subject, medical facilities to be established for the benefit to the people of the vicinity are detailed below:

Sl. No.	Activities	Budget (In Rs)
01	Establishment of 16 Bedded Hospital with advance medical facilities with affordable and quality services in village & P.O Marar, District Ramgarh.	1,25,01,110.00
02	Providing ENT clinic along with Doctor in Hesla and Argada villages.	4,86,000.00
03	Distribution of Hearing aids to the needed Sr. Citizens of the Hesla, Maraar and Argada villages @ 1000x500 person.	5,00,000.00
04	Oxygen plant at Hesla village.	80,27,000.00

For compliance of the above we have engaged a trust namely “Ram Kumar Rungta Charitable Trust” for the purpose to complete the work in all respect. No suitable land at village – Marar is available for the establishment of above facilities, even after due approach of the Trust as well as ourselves.

However, the Trust meanwhile has identified a land measuring 2.14 Acres (approx.) besides the Naisarai - Giddi road in the village Hesla on long term lease basis and suggested to establish all the

*Purnya Nanda Jais*

above facilities in a consolidated campus. The above said land is on the road side which is well connected to the village Hesla, Manua, Argada & Marar. Google map screen shot is attached for kind reference.

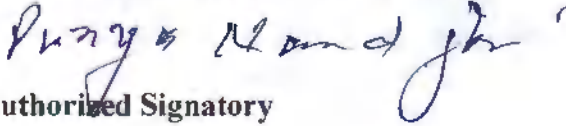
According to the proposal given by trust we have found it suitable and want to establish all the above facilities in a consolidated campus for better operation and control to cater the medical benefit to the population of village Hesla, Manua, Argada, Marar and vicinity.

This is for kind information & consideration please. We request you to kindly consider the same for compliance of the above-mentioned EC condition.

Thanking you.

Yours faithfully

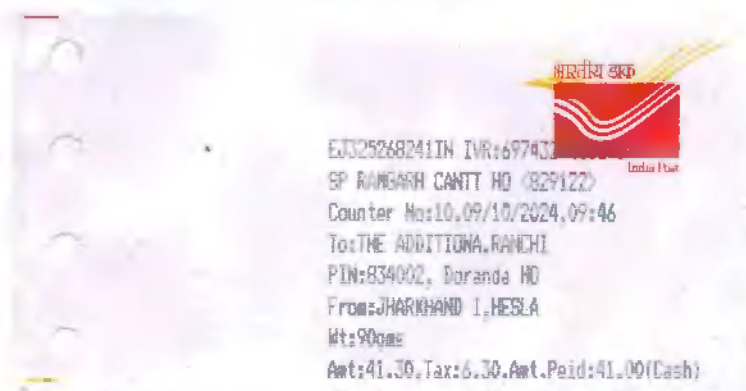
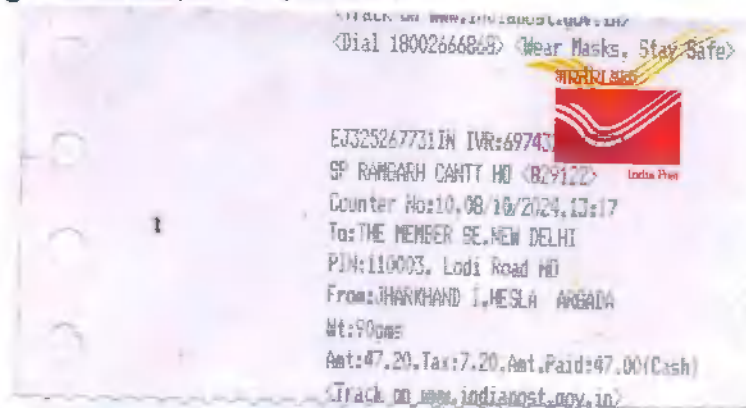
For **JHARKHAND ISPAT PVT LTD**



Authorized Signatory

Encl: As above.

✓  
Cc: The In-charge, Integrated Regional Office, Ranchi, MoEF & CC.





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

To,

The Director  
JHARKHAND ISPAT PVT LTD  
Near P.N Bank, Main Road, Ramgarh Cantt, Distt. Ramgarh,  
Jharkhand,,Ramgarh,Jharkhand-829122

**Subject:** Grant of Environmental Clearance (EC) to the proposed Project Activity under the provision of EIA Notification 2006-regarding

Sir/Madam,

This is in reference to your application for Environmental Clearance (EC) in respect of project submitted to the Ministry vide proposal number IA/JH/IND/236898/2020 dated 15 Nov 2021. The particulars of the environmental clearance granted to the project are as below.

- |   |  |
|---|--|
| 1. <b>EC Identification No.</b>                   | <b>EC22A008JH113341</b>  |
| 2. <b>File No.</b>                                | J-11011/41/2013-IA-II(I)   |
| 3. <b>Project Type</b>                            | New  |
| 4. <b>Category</b>                                | A  |
| 5. <b>Project/Activity including Schedule No.</b> | 3(a) Metallurgical industries (ferrous & non ferrous)  |
| 6. <b>Name of Project</b>                         | Expansion of Jharkhand Ispat (P) Ltd. for enhancement of Sponge Iron Production from 60,000 to 120,000 TPA, Billet Production 108,000 TPA, 90,000 TPA Rolling Mill along with 18 MW Captive Power Plant (WHRB-6MW & AFBC-12MW at village - Hesla, P.O. - Argada, Ramgarh District, Jharkhand |
| 7. <b>Name of Company/Organization</b>            | JHARKHAND ISPAT PVT LTD  |
| 8. <b>Location of Project</b>                     | Jharkhand  |
| 9. <b>TOR Date</b>                                | N/A  |

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

Date: 07/09/2022

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

*Note: A valid environmental clearance shall be one that has EC identification number & E-Sign generated from PARIVESH. Please quote identification number in all future correspondence.*

*This is a computer generated cover page.*

**F. No. J-11011/41/2013-IA-II(I)**

**Government of India**  
**Ministry of Environment, Forest and Climate Change**  
(I.A. Division – Industry I sector)

\*\*\*

Indira Paryavaran Bhawan  
Jor Bagh Road, Aliganj,  
New Delhi – 110003

**Dated: 7<sup>th</sup> September, 2022**

To,

**M/s. Jharkhand Ispat Private Limited**  
Near P.N Bank, Main Road, Ramgarh Cantt,  
Disrict. Ramgarh, Jharkhand – 829122

**Email: [jjplmoefcc@gmail.com](mailto:jjplmoefcc@gmail.com)**

**Project: Sponge Iron Plant (4x100 TPD), Induction furnace (2x12T+1x12T), Rolling Mill (90,000 TPA) and 18 MW power plant [6 MW WHRB, 2 MW Coal char based and 10 MW Coal based] of M/s. Jharkhand Ispat Private Limited located at Hesla, P.O. Argada, District Ramgarh, Jharkhand – Grant of Environmental Clearance as per S.O. 804(E) dated 14/03/2017 – regarding.**

Sir,

This refers to your proposal no. **IA/JH/IND/236898/2020** dated **15/11/2021** and subsequent ADS reply dated 15/01/2022 and 07/02/2022 submitted through Parivesh Portal seeking grant of **Environmental Clearance (EC) under EIA Notification, 2006** for the project mentioned above. Further, Jharkhand State Pollution Control Board vide letter Memo no. B-1767 dated 01.09.2022, has informed that M/s Jharkhand Ispat Private Limited has confirmed Bank Guarantee amounting Rs. 6,60,22,500/- towards remediation plan and natural and community resources augmentation plan to Jharkhand State Pollution Control Board, Head Office, Ranchi vide BG No. 0962022BG0000159 dated 12.08.2022.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is listed at schedule no. 3(a) Metallurgical Industries (ferrous & non-ferrous) under Category “A” of the schedule of the EIA Notification, 2006 and attracts provisions of S.O. 804 (E) issued by MoEF&CC dated 14/03/2017 for the projects under Violation.

3. The proposal was considered by the **EAC (Industry-I) in its 49<sup>th</sup> meeting held on 16-17<sup>th</sup> December, 2021, 52<sup>nd</sup> meeting held on 27<sup>th</sup>-28<sup>th</sup> and 31<sup>st</sup> January, 2022 and 53<sup>rd</sup> meeting held on 10-11<sup>th</sup> February, 2022**. The minutes of the meetings and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in/>.

4. The details of the proposal are as per the EIA report submitted by the proponent. The salient features of the proposal as presented during the above-mentioned meeting of EAC (Industry 1) are as under :-

S.No.	Particulars	Details
a.	Terms of Reference for undertaking EIA study	09/11/2020
b.	Period of baseline data collection	Baseline data collected during 01/10/2020 to 31/12/2020.
c.	Date of Public Consultation	06/05/2017 (Fresh PH not recommended by the EAC)

S.No.	Particulars	Details																											
		– Violation sector)																											
d.	Action plan to address the PH issues	In addition to EMP budget, an amount of Rs. 160.19 Lakhs have been earmarked to address the issues raised during public hearing. PH Action Plan is enclosed as <b>Annexure-I</b> .																											
e.	Location of the project	Hesla, P.O. Argada, District Ramgarh, Jharkhand.																											
f.	Latitude and Longitude of the project site	<table border="1"> <thead> <tr> <th>Point</th> <th>Latitude</th> <th>Longitude</th> </tr> </thead> <tbody> <tr> <td>A</td> <td>23<sup>0</sup>39'00.0"N</td> <td>85<sup>0</sup>27'48.8"E</td> </tr> <tr> <td>B</td> <td>23<sup>0</sup>38'53.5"N</td> <td>85<sup>0</sup>27'42.8"E</td> </tr> <tr> <td>C</td> <td>23<sup>0</sup>38'50.3"N</td> <td>85<sup>0</sup>27'45.0"E</td> </tr> <tr> <td>D</td> <td>23<sup>0</sup>38'44.0"N</td> <td>85<sup>0</sup>27'39.4"E</td> </tr> <tr> <td>E</td> <td>23<sup>0</sup>39'46.1"N</td> <td>85<sup>0</sup>27'54.3"E</td> </tr> <tr> <td>F</td> <td>23<sup>0</sup>38'51.2"N</td> <td>85<sup>0</sup>27'55.5"E</td> </tr> <tr> <td>G</td> <td>23<sup>0</sup>38'53.5"N</td> <td>85<sup>0</sup>27'52.9"E</td> </tr> <tr> <td>H</td> <td>23<sup>0</sup>38'57.4"N</td> <td>85<sup>0</sup>27'54.9"E</td> </tr> </tbody> </table>	Point	Latitude	Longitude	A	23 <sup>0</sup> 39'00.0"N	85 <sup>0</sup> 27'48.8"E	B	23 <sup>0</sup> 38'53.5"N	85 <sup>0</sup> 27'42.8"E	C	23 <sup>0</sup> 38'50.3"N	85 <sup>0</sup> 27'45.0"E	D	23 <sup>0</sup> 38'44.0"N	85 <sup>0</sup> 27'39.4"E	E	23 <sup>0</sup> 39'46.1"N	85 <sup>0</sup> 27'54.3"E	F	23 <sup>0</sup> 38'51.2"N	85 <sup>0</sup> 27'55.5"E	G	23 <sup>0</sup> 38'53.5"N	85 <sup>0</sup> 27'52.9"E	H	23 <sup>0</sup> 38'57.4"N	85 <sup>0</sup> 27'54.9"E
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g.	Total land	14.38 ha [Private:14.38 ha]																											
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	The existing units is installed in 25.54 Acres (10.34 Ha.) of land which is owned by JIPL. Company has taken adjacent land area of 10 Acres (4.04 Ha.) on 30 years lease. Thus, the total land after expansion will be 14.38 ha and total land is under possession of JIPL.																											
i.	Existence of habitation & involvement of R&R, if any	Nil.																											
j.	Elevation of the project site	335 m above mean sea level																											
k.	Involvement of Forest land if any.	No involvement of Forest land.																											
l.	Water body exists within the project site as well as study area	<p><b>Project Site:</b> No water bodies within the project site.</p> <p><b>Study area</b></p> <table border="1"> <thead> <tr> <th>Water Body</th> <th>Distance</th> <th>Direction</th> </tr> </thead> <tbody> <tr> <td>River Damodar</td> <td>0.3 km</td> <td>South</td> </tr> </tbody> </table>	Water Body	Distance	Direction	River Damodar	0.3 km	South																					
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m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	<p>Nil.</p> <p>However, following forests are existing in the study area:  PF at 5.0 km (SW),  PF at 5.5 km (NNE),  PF at 8.4 km (South),  PF at 9.2 km (NNW).</p>																											
n.	Project cost	Existing- Rs. 54.12 Crores Proposed - Rs. 186.63 Crores (after proposed expansion total capital cost of the project is Rs 240.75 Crores)																											
o.	EMP cost	The capital cost for environmental protection measures along with the budget of activities to address Public Hearing Issues is proposed as Rs. 5.7011 Crores. The annual recurring cost towards the environmental protection measures is proposed as Rs 0.475 Crores.																											
p.	Employment opportunity	394 Nos.																											
q.	Water and Power requirement	Water: 2906 KLD (Total after Expansion)																											

S.No.	Particulars	Details
		Power –18 MW (Total after Expansion)

**Unit configuration and capacity:**

Sl. No	Project Details	Existing Installed Units				Proposed Units		Total (Existing + Proposed)	
		Non/Violating		Violating Units		Unit	Prod. (TPA)	Unit	Prod. (TPA)
		Unit	Prod. (TPA)	Unit	Prod. (TPA)				
1.	Sponge Iron Plant	2x100 TPD	60,000	2x100 TPD	60,000	--	--	4x100 TPD	120,000
2.	Induction Furnaces	--		2x12T		1x12T		3x12T	
3.	Billet Caster			2strands 6/11m	72,000	1strand 6/11m	36,000	3strand 6/11m	108,000
4.	Rolling Mill	--		--		300 TPD	90,000	300 TPD	90,000
5.	Captive Power Plant AFBC Boiler WHRB	--		--		1 4	12 MW 6 MW	1 4	12 MW 6 MW

5. The EAC (Industry-I) in its 53<sup>rd</sup> meeting held on 10-11<sup>th</sup> February, 2022 based on information & clarifications provided by the project proponent and after detailed deliberations recommended the instant expansion proposal for grant of Environment Clearance under EIA Notification, 2006 subject to stipulation of specific and general conditions as detailed in the paragraph given below.

6. The matter has been examined in the Ministry and accordingly the Jharkhand State Pollution Control Board vide letter Memo no. B-1767 dated 01.09.2022, has confirmed that M/s Jharkhand Ispat Private Limited has submitted Bank Guarantee amounting Rs. 6,60,22,500/- towards remediation plan and natural and community resources augmentation plan to Jharkhand State Pollution Control Board, Head Office, Ranchi vide BG No. 0962022BG0000159 dated 12.08.2022.

7. The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1) hereby decided to grant Environment Clearance for instant proposal of **M/s. Jharkhand Ispat Private Limited** under the provisions of EIA Notification, 2006 and **as per S.O. 804(E) dated 14/03/2017** subject to the following specific conditions and general conditions.

**A. Specific conditions:**

- Damage remediation measures @ cost of Rs. 660.22 lakhs shall be implemented as per the action plan submitted in the EIA report.
- Jharkhand State Pollution Control Board vide letter Memo no. B-1767 dated 01.09.2022, has confirmed that M/s Jharkhand Ispat Private Limited has submitted Bank Guarantee amounting Rs. 6,60,22,500/- towards remediation plan and natural and community resources augmentation plan to Jharkhand State Pollution Control Board, Head Office, Ranchi vide BG No. 0962022BG0000159 dated 12.08.2022. Project proponent shall



implement the plan and it shall be completed in three years whereas the bank guarantee shall be for five years. The bank guarantee shall be released by the SPCB after successful implementation of Remediation plan, Natural Resource Augmentation Plan and Community Resource Augmentation plan (**Copy of plan is enclosed herewith**).

- iii. PP shall meet the 2906 KLD water requirement from Damodar River after obtaining requisite permission from the concerned competent authority. Ground water abstraction for industrial purpose is not permitted.
- iv. Railway siding for the material transportation shall be provided by December, 2022 as committed.
- v. Green Belt shall be developed in 40 % of total land with tree density of 2500 trees per ha. (or 1000 trees per acre) all along the periphery of the project site. This shall include development of green belt with a width of 10-20 m within the project site towards Argarda village and Mahuwa Tand village.
- vi. Performance test shall be conducted on all pollution control systems every year and report shall be submitted to Regional Office of the MoEF&CC.
- vii. Effluent treatment plant shall be provided for 225 KLD effluent and treated water shall be reutilized in plant process.
- viii. Particulate matter emission from stacks shall be less than 30 mg/Nm<sup>3</sup>.
- ix. 100 % solid waste shall be utilized. Dumping is not permitted.
- x. Project proponent shall operate the violating unit "2x100 TPD DRI Kiln and 2x12 T Induction Furnace" only after obtaining Environmental Clearance and valid consent from state pollution control board as committed in the undertaking submitted to the Ministry.
- xi. 80-85 % hot charging for billets shall be done. Balance rolling shall be carried out through reheat furnace operating on LDO/LSHS.
- xii. All plant roads shall be paved and industrial vacuum cleaners shall be used to clean the roads regularly.
- xiii. All stock piles shall be constructed over impervious soil and garland drains with catch pits to trap run off material shall be constructed.

## **B. General conditions**

### **I. Statutory compliance:**

- i. The Environment Clearance (EC) granted to the project/ activity is strictly under the provisions of the EIA Notification, 2006 and its amendments issued from time to time. It does not tantamount/ construe to approvals/ consent/ permissions etc., required to be obtained or standards/conditions to be followed under any other Acts/Rules/Subordinate legislations, etc., as may be applicable to the project.

### **II. Air quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as 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 recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.

- iii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.
- v. Recycle and reuse iron ore fines, coal and coke fines, lime fines and such other fines collected in the pollution control devices and vacuum cleaning devices in the process after briquetting/ agglomeration.
- vi. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vii. The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.
- viii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- ix. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.

### **III. Water quality monitoring and preservation**

- i. The project proponent shall install 24x7 continuous effluent monitoring system with respect to standards prescribed in Environment (Protection) Rules 1986 (G.S.R 414 (E) dated 30th May 2008; G.S.R 277 (E) dated 31<sup>st</sup> March 2012 (applicable to IF/EAF); S.O. 3305 (E) dated 7th 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 recognised under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor regularly ground water quality at least twice a year (pre- and post-monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- iii. Adhere to 'Zero Liquid Discharge'.
- iv. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- v. Garland drains and collection pits shall be provided for each stock pile to arrest the run-off in the event of heavy rains and to check the water pollution due to surface run off.

### **IV. Noise monitoring and prevention**

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

### **V. Energy Conservation measures**

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

### **VI. Waste management**

- i. Used refractories shall be recycled as far as possible.
- ii. 100% utilization of fly ash shall be ensured. All the fly ash shall be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.

- iii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused in melting Furnaces.
- iv. Kitchen waste shall be composted or converted to biogas for further use.

## **VII. Green Belt**

- i. Green belt shall be developed in an area equal to 33% of the plant area with a native tree species in accordance with CPCB guidelines. The greenbelt shall inter alia cover the entire periphery of the plant
- ii. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same including carbon sequestration including plantation.

## **VIII. Public hearing and Human health issues**

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.


## **IX. Corporate Environment Responsibility**

- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-IA.III dated 30/09/2020.
- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have defined system of reporting infringements/deviation/violation of the environmental/forest/wildlife norms/conditions and/or shareholders/stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly to the head of the organization.

## **X. Miscellaneous**

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

- iv. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
  - v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
  - vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
  - vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
  - viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
  - ix. 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).
  - x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
  - xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
  - xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
  - 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.
  - xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
8. This issues with the approval of the Competent Authority.

  
**(Dr. R. B. Lal)**  
**Scientist 'E'/Additional Director**  
Tel: 011-20819346  
[Email-rb.lal@nic.in](mailto:Email-rb.lal@nic.in)

**Encl.: As above**

**Copy to:-**

1. Secretary, Department of Environment, Government of Jharkhand, Secretariat, Ranchi.
2. The Director General of Forest, Ministry of Environment, Forest and Climate Change, New Delhi.

3. The Principal Chief Conservator of Forests & Government of Jharkhand, Van Bhawan, P.O. Hinoo, Doranda, Ranchi-823002
4. The Deputy Director General of Forests (C), Integrated Regional Office, Ministry of Environment, Forest and Climate Change, Bungalow No. A-2, Shyamali Colony, Ranchi – 834002
5. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
6. Chairman, Jharkhand State Pollution Control Board, CTI Colony, Sector 4, Birsa Nagar, Ranchi, Jharkhand 834004
7. The Member Secretary, Central Ground Water Authority, Jamnagar House, 18/11, Man Singh Road Area, New Delhi, Delhi 110001
8. District Collector, District Ramgarh, Jharkhand.
9. Guard File/Monitoring File/MoEFCC Website/Record File/Parivesh portal.



**(Dr. R. B. Lal)**  
**Scientist 'E'/Additional Director**  
Tel: 011-20819346  
[Email-rb.lal@nic.in](mailto:rb.lal@nic.in)

**Table: Details of Action Plan as per MoEF&CC O. M. dated 30/09/2020**

S No	Activities	Amount in INR		
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	Total
<b>1</b>	<b>Community Development</b>			
	Installation of one number of bore/well based on Solar Pump C:\Users\HP\OneDrive\Desktop\49 EAC\I\NOC Borewell.pdf system along with water storage Tank each in Village Hesla and Mahuatand, District: Ramgarh	3,068,360 [Complete installation of bore/well having pump based on Solar power and water storage tanks]	--	30,68,360
	Greenbelt of 15m width, covering an area of 0.45 ha. will be developed along the periphery of the village Argada, District: Ramgarh, Jharkhand	450,000.00 [Greenbelt Development along the periphery of Argada Village]	--	4,50,000
<b>2</b>	<b>Health Development</b>			
	Establishment of 16 Bedded Hospital with advance medical facilities with affordable and quality services in village & P.O Marar, District: Ramgarh	4,278,631 [Civil work for two floor building]	8,222,479 [Hospital equipment, Lift, Furniture, Electrification, Air Conditioner, etc]	1,25,01,110
<b>Grand Total in INR</b>				<b>16,019,470.0</b>

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Table 1: Details of Yearly Budget for implementation of Remediation Plan

S. No.	Environment Component	Activity Description	Total Budgetary Provision in Rs.			
			1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1	Land Environment	1.Assistance to farmers by providing seedlings, manure and Bio-fertilizers to villagers of Hesla and Maraar= <b>Rs.46,000/-</b> 2.Providing one tractor (Make Mahindra) with hydraulic trolley and Rotavator to be provided to each Nagar panchayat of village Hesla and Maraar = <b>Rs.34,00,000/-</b> 3.Providing Bundmaker, Ridger, plough for agriculture purpose to villagers of Hesla and Maraar= <b>Rs.4,24,500/-</b>	<b>19,35,250</b> (Providing Tractor, Bundmaker, Ridger, Plough and Seedlings, manure in Nagar panchayat of Hesla)	<b>19,35,250</b> (Providing Tractor, Bundmaker, Ridger, Plough and Seedlings, manure in Nagar panchayat of Maraar)	--	<b>38,70,500</b>
2	Air Environment	1. Providing four E-Rickshaw (4-seater, Make: Mac Auto) with charger for public transport in each Barkakana, Maraar, Phulsarai and Argada villages = <b>Rs35,00,000/-</b> 2. Solar stove, solar street light & solar fan in Argada & Hesala village= <b>Rs.16,54,000/-</b>	<b>17,50,000</b> (Providing 4E-Ricksaweach in Barkakana and Maraar villages)	<b>17,50,000</b> (Providing 4E-Ricksaweach in Phulsarai and Argada villages)	<b>16,54,000</b> (Solar stove, solar street light & solar fan in Argada & Hesala village)	<b>51,54,000</b>
3	Water Environment	1.Drinking water plant (10nos.) including bore well with solar power with water cooler including RO & UV in Argada & Hesala village- <b>Rs1,70,00,000/-</b> 2. Sewage treatment plant in village Hesla <b>Rs 60,82,000/-</b> 3. Rain water harvesting pit (@Rs.4lakhs/location) at Panchayat office of Hesla, Argada, Barkakana, Manuan, Maraar and Phulsarai villages= <b>Rs.24,00,000/</b> 4. Renovation of Ponds (Includes Cleaning/desiltation, concrete	<b>1,94,00,000</b> (Drinking water plant (10 nos) including borewell with solar power with water cooler including RO & UV in Argada & Hesala village & Rainwater Harvesting pit at Panchayat office of Hesla, Argada, Barkakana, Manuan, Maraar and Phulsarai	<b>1,16,00,000</b> (Renovation of Ponds (Includes Cleaning/desiltation, concrete Lining) and construction of wharf and platforms in pond located in each of Argada, Hesla, Manuan, and Maraar villages)	<b>86,45,000</b> (Construction of Covered Drainage system along with sewage pit within village Hesla & Sewage treatment plant in Hesla)	<b>3,96,45,000</b>

S. No.	Environment Component	Activity Description	Total Budgetary Provision in Rs.			
			1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
		Lining) and construction of wharf and platforms in pond located in each of Argada, Hesla, Manuan, and Maraar villages (Rs.2,800,000x4 +400,000) = <b>Rs.1,16,00,000/-</b> 5. Construction of Covered Drainage system along with sewage pits within village Hesla = <b>Rs.25,63,000/-</b>				
4	Noise Environment	1. Providing ENT clinic along with Doctor in Hesla and Argada villages= <b>Rs 4,86,000/-</b> 2. Distribution of Hearing aids to the needed Sr. Citizens of the Hesla, Maraar and Argada villages @ 1000x500 person = <b>Rs.5,00,000/-</b>	<b>4,86,000</b> (Providing ENT specialist Clinic along with Doctor in Hesla and Argada villages)	<b>5,00,000</b> (Distribution of Hearing Aids to the needed Sr. Citizens of the Hesla, Maraar and Argada villages)	--	<b>9,86,000</b>
5	Biological Environment	1.Funds for conservation of fauna in Phulsarai Protected Forest to the District Office= <b>Rs.6,10,000/</b> . Funds for conservation of aquatic life in Damodar River to the District collector/ Water resource Department = <b>Rs. 6,30,000/-</b>	<b>6,10,000</b> (Funds for conservation of fauna residing in Naisarai Protected forest)	<b>6,30,000</b> (Funds for conservation of aquatic life in Damodar River)	--	<b>12,40,000</b>
<b>Total</b>			<b>2,41,81,250</b>	<b>1,64,15,250</b>	<b>1,02,99,000</b>	<b>50895500</b>

**Table 2: Natural Resource Augmentation Plan along with budget**

Sl. No.	Proposed Activities	Budget (Rs.)			
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1	Installation of Biodegradable waste converter (Make: Reddonatura, Capacity: 75kg/day) in Argada, Manuan and Hesla village	10,00,000 (Argada)	10,00,000 (Manuan)	10,00,000 (Hesla)	30,00,000
2	Cattle food processing plant with veterinary hospital at Hesla villages	12,00,000	5,00,000	--	17,00,000
3	Biogas plant in Manuan, Barkakana and Maraar village	8,00,000 (Manuan)	8,00,000 (Barkakana)	8,00,000 (Maraar)	24,00,000
<b>Total</b>		<b>30,00,000</b>	<b>23,00,000</b>	<b>18,00,000</b>	<b>71,00,000</b>



**Table 3: Community Resource Augmentation Plan along with budget**

S. No.	Proposed Activities	Budget (Rs.)			
		1 <sup>st</sup> Year	2 <sup>nd</sup> Year	3 <sup>rd</sup> Year	Total
1.	Oxygen plant at Hesla village	40,00,000	40,00,000	27,000	80,27,000

**Table 4: Summary of Remediation Plan, Natural Resource Augmentation Plan and Community Resource Augmentation Plan**

S No	Aspects	Budget (in Rupees)
1.	Estimated Cost on remediation plan based on the damage assessment due to violation.	5,08,95,500
2.	Natural resource augmentation plan for 3 years	71,00,000
3.	Community resource augmentation plan for 3 years	80,27,000
	<b>Total</b>	<b>~6,60,22,500</b>

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Signature Not Verified  
Digitally signed by Dr. R. B. Lal  
Scientist E  
Date: 9/7/2022 4:38:45 PM

# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist. - Ramgarh (Jharkhand) - 829 122  
**CIN** : U34102UP1991PTC012872  
**Telephone** : 06553-226846, 224801, Fax : 226845  
E-mail : jiplramgarh@gmail.com



**WDRKS** :  
Vill. & P.O.- Hesla, Argada  
Dist.- Ramgarh (Jharkhand)  
PIN. - 829 101

Ref. No ..... JIPL/2024-25

12/11/2024

Date.....

To,  
The Executive Officer,  
Nagar Parishad Ramgarh,  
Dist. - Ramgarh (Jharkhand).

Sub: Request for identifying and providing the location for the installation of facilities proposed under CER obligation.

Ref: (i) Environment Clearance issued by MoEF&CC, New Delhi, vide Letter No. - F. No. J-11011/41/2013-IA-II (I), Dated- 07-09-2022.

(ii) Our letter No. JIPL/2023-24, Date: 21/03/2024.

(iii) Our letter No. JIPL/2024-25, Date: 16/04/2024 & 09/05/2024.

Dear Sir,

Please refer to the above communication and several discussions we had earlier in your office regarding identifying and finalizing the locations and also providing the necessary support for installation of the following activities to be taken up by us under CER obligation.

Sl. No.	Activities description	Budget in Rs.
01	Installation of one number of bore/well based on Solar Pump system along with water storage tank each in Village Hesla and Mahuatand, District: Ramgarh	3068360.00
02	Drinking water plant (10nos.) including bore well with solar power with water cooler including RO & UV in Argada & Hesala Village.	17000000.00
03	Sewage treatment plant in village Hesla	6082000.00
04	Construction of Covered Drainage system along with sewage pits within village Hesla	2563000.00
05	Rain water harvesting pit at Panchayat office of Hesla, Argada, Barkakana, Manuan, Maraar and Phulsarai villages	2400000.00
06	Renovation of Ponds (Includes Cleaning/ desiltation, concrete Lining) and construction of wharf and platforms in pond located in each of Argada, Hesla, Manuan, and Maraar villages	11600000.00
07	Installation of Biodegradable waste converter (Make: Reddonatura, Capacity: 75kg/day) in Argada, Manuan and Hesla village	3000000.00
08	Cattle food processing plant with veterinary hospital at Hesla villages	1700000.00
09	Biogas plant in Manuan, Barkakana and Maraar village	2400000.00
	<b>Total</b>	<b>4,98,13,360.00</b>

The activities as detailed above are not taken up by us due to non availability of the suitable location to execute the activities as per direction of MoEF&CC vide letter no - F. No. J-11011/41/2013-IA-II (I), Dated- 07-09-2022. The compliance of these activities are time

Punja Handjk

bound, these are not complied as because the area of activities are falling under Nagar Parishad and no such activities could be taken up in absence of your identification of location and necessary direction for the same.

Kindly do the needful. Your early action on the matter will be highly solicited.

Thanking you,

Yours faithfully,

For **JHARKHAND ISPAT PVT LTD**

*Punya Chand Jha*

Authorized Signatory

Cc: - 1) Dy. Commissioner, Ramgarh (Jharkhand)

2) District Animal Husbandry Officer, Ramgarh (Jharkhand) Regarding Point no 8 of the activities detailed above. — *Received*



A  
Performance Test Monitoring Report  
of  
Air Pollution Control Device (APCD)



**Jharkhand Ispat Pvt. Ltd.**

At vill. & P.O.- Hesla, Argada, Ramgarh, Dist. Ramgarh,  
Jharkhand

## Index

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## 1. Introduction of Plant: -

The unit of Jharkhand Ispat Pvt. Ltd. is situated at vili. & P.O.Hesla, Argada, Ramgarh, Dist. Ramgarh, Jharkhand has GPS Co-Ordinate 23<sup>o</sup> 38' 57.24", 85<sup>o</sup> 27' 53.78". The unit has installed 4 Rotary kiins of 100 TPD capacity each producing sponge iron (400 TPD). Annual production from four Rotary Kilns is 120000 Ton Sponge Iron. They Have instalied a Captive Power Plant to utilize sensibie waste heat energy from the DRi flue gases and dolochar produced in these Kilns, supplemented by coal. The proposed power piant is producing power at a cheaper cost. The Total Capacity of Electricity production is 6 MW and a biliet piant with a capacity of 108000 TPA. The Unit Has instalied induction Furnace in Steel Melting Shop. The unit has instalied Air Poliution Control System in various Locations viz. Coal Crusher, Stock House, Cooler Discharge, Product House, Intermediate bin, Induction Furnace, and Rotary Kiln with Waste Heat Recovery System attached.

## 2. Objective: - Performance Test Monitoring Report of Air Pollution Control Device (APCD)

### Technical Team: -

*Mr. Umesh Das – Laboratory Head*

*Mr. Brij Nandan Kumar- Technical Head*

*Mr. Amit Kumar – Section Head*

*Mr. Pandab Mahto – Field Monitoring Head*



### 3. Technical Specifications of Air Pollution Control Devices

#### I. Specification of Coal Crusher Bag Filter

Air Volume Supply	10000	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m <sup>2</sup>
Existing no. of bags	100	nos.
Total filter area	172.4	m <sup>2</sup>
Air to cloth ratio	58.00	m <sup>3</sup> /hr/ m <sup>2</sup>

#### II. Specification of Stock House Bag Filter

Air Volume Supply	10000	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m <sup>2</sup>
Existing no. of bags	80.0	nos.
Total filter area	172.4	m <sup>2</sup>
Air to cloth ratio	58.00	m <sup>3</sup> /hr/ m <sup>2</sup>

#### III. Specification of Intermediate Bin Bag Filter No.1

	<b>I/Bin 1</b>	
Air Volume Supply	10000	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m <sup>2</sup>
Existing no. of bags	90	nos.
Total filter area	155.16	m <sup>2</sup>
Air to cloth ratio	64.45	m <sup>3</sup> /hr/ m <sup>2</sup>

#### IV. Specification of Intermediate Bin Bag Filter No. 2

	<b>I/Bin 2</b>	
Air Volume Supply	10000	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m <sup>2</sup>
Existing no. of bags	100	nos.
Total filter area	172.4	m <sup>2</sup>
Air to cloth ratio	58.00	m <sup>3</sup> /hr/ m <sup>2</sup>



**V. Specification of Cooler Discharge (1&2) Bag Filter**

**CD 1&2**

Air Volume Supply	25000	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m
Existing no. of bags	180.0	nos.
Total filter area	310.3	m <sup>2</sup>
Air to cloth ratio	80.56	m <sup>3</sup> /hr/ m <sup>2</sup>

**VI. Specification of Cooler Discharge (3 & 4) Bag Filter**

**CD 3&4**

Air Volume Supply	27500	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m
Existing no. of bags	168.0	nos.
Total filter area	310.3	m <sup>2</sup>
Air to cloth ratio	88.62	m <sup>3</sup> /hr/ m <sup>2</sup>

**VII. Specification of Product House No. 1 Bag filter**

**Product House-1**

Air Volume Supply	40000	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m
Existing no. of bags	264.0	nos.
Total filter area	456.8	m <sup>2</sup>
Air to cloth ratio	87.57	m <sup>3</sup> /hr/ m <sup>2</sup>

**VIII. Specification of Product House No. 2 Bag filter**

**Product House-2**

Air Volume Supply	40000	m <sup>3</sup> /hr
<b>Bag Size</b>		
Diameter of bag	0.15	m
Length of bag	3.66	m
Each bag filtering area	1.724	m
Existing no. of bags	264.0	nos.
Total filter area	456.8	m <sup>2</sup>
Air to cloth ratio	87.57	m <sup>3</sup> /hr/ m <sup>2</sup>





**IX. Specification of ESP for Each Kiin**

**ESP 1 & 2**

Air volume Supply	80000	m <sup>3</sup> /hr
No. of Field	2	
Collecting Electrode Size	8840 x 2246	mm
*Voitage Distance 175 X 175		
Collecting electrode Spacing	400	mm
Discharge electrode length	9000	mm
Transformer capacity	43.99	KVA

\*Distance between collecting and discharge electrode

**X. Specification of ESP for Each Kiin**

**ESP 3 & 4**

Air volume Supply	80000	m <sup>3</sup> /hr
No. of Field	2	
Collecting Electrode Size	7000 x 500	mm
*Voltage Distance 175 X 175		
Collecting electrode Spacing	400	mm
Discharge electrode length	9000	mm
Transformer capacity	43.99	KVA

\*Distance between collecting and discharge electrode

**XI. Specification of Induction Furnace Venturi Scrubber**

In this Unit, Two Induction furnaces are Running 12 x 3

Air Volume Supply (for two no. of induction furnace)	45000	m <sup>3</sup> /hr
Venturi throat diameter	300	mm WG
Water Consumption	20000 – 2500	L/hr
Fan motor rating	45	KW
Crucible diameter for the furnace For 12 MT capacity	1560	mm



#### 4. Performance of Air Pollution Control Device: -

##### 1. Coal Crusher Bag Filter Performance

Date of Sampling : - 21-01-2024  
Stack attached to : - Bag Filter  
Stack height from G.L. : - 30m  
Stack Diameter at port hole : - 0.7 m  
Stack Port Hole Height : - 09 m

Description: -Pollution Control Equipment Bag filter attached to Coal Crusher Unit, the height of the stack is 30 meters and the diameter of stack is 0.7 meter

##### Monitoring of flue gas before Bag Filter:

Flue Gas Temperature : - 321 °K  
Flue Gas Velocity : - 7.99 m/s  
Volumetric Flow Rate : - 9862.55 Nm<sup>3</sup>/hr  
Dust Concentration : - 5175.90 mg/Nm<sup>3</sup>

##### Monitoring of flue gas after Bag filter:

Ambient Air Temperature : - 293 °K  
Flue Gas Temperature : - 316 °K  
Flue Gas Velocity : - 7.48 m/s  
Volumetric Flow Rate : - 9385.91 Nm<sup>3</sup>/hr  
Dust Concentration : - 27.75 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter :- **99.30 %**



## II. Stock House Bag Filter performance

Date of Sampling :- 21-01-2024  
Stack attached to :- Bag Filter  
Stack height from G.L. :- 30 m  
Stack Diameter at port hole :- 0.7 m

Description: -Pollution Control Equipment Bag filter attached to Stock House Unit, the height of the stack is 30 meter and the diameter of stack is 0.7 meter

### Monitoring of flue gas before Bag Filter:

Ambient Air Temperature :- 29<sup>o</sup>K  
Flue Gas Temperature :- 320 <sup>o</sup>K  
Flue Gas Velocity :- 7.89 m/s  
Volumetric Flow Rate :- 9770.48 Nm<sup>3</sup>/hr  
Dust Concentration :- 3980.91 mg/Nm<sup>3</sup>

### Monitoring of flue gas after Bag filter:

Ambient Air Temperature :- 290 <sup>o</sup>K  
Flue Gas Temperature :- 318 <sup>o</sup>K  
Flue Gas Velocity :- 7.51 m/s  
Volumetric Flow Rate :- 9356.35 Nm<sup>3</sup>/hr  
Dust Concentration :- 27.58 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter: - **99.28 %**



### III. Cooler Discharge (1& 2) Bag Filter Performance

Date of Sampling : - 21-01-2024  
Stack attached to : - Bag Filter  
Stack height from G.L. : - 30 m  
Stack Diameter at port hole : - 0.7 m

Description: -Pollution Control Equipment Bag filter attached to Cooler Discharge (1&2), the height of the stack is 30 meter and the diameter of stack is 0.7 meter

#### Monitoring of flue gas before Bag Filter:

Ambient Air Temperature : - 292 °K  
Flue Gas Temperature : - 445 °K  
Flue Gas Velocity : - 21.90 m/s  
Volumetric Flow Rate : - 19633.48 Nm<sup>3</sup>/hr  
Dust Concentration : - 3310.79 mg/Nm<sup>3</sup>

#### Monitoring of flue gas after Bag filter:

Ambient Air Temperature : - 292 °K  
Flue Gas Temperature : - 440 °K  
Flue Gas Velocity : - 19.96 m/s  
Volumetric Flow Rate : - 17980.82 Nm<sup>3</sup>/hr  
Dust Concentration : - 21.89 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter : - **99.34 %**



#### IV. Cooler Discharge (3&4) Bag Filter Performance

Date of Sampling : - 22-01-2024  
Stack attached to : - Bag Filter  
Stack height from G.L. : - 30 m  
Stack Diameter at Port hole : - 0.7 m

Description: -Pollution Control Equipment Bag filter attached to Cooler Discharge (3&4), the height of the stack is 30 meter and the diameter of stack is 0.7 meter

##### Monitoring of flue gas before Bag Filter:

Ambient Air Temperature : - 293 °K  
Flue Gas Temperature : - 443 °K  
Flue Gas Velocity : - 23.24 m/s  
Volumetric Flow Rate : - 20794.66 Nm<sup>3</sup>/hr  
Dust Concentration : - 3155.01 mg/Nm<sup>3</sup>

##### Monitoring of flue gas after Bag filter:

Ambient Air Temperature : - 293 °K  
Flue Gas Temperature : - 439 °K  
Flue Gas Velocity : - 20.97 m/s  
Volumetric Flow Rate : - 18930.24 Nm<sup>3</sup>/hr  
Dust Concentration : - 18.05 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter : - **99.42 %**



## V. Intermediate Bin Bag Filter-1 Performance

Date of Sampling : - 22-01-2024  
Stack attached to : - Bag Filter  
Stack height from G.L. : - 30 m  
Stack Diameter at port hole : - 0.7 m

Description: -Pollution Control Equipment Bag filter attached to Intermediate Bin-1, the height of the stack is 30 meter and the diameter of stack is 0.7 meter

### Monitoring of flue before Bag Filter:

Ambient Air Temperature : - 289 °K  
Flue Gas Temperature : - 428 °K  
Flue Gas Velocity : - 8.71 m/s  
Volumetric Flow Rate : - 8061.64 Nm<sup>3</sup>/hr  
Dust Concentration : - 2078.88 mg/Nm<sup>3</sup>

### Monitoring of flue after Bag filter:

Ambient Air Temperature : - 288 °K  
Flue Gas Temperature : - 420 °K  
Flue Gas Velocity : - 8.30 m/s  
Volumetric Flow Rate : - 7836.64 Nm<sup>3</sup>/hr  
Dust Concentration : - 23.09 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter : - **98.88 %**



## VI. Intermediate Bin Bag Filter 2 Performance

Date of Sampling :- 23-01-2024  
Stack attached to :- Bag Filter  
Stack height from G.L. :- 30 m  
Stack Diameter at port hole :- 0.7 m

Description: -Pollution Control Equipment Bag filter attached to Stock House Unit, the height of the stack is 30 meter and the diameter of stack is 0.7 meter

### Monitoring of flue before Bag Filter:

Ambient Air Temperature :- 294 °K  
Flue Gas Temperature :- 426 °K  
Flue Gas Velocity :- 9.67 m/s  
Volumetric Flow Rate :- 8996.44 Nm<sup>3</sup>/hr  
Dust Concentration :- 2359.77 mg/Nm<sup>3</sup>

### Monitoring of flue after Bag filter:

Ambient Air Temperature :- 292 °K  
Flue Gas Temperature :- 419 °K  
Flue Gas Velocity :- 8.81 m/s  
Volumetric Flow Rate :- 8331.56 Nm<sup>3</sup>/hr  
Dust Concentration :- 21.50 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter :- **99.08 %**



## VII. Product House -1 Bag filter Performance

Date of Sampling : - 23-01-2024  
Stack attached to : - Bag Filter  
Stack height from G.L. : - 30 m  
Stack Diameter at port hole : - 0.7 m

Description: -Pollution Control Equipment Bag filter attached to Product House-1, the height of the stack is 30 meter and the diameter of stack is 0.7 meter

### Monitoring of flue before Bag Filter:

Ambient Air Temperature : - 295 °K  
Flue Gas Temperature : - 399 °K  
Flue Gas Velocity : - 29.05 m/s  
Volumetric Flow Rate : - 28857.32 Nm<sup>3</sup>/hr  
Dust Concentration : - 3977.62 mg/Nm<sup>3</sup>

### Monitoring of flue after Bag filter:

Ambient Air Temperature : - 294 °K  
Flue Gas Temperature : - 390 °K  
Flue Gas Velocity : - 22.69 m/s  
Volumetric Flow Rate : - 22850.26 Nm<sup>3</sup>/hr  
Dust Concentration : - 22.69 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter : - **99.42 %**





**VIII. Product House -2 Bag filter Performance**

Date of Sampling : - 23-01-2024  
Stack attached to : - Bag Filter  
Stack height from G.L. : - 30 m  
Stack Diameter at port hole : - 0.7 m

Description: -Pollution Control Equipment Bag filter attached to Product House-2, the height of the stack is 30 meter and the diameter of stack is 0.7 meter

Monitoring of flue gas before Bag Filter:

Ambient Air Temperature : - 294 °K  
Flue Gas Temperature : - 397 °K  
Flue Gas Velocity : - 28.68 m/s  
Volumetric Flow Rate : - 28633.19 Nm<sup>3</sup>/hr  
Dust Concentration : - 3954.62 mg/Nm<sup>3</sup>

Monitoring of flue gas after Bag filter:

Ambient Air Temperature : - 295 °K  
Flue Gas Temperature : - 388 °K  
Flue Gas Velocity : - 22.04 m/s  
Volumetric Flow Rate : - 22510.44 Nm<sup>3</sup>/hr  
Dust Concentration : - 23.32 mg/Nm<sup>3</sup>

Efficiency of the Bag Filter : - **99.38 %**



**IX. ESP-1 Performance**

Date of Sampling :- 24-01-2024  
Stack attached to :- ESP-1  
Stack height from G.L. :- 55 m  
Stack Diameter at port hole :- 1.8 m

Description: -Pollution Control Equipment ESP-1 attached to Kiln-1, the height of the stack is 55 meter and the diameter of stack is 1.8 meter.

Monitoring of flue gas before ESP:

Ambient Air Temperature :- 293 °K  
Flue Gas Temperature :- 428 °K  
Flue Gas Velocity :- 3.44 m/s  
Volumetric Flow Rate :- 79829.86 Nm<sup>3</sup>/hr  
Dust Concentration :- 15268.62 mg/Nm<sup>3</sup>

Monitoring of flue gas after ESP:

Ambient Air Temperature :- 293 °K  
Flue Gas Temperature :- 365 °K  
Flue Gas Velocity :- 11.09 m/s  
Volumetric Flow Rate :- 79596.54 Nm<sup>3</sup>/hr  
Dust Concentration :- 29.75 mg/Nm<sup>3</sup>

Efficiency of the ESP :- **99.80 %**



## X. ESP-2 Performance

Date of Sampling	: -	24-01-2024
Stack attached to	: -	ESP-2
Stack height from G.L.	: -	55 m
Stack Diameter at port hole	: -	1.8 m

Description: -Pollution Control Equipment ESP-2 attached to Kiln-2, the height of the stack is 55 meter and the diameter of stack is 1.8 meter.

### Monitoring of flue gas before ESP:

Ambient Air Temperature	: -	294 °K
Flue Gas Temperature	: -	429 °K
Flue Gas Velocity	: -	12.98 m/s
Volumetric Flow Rate	: -	79310.2 Nm <sup>3</sup> /hr
Dust Concentration	: -	14849.69 mg/Nm <sup>3</sup>

### Monitoring of flue gas after ESP:

Ambient Air Temperature	: -	292 °K
Flue Gas Temperature	: -	364 °K
Flue Gas Velocity	: -	11.0 m/s
Volumetric Flow Rate	: -	79201.18 Nm <sup>3</sup> /hr
Dust Concentration	: -	2.17 mg/Nm <sup>3</sup>

Efficiency of the ESP : - **99.81 %**



## XI. ESP-3 Performance

Date of Sampling : - 24-01-2024  
Stack attached to : - ESP-3  
Stack height from G.L. : - 55 m  
Stack Diameter at port hole : - 1.8 m

Description: -Pollution Control Equipment ESP-3 attached to Kiln-3, the height of the stack is 55 meter and the diameter of stack is 1.8 meter.

### Outlet Monitoring of flue gas after Bag Filter:

Ambient Air Temperature : - 290 °K  
Flue Gas Temperature : - 427.0 °K  
Flue Gas Velocity : - 12.81 m/s  
Volumetric Flow Rate : - 78617.29 Nm<sup>3</sup>/hr  
Dust Concentration : - 15255.02 mg/Nm<sup>3</sup>

### Monitoring of flue gas after ESP:

Ambient Air Temperature : - 291 °K  
Flue Gas Temperature : - 361 °K  
Flue Gas Velocity : - 12.08 m/s  
Volumetric Flow Rate : - 77424.67 Nm<sup>3</sup>/hr  
Dust Concentration : - 27.23 mg/Nm<sup>3</sup>

Efficiency of the ESP : - **99.82 %**



## XII. ESP-4 Performance

Date of Sampling	: -	24-01-2024
Stack attached to	: -	ESP-4
Stack height from G.L.	: -	55 m
Stack Diameter at port hole	: -	1.8 m

Description: -Pollution Control Equipment ESP-4 attached to Kiln-4, the height of the stack is 55 meters and the diameter of stack is 1.8 meters.

### Monitoring of flue gas before ESP:

Ambient Air Temperature	: -	293 °K
Flue Gas Temperature	: -	425 °K
Flue Gas Velocity	: -	12.85 m/s
Volumetric Flow Rate	: -	79255.48 Nm <sup>3</sup> /hr
Dust Concentration	: -	15381.40 mg/Nm <sup>3</sup>

### Monitoring of flue gas after ESP:

Ambient Air Temperature	: -	293 °K
Flue Gas Temperature	: -	359 °K
Flue Gas Velocity	: -	10.78 m/s
Volumetric Flow Rate	: -	78724.11 Nm <sup>3</sup> /hr
Dust Concentration	: -	28.04 mg/Nm <sup>3</sup>

<u>Efficiency of the ESP</u>	: -	<b>99.81 %</b>
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### XIII. Induction Furnace Venturi Scrubber Performance

Date of Sampling : - 22-01-2024  
Stack attached to : - Venturi Scrubber  
Stack height from G.L. : - 30 m  
Stack Diameter at port hole : - 0.7 m

Description: -Pollution Control Equipment Venturi Scrubber attached to Induction Furnace, the height of the stack is 30 meter and the diameter of stack is 0.7 meter.

#### Monitoring of flue gas before Venturi Scrubber:

Ambient Air Temperature : - 289 °K  
Flue Gas Temperature : - 453 °K  
Flue Gas Velocity : - 18.78 m/s  
Volumetric Flow Rate : - 16427.80 Nm<sup>3</sup>/hr  
Dust Concentration : - 1385.51 mg/Nm<sup>3</sup>

#### Monitoring of flue gas after Venturi Scrubber:

Ambient Air Temperature : - 290 °K  
Flue Gas Temperature : - 330 °K  
Flue Gas Velocity : - 11.82 m/s  
Volumetric Flow Rate : - 14194.16 Nm<sup>3</sup>/hr  
Dust Concentration : - 28.67 mg/Nm<sup>3</sup>

Efficiency of the Venturi Scrubber :- **97.93 %**



5. **Conclusion:** - The Unit has installed Various types of Air Pollution Control Devices like Bag Filter, Electrostatic precipitator, and vesture Scrubber in Various locations like Coal Crusher areas, stock houses, Cooler Discharge, Intermediate Bin, Product House, and Rotary Kilns. The Performance of all Pollution Control Devices is Satisfactory. The Inlet and Outlet Comparison with Efficiency of Pollution Control Devices Performance Given in Table No. 1

**The Summary of adequacy of each Air Pollution Control System**

Stack Attached to	Air Volume	Inlet dust concentration	Outlet duct concentration	Efficiency of APC
	m <sup>3</sup> /hr	mg/Nm <sup>3</sup>	mg/Nm <sup>3</sup>	%
Coal Crusher Bag Filter	10000	5175.90	24.44	99.52
Stock House Bag Filter	10000	3980.91	27.75	99.30
Cooler Discharge 1 & 2 Bag Filter	25000	3310.79	21.89	99.34
Cooler Discharge 3&4 Bag Filter	27500	3155.01	18.05	99.42
intermediate Bin Bag Filter- 1	10000	2078.88	23.09	98.88
intermediate Bin Bag Filter- 2	10000	2359.77	21.50	99.08
Product House 1 Bag Filter	40000	3977.62	22.69	99.42
Product House 2 Bag Filter	40000	3954.62	23.32	99.41
ESP 1	80000	15268.62	29.75	99.80
ESP 2	80000	14849.69	22.17	99.81
ESP 3	80000	15255.02	27.23	99.82
ESP 4	80000	15381.40	28.04	99.81
induction Furnace Venturi Scrubber	45000	1385.51	28.67	97.93





Fig.1 DRi Section



Fig. 2 WHRB Area







Fig. 3 ESP Front View



Fig. 4 ESP Another Side View



Latitude: 23.648685  
Longitude: 85.462968  
Elevation: 405.91±4 m  
Accuracy: 2.8 m



Fig. 5 Sample of Stack





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Jharkhand State Pollution Control Board  
Certified by :- ISO 9001:2015 and ISO 45001:2018

## Analytical Test Report

## Annexure - 11

Unique Lab Report No.		TC128872400000286				
Report Unique ID		RP0391241512		Issue date/time	13.04.2024/ 16:55	
Discipline	Chemical	Group	Atmospheric Pollution	Sub Group	Stack Emission	
<b>Report Issue to</b>						
M/s - <b>JHARKHAND ISPAT PRIVATE LIMITED</b> VILL: HESLA, PO: ARGADA, RAMGARH, JHARKHAND			Contact Person	Mr. Ram Chandra Rungta		
			Contact Number	9337292105		
			Email id	jpllegal@gmail.com		
Order Number	18984256		Order Date	06.04.2024/ 07:57		
<b>References of Quality Management System (Steps of Traceability Chain)</b>						
Customer Registration No.	EPIC/PCB/0391		Sample Booking Number	EPIC-241512		
Sample(s) Code	241512		Sample Receipt (D/T)	09.04.2024/ 13:51		
<b>Sampling References</b>						
Type of Industry	Sponge Iron		Ref. of Sampling Plan	EPIC/LAB/R/036		
Sampling method used	IS: 11255 & CPCB Guideline (Lats/80/2013-14)					
Sampling Start (D/T)	07.04.2024/ 16:00		Sampling End (D/T)	07.04.2024/ 16:53		
Mode of Sampling	Conducted by laboratory		Sample collected by	Mr. Janardan Kumar & team		
Description/condition of sample	Receipt sample(s) were fit for analysis.					
<b>Environmental Condition during sampling</b>						
Weather condition	Clear	Temperature (°C)	31	Humidity %	42	
				Wind direction	360°-180°	
<b>Sampling Location(s) with GPS coordinate(s)</b>						
S. Location	Port hole (Stack-1 Attached With WHRB-1 & 2)		GPS coordinate	23° 38' 51.34"/ 85° 27' 50.43"		
<b>Field Observations</b>						
<b>Field observation by laboratory's personnel</b>			<b>Data provided by customer</b>			
Platform	Permanent		Type of fuel Used	Coal		
Stack Description (Shape & Material)	Circular/ Metal		Quantity of Fuel Used	300TPD		
Sampling port hole	Available		Total production Capacity	200TPD		
Pollution Controlling Device (if any)	ESP		Height of Stack from ground level	55.0m		
Emission Source	Rotary Kiln		Inner Diameter of Stack	1.8m		
Total Number of Oven (if any)	N/A		Height of port hole from Ground level	25.0m		
Running Oven during sampling (if any)	N/A		ID fan capacity of PCD	N/A		
Test start date/time	09.04.2024/ 14:05		Test completion date/time	12.04.2024/ 16:36		
SI	Parameters	Test Method	Units	Results	Limits	MU %
1.	Stack gas Velocity	IS 11255 (Part 3)2018	m/s	15.21	-	-
2.	Volumetric Flow Rate	IS 11255 (Part 3)2018	Nm <sup>3</sup> /hr	89812.71	-	-
3.	Particulate Matter (PM)	IS 11255 (Part 1)2019	mg/Nm <sup>3</sup>	26.52	30.0	-
4.	Sulphur Dioxide (SO <sub>2</sub> )	IS 11255 (Part 2)2019	mg/Nm <sup>3</sup>	83.02	-	-
5.	Oxides of Nitrogen (NO <sub>x</sub> )	IS 11255 (Part 7)2022	mg/Nm <sup>3</sup>	49.47	-	-
****Test result End ****						
Prescribed Limit	As per EC Condition.					
Remarks	Unit was operational during sampling.					

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining, Temperature 25 ± 2°C and Relative Humidity 45 ± 5 % in all testing area as per IS 196:1966
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- Total liability of EPIC LabTech Pvt. Ltd. will be limited to invoiced amount only.
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinion does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report
- When the results are from external provider are marked as \* mark.

Analysed by - A.K. Sinha



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand



# EPIC LabTech Private Limited

CIN:U74999JH2022PTC019685



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Jharkhand State Pollution Control Board  
Certified by :- ISO 9001:2015 and ISO 45001:2018

## Analytical Test Report

Unique Lab Report No.		TC1288724000000287					
Report Unique ID		RP0391241513		Issue date/time	13.04.2024/ 16:59		
Discipline	Chemical	Group	Atmospheric Pollution		Sub Group	Stack Emission	
Report Issue to							
M/s - JHARKHAND ISPAT PRIVATE LIMITED VILL: HESLA, PO: ARGADA, RAMGARH, JHARKHAND			Contact Person	Mr. Ram Chandra Rungta			
			Contact Number	9337292105			
			Email Id	jpllegal@gmail.com			
Order Number	18984256		Order Date	06.04.2024/ 07:57			
References of Quality Management System (Steps of Traceability Chain)							
Customer Registration No.	EPIC/PCB/0391		Sample Booking Number	EPIC-241513			
Sample(s) Code	241513		Sample Receipt (D/T)	09.04.2024/ 13:53			
Sampling References							
Type of Industry	Sponge Iron		Ref. of Sampling Plan	EPIC/LAB/R/036			
Sampling method used	IS: 11255 & CPCB Guideline (Lats/80/2013-14)						
Sampling Start (D/T)	07.04.2024/ 17:20		Sampling End (D/T)	07.04.2024/ 18:20			
Mode of Sampling	Conducted by laboratory		Sample collected by	Mr. Janardan Kumar & team			
Description/condition of sample	Receipt sample(s) were fit for analysis.						
Environmental Condition during sampling							
Weather condition	Clear	Temperature (°C)	31	Humidity %	42	Wind direction	360°-180°
Sampling Location(s) with GPS coordinate(s)							
S. Location	Port hole (Stack-2 Attached With WHRB-3 & 4)		GPS coordinate	23° 38' 49.86"/ 85° 27' 50.62"			
Field Observations							
Field observation by laboratory's personnel			Data provided by customer				
Platform	Permanent		Type of fuel Used	Coal			
Stack Description (Shape & Material)	Circular/ Metal		Quantity of Fuel Used	300TPD			
Sampling port hole	Available		Total production Capacity	200TPD			
Pollution Controlling Device (if any)	ESP		Height of Stack from ground level	55.0m			
Emission Source	Rotary Kiln		Inner Diameter of Stack	1.8m			
Total Number of Oven (if any)	N/A		Height of port hole from Ground level	25.0m			
Running Oven during sampling (if any)	N/A		ID fan capacity of PCD	N/A			
Test start date/time	09.04.2024/ 14:15		Test completion date/time	12.04.2024/ 16:41			
SI	Parameters	Test Method	Units	Results	Limits	MU %	
1.	Stack gas Velocity	IS 11255 (Part 3)2018	m/s	16.26	-	-	
2.	Volumetric Flow Rate	IS 11255 (Part 3)2018	Nm³/hr	92848.72	-	-	
3.	Particulate Matter (PM)	IS 11255 (Part 1)2019	mg/Nm³	28.00	30.0	-	
4.	Sulphur Dioxide (SO₂)	IS 11255 (Part 2)2019	mg/Nm³	99.63	-	-	
5.	Oxides of Nitrogen (NOₓ)	IS 11255 (Part 7)2022	mg/Nm³	55.66	-	-	
****Test result End****							
Prescribed Limit	As per EC Condition.						
Remarks	Unit was operational during sampling,						

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
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- Opinion does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as \* mark.

Analysed by - A.K. Sinha



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
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Jharkhand Ispat Pvt Ltd  
Photographs of Ambient Air Quality Monitoring Station





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Jharkhand State Pollution Control Board  
Certified by :- ISO 9001:2015 and ISO 45001:2018

TC-12887

## Annexure - 13

### Analytical Test Report

Unique Lab Report No.	TC1288724000000786	Discipline	Chemical
Report Unique ID	RL0077244609	Group	Atmospheric Pollution
Issue date/time	15.11.2024/ 11:20	Sub Group	Fugitive Emission

#### Report Issue to

M/s – <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO – HESLA, ARGADA DIST.-RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email Id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2023-24</b>	Order Date	<b>05.04.2024/ 12:30</b>

#### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0077	Sample Booking Number	EPIC-244609
Sample(s) Code	244609-(A), (B)	Sample Receipt (D/T)	12.11.2024/ 11:20

#### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS 5182 and CPCB Air Manual Volume – 1 (NAAQM/36/2012-13)		
Sampling Start (D/T)	11.11.2024/ 09:00	Sampling End (D/T)	11.11.2024/ 17:40
Mode of Sampling	Conducted by laboratory	Sample collected by	Mr. Birsing Mahto & team
Description/condition of sample	Receipt sample(s) were fit for analysis		

#### Environmental Condition during sampling

Weather condition	Clear	Temperature (°C)	29	Humidity %	65	Wind direction	30°-150°
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#### Sampling Location(s) with GPS coordinate(s)

S. Location A	10m away from Raw Material Handling Area	GPS coordinate	23° 38' 56.98" / 85° 27' 49.05"
S. Location B	10m away from Product Handling Area	GPS coordinate	23° 38' 56.15" / 85° 27' 54.13"

#### Date(s) of performance of the laboratory activities

Test start date/time	12.11.2024/ 11:35	Test completion date/time	14.11.2024/ 12:00
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Sl	Tested Parameters	Method used	Unit	Results		Limits	MU%
				A	B		
1.	Suspended Particulate Matter (SPM)	IS:5182 (P-04) 2019	µg/m <sup>3</sup>	1934.88	1700.89	2000	± 0.44

–Test result End –

Prescribed Limit	Environmental (Protection) Rules-1986, Schedule I, Serial No. 99
Operational Status	Unit was operational during sampling.
Remarks	All tested parameters are well within the prescribed limit.

#### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining, Temperature 25 ± 2°C and Relative Humidity 45 ± 5 % in all testing area as per IS 196:1966
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
- Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com)
- Total liability of EPIC Lab Tech Pvt. Ltd. will be limited to invoiced amount only.
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinion does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as " mark.

Analysed by – A.K. Sinha



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand



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 Jharkhand State Pollution Control Board  
 Certified by :- ISO 9001:2015 and ISO 45001:2018

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## Analytical Test Report

## Annexure - 14

Unique Lab Report No.		TC1288724000000302			
Report Unique ID		RL0041241507		Issue date/time	
				22.04.2024/ 12:28	
Discipline	Chemical	Group	Water	Sub Group	Groundwater

### Report Issue to

M/s- <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO – HESLA, ARGADA, DIST.-RAMGARH, JHARKHAND-829101		Contact Person	Mr. Manoj Kumar
		Contact Number	+91 9337292105
		Email Id	jam.env2018@gmail.com
Order Number	<b>JIPL/2024-25</b>	Order Date	<b>05.04.2024/ 11:15</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0041	Sample Booking Number	EPIC-241507
Sample(s) Code	241507	Sample Receipt (D/T)	09.04.2024/ 11:20

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS : 3025 (Part-1) 1987, R-2003		
Sampling Start (D/T)	08.04.2024/ 09:20	Sampling End (D/T)	08.04.2024/ 09:25
Mode of Sampling	Conducted by Laboratory	Sample collected by	Mr. Janardan Kumar & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Cloudy	Temperature (°C)	27	Humidity %	65	Wind direction	270°-90°
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### Sampling Location(s) with GPS coordinate(s)

S. Location A	Borewell	GPS coordinate	23° 38' 53.92" / 85° 27' 46.23"
Test start date	09.04.2024/ 11:28	Test completion date	11.04.2024/ 14:10

Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Conductivity	IS 3025 (P-14) 2019	µs/cm	1440.00	-	±0.15
2.	Turbidity	IS 3025 (P-10) 1984	NTU	2.04	5	±11.92
3.	pH value at 25°C	IS 3025 (P-11) 2022	-	07.20	6.5-8.5	±0.24
4.	Colour	IS 3025 (P-04) 2021	Hazen	10	15	±22.22
5.	Odour	IS 3025 (P-05) 2018	-	Agreeable	Agreeable	-
6.	Taste	IS 3025 (P-07) 2017	-	Agreeable	Agreeable	-
7.	Total Dissolved Solids (TDS)	IS 3025 (P-16) 2023	mg/l	774.00	2000	±0.48
8.	Calcium (as Ca)	IS 3025 (P-40) 1991	mg/l	132.26	200	±2.28
9.	Total Alkalinity(as CaCO <sub>3</sub> )	IS 3025 (P-23) 2019	mg/l	148.00	600	±15.80
10.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025 (P-21) 2009	mg/l	366.00	600	±0.82
11.	Chloride (as Cl)	IS 3025 (P-32) 2019	mg/l	138.95	1000	±2.58
12.	Free Residual Chlorine	IS 3025 (P-26) 1986	mg/l	BDL(MDL-0.4)	1.0	±3.22
13.	Sulphate (as SO <sub>4</sub> )	IS 3025 (P-24/Sec-1)2022	mg/l	90.00	400	±0.38
14.	Magnesium (as Mg)	APHA 3500 Mg E 2023	mg/l	36.00	100	±1.61
15.	Nitrate (as NO <sub>3</sub> )	APHA 4500 B 2023	mg/l	2.38	45	±0.56

### Residues and Contaminants in Water- Trace Metals Elements-Analysis on 09.04.2024/ 11:15 to 18.04.2024/ 15:48

16.	Copper(as Cu)	APHA 3111 B 2023	mg/l	BDL(MDL-0.2)	1.5	±2.52
17.	Iron (as Fe)	APHA 3111 B 2023	mg/l	0.33	1.0	±5.17
18.	Lead (as Pb)	APHA 3111 B 2023	mg/l	BDL(MDL-0.3)	-	±2.23
19.	Cadmium (as Cd)	APHA 3111 B 2023	mg/l	BDL(MDL-0.05)	-	±6.15
20.	Chromium (as Cr)	APHA 3111 B 2023	mg/l	BDL(MDL-0.3)	-	±2.15
21.	Nickel (as Ni)	APHA 3111 B 2023	mg/l	BDL(MDL-0.5)	-	±4.11



Accredited by :- NABL vide certificate Number TC- 12887  
Jharkhand State Pollution Control Board  
Certified by :- ISO 9001:2015 and ISO 45001:2018

## Analytical Test Report

Unique Lab Report No.		TC128872400000302			
Report Unique ID		RL0041241507		issue date/time	22.04.2024/ 12:28
Discipline	Chemical	Group	Water	Sub Group	Groundwater

### Report Issue to

M/s- <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO – HESLA, ARGADA, DIST.-RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email Id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2024-25</b>	Order Date	<b>05.04.2024/ 11:15</b>

22.	Arsenic (as As)	APHA 3114 B 2023	mg/l	BDL(MDL-0.005)	0.01	±7.52
23.	Zinc(as Zn)	APHA 3111 B 2023	mg/l	0.2	15	±5.72

–Test result End –

Prescribed Limit	IS 10500:2021
Remarks	Unit was operational during sampling.


### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining, Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1966
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
- Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com)
- Total liability of EPIC LabTech Pvt/ Ltd. will be limited to invoiced amount only.
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as \* mark.

Analysed by – Prauma Kumari/ Nisha Kumari



  
**Checked by**  
 (B.N. Kumar)  
 Technical Head

  
**Verified & Issue by**  
 (Umesh Das)  
 Laboratory Head  
 Authorized Signatory  
**EPIC LabTech Pvt. Ltd.**  
 Ranchi, Jharkhand





Certified by :- ISO 9001:2015 (Quality Management System),  
ISO 45001:2018 (Occupational Health & Safety Management System)  
Accredited by :- Jharkhand State Pollution Control Board

## Analytical Test Report

Report Unique ID		RL0041241507		Issue date/time		22.04.2024/ 12:43	
Discipline	Chemical	Group	Water	Sub Group	Groundwater		

### Report Issue to

M/s- <b>JHARKHAND ISPAT PRIVATE LIMITED</b> VIII. & PO - HESLA, ARGADA, DIST.-RAMGARH, JHARKHAND-829101		Contact Person	Mr. Manoj Kumar
		Contact Number	+91 9337292105
		Email id	jam.env2018@gmail.com
Order Number	<b>JIPL/2024-25</b>	Order Date	<b>05.04.2024/ 11:15</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0041	Sample Booking Number	EPIC-241507
Sample(s) Code	241507	Sample Receipt (D/T)	09.04.2024/ 11:20

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS : 3025 (Part-1) 1987, R-2003		
Sampling Start (D/T)	08.04.2024/ 09:20	Sampling End (D/T)	08.04.2024/ 09:25
Mode of Sampling	Conducted by Laboratory	Sample collected by	Mr. Janardan Kumar & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Cloudy	Temperature (°C)	27	Humidity %	65	Wind direction	270°-90°
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### Sampling Location(s) with GPS coordinate(s)

S. Location A	Borewell	GPS coordinate	23° 38' 53.92" / 85° 27' 46.23"
Test start date	09.04.2024/ 11:28	Test completion date	11.04.2024/ 14:10

Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Phosphate (as PO <sub>4</sub> )	IS 3025 (P-24/Sec-1) 2022	mg/l	0.65	-	-
2.	Fluoride (as F)	APHA 4500 F-C 2023	mg/l	BDL(MDL-0.01)	1.5	-
3.	Cyanide (as CN)	APHA 4500 CN - D 2023	mg/l	BDL(MDL-1)	-	-

### Residues and Contaminants in Water- Trace Metals Elements-Analysis on 09.04.2024/ 11:15 to 18.04.2024/ 15:48

4.	Mercury (as Hg)	APHA 3112 B 2023	mg/l	BDL(MDL-0.005)	-	-
5.	Aluminium(as Al)	IS 3025 (P-55) 2003	mg/l	BDL(MDL-0.1)	0.2	-

-Test result End-

Prescribed Limit	IS 10500:2021
Remarks	Unit was operational during sampling.

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining, Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1966
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- When the results are from external provider are marked as \* mark.

Analysed by - Pratima Kumari/ Nisha Kumari



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand



Certified by :- ISO 9001:2015 (Quality Management System),  
ISO 45001:2018 (Occupational Health & Safety Management System)  
Accredited by :- Jharkhand State Pollution Control Board

## Analytical Test Report

Report Unique ID	RL0041241508	Issue date/time	22.04.2024/ 12:48		
Discipline	Biological	Group	Water	Sub Group	Groundwater

### Report Issue to

M/s- <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO - HESLA, ARGADA, DIST.-RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email Id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2024-25</b>	Order Date	<b>05.04.2024/ 11:15</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0041	Sample Booking Number	EPIC-241508
Sample(s) Code	241508	Sample Receipt (D/T)	09.04.2024/ 11:25

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS : 3025 (Part-1) 1987, R-2003		
Sampling Start (D/T)	08.04.2024/ 09:20	Sampling End (D/T)	08.04.2024/ 09:25
Mode of Sampling	Conducted by Laboratory	Sample collected by	Mr. Janardan Kumar & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Cloudy	Temperature (°C)	27	Humidity %	65	Wind direction	270°-90°
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### Sampling Location(s) with GPS coordinate(s)

S. Location A	Borewell	GPS coordinate	23° 38' 53.92" / 85° 27' 46.23"
Test start date	09.04.2024/ 11:28	Test completion date	16.04.2024/ 14:10

Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Total Coliform	IS 1622-2000	MPN/100	BDL(MDL-1.8)	Shall not be detectable in any 100ml sample.	-
2.	Fecal Coliform	IS 1622-2000	MPN/100	BDL(MDL-1.8)	-	-

--Test result End --

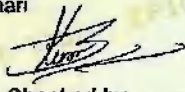
Prescribed Limit	IS 10500:2021
Remarks	Unit was operational during sampling.

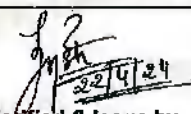
### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining, Temperature  $25 \pm 2^{\circ}\text{C}$  and Relative Humidity  $65 \pm 5\%$  in all testing area as per IS 196:1986
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
- Any complaint about this report should be communicated in writing within 10 days of its issue ([epiclabtech@gmail.com](mailto:epiclabtech@gmail.com))
- Total liability of EPIC LabTech Pvt/ Ltd, will be limited to invoiced amount only.
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as \* mark.

Analysed by - Prabima Kumari/ Nisha Kumari



  
Checked by  
(B.N. Kumar)  
Technical Head

  
22/4/24  
Verified & Issue by  
(Umesh Das)  
Laboratory Head  
Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand



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ISO 45001:2018 (Occupational Health & Safety Management System)  
Accredited by :- Jharkhand State Pollution Control Board

## Analytical Test Report

<b>Report Unique ID</b>	<b>RL0041241507</b>	<b>Issue date/time</b>	<b>22.04.2024/ 12:46</b>
<b>Discipline</b>	Chemical	<b>Group</b>	Water
		<b>Sub Group</b>	

### Report Issue to

M/s- <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO - HESLA, ARGADA, DIST.-RAMGARH, JHARKHAND-829101	<b>Contact Person</b>	Mr. Manoj Kumar	
	<b>Contact Number</b>	+91 9337292105	
	<b>Email Id</b>	jam.env2018@gmail.com	
<b>Order Number</b>	<b>JIPL/2024-25</b>	<b>Order Date</b>	<b>05.04.2024/ 11:15</b>

### References of Quality Management System (Steps of Traceability Chain)

<b>Customer Registration No.</b>	EPIC/OTH/0041	<b>Sample Booking Number</b>	EPIC-241507
<b>Sample(s) Code</b>	241507	<b>Sample Receipt (D/T)</b>	09.04.2024/ 11:20

### Sampling References

<b>Type of industry</b>	Sponge Iron	<b>Ref. of Sampling Plan</b>	EPIC/LAB/R/036
<b>Sampling method used</b>	IS : 3025 (Part-1) 1987, R-2003		
<b>Sampling Start (D/T)</b>	08.04.2024/ 09:20	<b>Sampling End (D/T)</b>	08.04.2024/ 09:25
<b>Mode of Sampling</b>	Conducted by Laboratory	<b>Sample collected by</b>	Mr. Janardan Kumar & team
<b>Description/condition of sample</b>	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

<b>Weather condition</b>	Cloudy	<b>Temperature (°C)</b>	27	<b>Humidity %</b>	65	<b>Wind direction</b>	270°-90°
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### Sampling Location(s) with GPS coordinate(s)

<b>S. Location A</b>	Borewell (Near Main Gate)	<b>GPS coordinate</b>	23° 38' 53.92"/ 85° 27' 46.23"
<b>Test start date</b>	09.04.2024/ 11:28	<b>Test completion date</b>	11.04.2024/ 14:10

Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Ground Water Level	EPIC/LAB/SOP/WA/01/00	mbgl	7.8	-	-

---Test result End---

<b>Prescribed Limit</b>	N/A
<b>Remarks</b>	Unit was operational during sampling.

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining, Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1966
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
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- When the results are from external provider are marked as \* mark.



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand



Certified by :- ISO 9001:2015 (Quality Management System),  
 ISO 45001:2018 (Occupational Health & Safety Management System)  
 Accredited by :- Jharkhand State Pollution Control Board

## Analytical Test Report

Unique Lab Report No.	N/A	Discipline	Biology
Report Unique ID	RL0077244610	Group	Water
Issue date/time	18.11.2024/ 11:45	Sub Group	Groundwater

### Report Issue to

M/s - <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO - HESLA, ARGADA DIST. -RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2023-24</b>	Order Date	<b>05.04.2024/ 12:30</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0077	Sample Booking Number	EPIC-244610
Sample(s) Code	244610	Sample Receipt (D/T)	12.11.2024/ 11:22

### Sampling References

Type of industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS : 3025 (Part-1) 1987, R-2003 & IS 1622		
Sampling Start (D/T)	11.11.2024/ 10:20	Sampling End (D/T)	11.11.2024/ 10:40
Mode of Sampling	Conducted by Laboratory	Sample collected by	Mr. Birsing Mahto & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Cloudy	Temperature (°C)	27	Humidity %	65	Wind direction	270°-90°
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### Sampling Location(s) with GPS coordinate(s)

S. Location A	Bore well	GPS coordinate	23° 38' 53.92"/ 85° 27' 46.23"
Test start date	12.11.2024/ 11:35	Test completion date	16.11.2024/ 16:58

Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Total Coliform	IS 1622-2000	MPN/100	BDL(MDL-1.8)	Shall not be detectable in any 100ml sample.	-
2.	Fecal Coliform	IS 1622-2000	MPN/100	BDL(MDL-1.8)		-

--Test result End --


Prescribed Limit	IS 10500:2021
Operational Status	Unit was operational during sampling.
Remarks	All tested parameters are well within the prescribed limit.


### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1966
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
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- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as \* mark.

Analysed by -Pratima Kumari/ Nisha Kumari



  
 Checked by  
 (B.N. Kumar)  
 Technical Head

  
 Verified & Issue by  
 (Umesh Oas)  
 Laboratory Head  
 Authorized Signatory  
 EPIC LabTech Pvt. Ltd.  
 Ranchi, Jharkhand



Certified by :- ISO 9001:2015 (Quality Management System),  
 ISO 45001:2018 (Occupational Health & Safety Management System)  
 Accredited by :- Jharkhand State Pollution Control Board

## Analytical Test Report

Unique Lab Report No.	N/A	Discipline	Chemical
Report Unique ID	RL0077244610	Group	Water
Issue datatime	18.11.2024/ 11:45	Sub Group	Groundwater

### Report Issue to

M/s - <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Viii. & PO - HESLA, ARGADA DIST.-RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email Id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2023-24</b>	Order Date	<b>05.04.2024/ 12:30</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0077	Sample Booking Number	EPIC-244610
Sample(s) Code	244610	Sample Receipt (D/T)	12.11.2024/ 11:22

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS : 3025 (Part-1) 1987, R-2003		
Sampling Start (D/T)	11.11.2024/ 10:20	Sampling End (D/T)	11.11.2024/ 10:40
Mode of Sampling	Conducted by Laboratory	Sample collected by	Mr. Ajay Kumar & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Cloudy	Temperature (°C)	27	Humidity %	65	Wind direction	270°-90°
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### Sampling Location(s) with GPS coordinate(s)

S. Location A	Bore well	GPS coordinate	23° 38' 53.92" / 85° 27' 46.23"
Test start date	12.11.2024/ 11:35	Test completion date	15.11.2024/ 16:58

Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Phosphate (as PO <sub>4</sub> )	IS 3025 (P-31/Sec-1)2022	mg/l	0.60	-	-
2.	Fluoride (as F)	APHA 4500 F-C 2023	mg/l	BDL(MDL-0.01)	1.5	-
3.	Cyanide (as CN)	APHA 4500 CN-D 2023	mg/l	BDL(MDL-1)	-	-
4.	Ground Water Level	EPIC/LAB/SOP/WA/01/00	mbgi	6.2		

### Residues and Contaminants in Water- Trace Metals Elements-Analysis on 12.11.2024/ 11:35 to 16.11.2024/ 16:58

5.	Mercury(as As)	APHA 3112 B 2023	mg/l	8DL(MDL-0.005)	-	-
6.	Aluminium (as Al)	IS 3025 (P-55)2003	mg/l	BDL(MDL-0.1)	0.2	-

- Test result End -

Prescribed Limit	IS 10500:2021
Operational Status	Unit was operational during sampling.
Remarks	All tested parameters are well within the prescribed limit.

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196.1966
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- When the results are from external provider are marked as \* mark.

Analysed by -Pratima Kumari/ Nisha Kumari



Checked by  
 (B.N. Kumar)  
 Technical Head

Verified & Issue by  
 (Limesh Oas)  
 Laboratory Head

Authorized Signatory  
 EPIC LabTech Pvt. Ltd.  
 Ranchi, Jharkhand



Accredited by :- NABL vide certificate Number TC- 12887  
Jharkhand State Pollution Control Board  
Certified by :- ISO 9001:2015 and ISO 45001:2018

## Analytical Test Report

Unique Lab Report No.	TC1288724000000790	Discipline	Chemical
Report Unique ID	RL0077244610	Group	Water
Issue date/time	18.11.2024/ 11:45	Sub Group	Groundwater

### Report Issue to

M/s – <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO – HESLA, ARGADA DIST.-RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email Id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2023-24</b>	Order Date	<b>05.04.2024/ 12:30</b>

20. Chromium (as Cr)	APHA 3111 B 2023	mg/l	BDL(MDL-0.3)	-	±2.15
21. Nickel (as Ni)	APHA 3111 B 2023	mg/l	BDL(MDL-0.3)	-	±4.11
22. Arsenic (as As)	APHA 3114 B 2023	mg/l	BDL(MDL-0.005)	0.01	±7.52
23. Zinc(as Zn)	APHA 3111 B 2023	mg/l	BDL(MDL-0.04)	15	±5.72

–Test result End –

Prescribed Limit	IS 10500:2021
Operational Status	Unit was operational during sampling.
Remarks	All tested parameters are well within the prescribed limit.

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining. Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1965
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
- Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com)
- Total liability of EPIC Lab Tech Pvt/ Ltd. will be limited to invoiced amount only
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinions does not imply endorsement of the tested product by laboratory. Under no circumstances. laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as \* mark.

Analysed by –Pratima Kumari/ Nisha Kuman



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand



Accredited by :- NABL vide certificate Number TC- 12887  
Jharkhand State Pollution Control Board  
Certified by :- ISO 9001:2015 and ISO 45001:2018

TC-12887

## Analytical Test Report

Unique Lab Report No.	TC1288724000000790	Discipline	Chemical
Report Unique ID	RL0077244610	Group	Water
Issue date/time	18.11.2024/ 11:45	Sub Group	Groundwater

### Report Issue to

M/s - <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO - HESLA, ARGADA DIST.-RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email Id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2023-24</b>	Order Date	<b>05.04.2024/ 12:30</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0077	Sample Booking Number	EPIC-244610
Sample(s) Code	244610	Sample Receipt (D/T)	12.11.2024/ 11:22

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS : 3025 (Part-1) 1987, R-2003		
Sampling Start (D/T)	11.11.2024/ 10:20	Sampling End (D/T)	11.11.2024/ 10:40
Mode of Sampling	Conducted by Laboratory	Sample collected by	Mr. Birsing Mahto & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Cloudy	Temperature (°C)	27	Humidity %	65	Wind direction	270°-90°
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### Sampling Location(s) with GPS coordinate(s)

S. Location A	Bore well	GPS coordinate	23° 38' 53.92" / 85° 27' 46.23"
Test start date	12.11.2024/ 11:35	Test completion date	15.11.2024/ 16:58

Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Conductivity	IS 3025 (P-14) 2019	µS/cm	1000.00	-	±0.15
2.	Turbidity	IS 3025 (P-10) 1984	mg/l	1.89	5	±11.92
3.	pH value at 25°C	IS 3025 (P-11) 2022	-	6.98	6.5-6.5	±0.24
4.	CoLOUR	IS 3025 (P-04) 2021	Hazen	05	15	±22.22
5.	Odour	IS 3025 (P-05) 2018	-	Agreeable	Agreeable	-
6.	Taste	IS 3025 (P-07) 2017	-	Agreeable	Agreeable	-
7.	Total Dissolved Solids (TDS)	IS 3025 (P-16) 2023	mg/l	537.00	2000	±0.48
8.	Calcium (as Ca)	IS 3025 (P-40) 1991	mg/l	115.43	200	±2.28
9.	Total Alkalinity(as CaCO <sub>3</sub> )	IS 3025 (P-23) 2019	mg/l	128.00	600	±15.80
10.	Total Hardness (as CaCO <sub>3</sub> )	IS 3025 (P-21) 2009	mg/l	318.00	600	±0.82
11.	Chloride (as Cl)	IS 3025 (P-32) 2019	mg/l	119.24	1000	±2.58
12.	Free Residual Chlorine	IS 3025 (P-26) 1986	mg/l	BDL(MDL-0.9)	1.0	±3.22
13.	Sulphate (as SO <sub>4</sub> )	IS 3025 (P-24/Sec-1)2022	mg/l	74.10	400	±0.38
14.	Magnesium (as Mg)	APHA 3500 Mg E 2023	mg/l	7.29	100	±1.61
15.	Nitrate (as NO <sub>3</sub> )	APHA 4500 B 2023	mg/l	2.09	45	±0.56

### Residues and Contaminants in Water- Trace Metals Elements-Analysis on 12.11.2024/ 11:35 to 16.11.2024/ 16:58

16.	Copper(as Cu)	APHA 3111 B 2023	mg/l	BDL(MDL-0.2)	1.5	±2.52
17.	Iron (as Fe)	APHA 3111 B 2023	mg/l	BDL(MDL-0.3)	1.0	±5.17
18.	Lead (as Pb)	APHA 3111 B 2023	mg/l	BDL(MDL-0.3)	-	±2.33
19.	Cadmium (as Cd)	APHA 3111 B 2023	mg/l	BDL(MDL-0.05)	-	±8.15





Certified by :- ISO 9001:2015 (Quality Management System),  
ISO 45001:2018 (Occupational Health & Safety Management System)  
Accredited by :- Jharkhand State Pollution Control Board

## Analytical Test Report

Unique Lab Report No.	N/A	Discipline	Chemical
Report Unique ID	RL0077244610	Group	Water
Issue datetime	18.11.2024/ 11:45	Sub Group	Others (Ground Water Level)

### Report Issue to

M/s - <b>JHARKHAND ISPAT PRIVATE LIMITED</b> Vill. & PO - HESLA, ARGADA DIST.-RAMGARH, JHARKHAND-829101	Contact Person	Mr. Manoj Kumar	
	Contact Number	+91 9337292105	
	Email Id	jam.env2018@gmail.com	
Order Number	<b>JIPL/2023-24</b>	Order Date	<b>05.04.2024/ 12:30</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/OTH/0077	Sample Booking Number	EPIC-244610
Sample(s) Code	244610	Sample Receipt (D/T)	12.11.2024/ 11:22

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS : 3025 (Part-1) 1987, R-2003		
Sampling Start (D/T)	11.11.2024/ 10:20	Sampling End (D/T)	11.11.2024/ 10:40
Mode of Sampling	Conducted by Laboratory	Sample collected by	Mr. Birsing Mahto & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Cloudy	Temperature (°C)	27	Humidity %	65	Wind direction	270°-90°
-------------------	--------	------------------	----	------------	----	----------------	----------

### Sampling Location(s) with GPS coordinate(s)

S. Location A	Bore well	GPS coordinate	23° 38' 53.92" / 85° 27' 46.23"			
Test start date	12.11.2024/ 11:35	Test completion date	15.11.2024/ 16:58			
Sl	Test Parameters	Method used	Unit	Results	Limits	MU%
1.	Ground Water Level	EPIC/LAB/SOP/WA/01/00	mbgl	6.2		

—Test result End—

Prescribed Limit	Not Applicable.
Operational Status	Unit was operational during sampling.
Remarks	Not Applicable.

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1966
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
- Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com)
- Total liability of EPIC LabTech Pvt Ltd. will be limited to invoiced amount only.
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinions does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misusa of this report
- When the results are from external provider are marked as \* mark.

Analysed by —Pratima Kumari/ Nisha Kumari



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand





Accredited by :- NABL vide certificate Number TC- 12887  
 Jharkhand State Pollution Control Board  
 Certified by :- ISO 9001:2015 and ISO 45001:2018

Annexure - 15

TC-12887

## Analytical Test Report

Unique Lab Report No.	TC1288724000000285		
Report Unique ID	RP0391241511	Issue date/time	13.04.2024/ 16:53
Discipline	Chemical	Group	Atmospheric Pollution
		Sub Group	Ambient Noise

### Report Issue to

M/s - <b>JHARKHAND ISPAT PRIVATE LIMITED</b> VILL: HESLA, PO: ARGADA, RAMGARH, JHARKHAND	Contact Person	Mr. Ram Chandra Rungta	
	Contact Number	9337292105	
	Email Id	jipllegal@gmail.com	
Order Number	18984256	Order Date	06.04.2024/ 07:57

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/PCB/0391	Sample Booking Number	EPIC-241511
Sample(s) Code	241511-(A), (B), (C)	Sample Receipt (D/T)	09.04.2024/ 13:50

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS 9989:1981 (RA 2020) & CPCB Method S.O.50 (E) dated 11/01/2010		
Sampling Start (D/T)	07.04.2024/ 14:00	Sampling End (D/T)	08.04.2024/ 14:10
Mode of Sampling	Conducted by laboratory	Sample collected by	Mr. Janardan Kumar & team
Description/condition of sample	Receipt sample(s) were fit for analysis.		

### Environmental Condition during sampling

Weather condition	Clear	Temperature (°C)	34	Humidity %	50	Wind direction	360°-180°
-------------------	-------	------------------	----	------------	----	----------------	-----------

### Sampling Location(s) with GPS coordinate(s)

S. Location A	Near Main gate of unit	GPS coordinate	23° 38' 57.88" / 85° 27' 53.21"
S. Location B	West corner side of unit	GPS coordinate	23° 38' 55.38" / 85° 27' 45.98"
S. Location C	Near Online PM 10 Analyzer	GPS coordinate	23° 38' 56.57" / 85° 27' 51.71"

### Date(s) of performance of the laboratory activities

Test start date/time	09.04.2024/ 14:00	Test completion date/time	12.04.2024/ 16:34
----------------------	-------------------	---------------------------	-------------------

Sl	Test Parameters	Method used	Unit	Results			Limits	MU%
				A	B	C		
1.	Leq (Day time)	IS: 9989:1981	dB (A)	70.5	67.4	71.7	75	± 2.39
2.	Leq (Night time)	IS: 9989:1981	dB (A)	52.8	59.7	63.2	70	± 2.39

Prescribed Limit The Noise Pollution (Regulation and Control) Rules, 2000.

Remarks Unit was operational during sampling.

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining Temperature 25 ± 2°C and Relative Humidity 45 ± 5 % in all testing area as per IS 196:1966
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
- Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com).
- Total liability of EPIC LabTech Pvt. Ltd. will be limited to invoiced amount only.
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinion does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as \* mark.

Analysed by - A.K. Sinha



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand

# Report on GHG Emissions inventory & Its Reduction Including Carbon Sequestration through Plantation for Sponge Iron Plant

**Jharkhand Ispat PVT. LTD.**

Vill: Hesla, P.O.: Argada, Dist.: Ramgarh, Jharkhand



**Prepared By**



**Institute for Environmental Management  
Ranchi, Jharkhand, 834002**

**December– 2022**

## **Preface**

A report on GHG emission Inventory and its reduction including Carbon Sequestration through plantation for steel plant has been prepared of Jharkhand Ispat Pvt. Ltd. (JIPL) operating a Sponge Iron Plant having two (2) Nos .of coal based Rotary Kilns, each of 100 TPD capacity at village: Hesla, District: Argada in the state of Jharkhand since 2003. The report is prepared based on the secondary data provided by JIPL

### **Name and address of manufacturing facility:**

**Jharkhand Ispat Pvt. Ltd.**

**At- Hesla, Post- Argada - 829122,**

**Dist. - Ramgarh (Jharkhand)**

**E-mail: [jipllegal@gmail.com](mailto:jipllegal@gmail.com)**

Within the ambit of this study, the following units were considered:

GHG emissions have been estimated considering a system boundary from gate-to-gate which is from raw materials entering a sponge iron plant producing sponge iron or DRI used for manufacturing of steel. The system boundary in this study include the

- Sponge Iron process

The purpose of this study is to highlight the potential areas of GHG emission of sponge iron production for reducing GHG emissions. The main sources of GHG emissions during sponge iron manufacturing are considered and the key groups of measures that can reduce the GHG emissions are identified.



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## Chapter – 1

### Introduction

The production of iron through direct reduction (Direct-Reduced Iron; DRI) involves the use of natural gas or coal to reduce iron ore to iron through carbothermic reactions at a temperature below its melting point, negating the need for a blast furnace as otherwise required. In India, around 25% of iron is produced through direct reduction. However, there is a high reliance on coal (79% of DRI production capacity) causing significant energy use and emissions from production. Also, a large portion of raw materials (especially coal) is imported due to low quality of domestic resources. Weighted average specific energy use and emissions is calculated for seven such clusters (using total cluster capacity), based on regional raw material qualities and transport distances from various mines, ports and beneficiation plants. The results suggest an overall specific (per tonne DRI) energy consumption of 27.24 GJ with an emission of 2.8 tCO<sub>2</sub>eq, 2.6 kg NO<sub>x</sub>, 1.8 kg SO<sub>x</sub> and 1.4kg PM<sub>2.5</sub>. The specific energy and emission values are used to calculate the total annual emissions by multiplying with the 2019 DRI production amount of 27.8 million tonnes. The annual midpoint and endpoint impacts as per ReCiPe 2016 (country-wise factors where applicable) are then calculated. The DRI industry causes 77.31 million tCO<sub>2</sub>eq/year in global warming potential, 59.02 thousand tSO<sub>2</sub>eq/year in acidification potential and 287.2 thousand tPM<sub>2.5</sub>eq/year in fine dust formation potential. It is estimated to cause approximately 270,000 years of reduction in overall human life and 230 species years of species loss (mainly in terrestrial ecosystems). Different sensitivities are carried out to understand the impact of some key influencing parameters (effect of ore quality and coal quality, effect of imports of ore and coal). Some development scenarios, such as increasing coal washery capacity, shifting land transport from road to rail, increasing waste-heat recovery penetration, effect of stricter regulations, etc. are discussed, along with pathways for fuel-switching from coal to natural gas, and then from natural gas to hydrogen.

Jharkhand Ispat Pvt. Ltd. (JIPL) is a registered company under the Company's Act. It is operating a steel plant having two (2) Nos of Sponge Iron Plant.of coal based Rotary Kilns, each of 100 TPD capacity at village: Hesla, District: Argada in the state of Jharkhand since 2003. Sponge Iron is presently sold to other steel producers for making finished steel products.



GHG emission inventory is comprised of carbon footprint analysis where it is historically been defined as "the inventory of greenhouse gas (GHG) emissions caused by an organization, event, product or person". In this report the estimation of carbon emission for sponge iron production, carbon budgeting/balancing, carbon sequestration activities and carbon offsetting strategies are discussed. GHG emission calculation has been carried out using IPCC guidelines as overall principal and following standard methodology of GHG protocol for GHG estimation. Estimations for this green field project are majorly for scope 1 where direct use of materials and energy for the plant is considered.

JIPL has installed 2x100TPD (Sponge Iron plants) DRI Units at village: Hesla, District: Argada in the state of Jharkhand since 2003 after getting NOC from Jharkhand Pollution Control Board (JSPCB) and subsequently Consent to Operate from JSPCB.

Now JIPL intends to use the waste heat energy from the DRI units in Waste Heat Recovery Boilers and dolochar produced in plant in AFBC Boiler, supplemented by coal, for production of 18 MW power. 2x100 TPD DRI Kilns for production of 60,000 TPA sponge Iron And 2x12T Induction furnaces along with Continuous Casting Mill for 72,000 TPA Billet Production were installed after getting NOC from Jharkhand Pollution Control Board (JSPCB) on 6th November, 2006. JIPL submitted application on 11.01.2013 for grant of TOR for obtaining EC for 2x100 TPD Sponge Iron Plant and 240 TPD MS Billet Plant which are under violation and installation of 1x12 Ton Induction Furnace, 90,000 TPA Rolling Mill & 12 MW Power Plant under expansion.



Fig.:1 Digitized Key plan of project site





## Chapter - 2

### Project Description

#### Overview of direct reduction process

The basic mechanism behind iron production involves two main pathways,

- i. Using a blast furnace (heated using coal or natural gas) for reduction of iron ore (iron oxides) into pig iron by reaction with coke and fluxes (usually limestone) (SAIL, 2012). The molten pig iron is then converted to steel (through the steelmaking process, usually with a basic oxygen furnace) or processed and sold as such. In 2019, 46.7% of India's steel industry utilized the blast furnace-basic oxygen furnace (BF-BOF) method (World Steel Association, 2019b).
- ii. Using coal (solid or gas) or reformed natural gas to perform a direct reduction of the iron ore into Direct-Reduced Iron (DRI) or Sponge iron at high heat (but below melting point) (Sarangi and Sarangi, 2011). The sponge iron is then converted to steel (with an electric arc or electric induction furnace) or processed and sold. The share of electric induction/arc furnace processes in India constituted 53.3% in 2019 (World Steel Association, 2019b).

The SL/RN process (developed by Steel Company of Canada, Lurgi Chemie, Republic Steel Company and National Lead Corporation in 1964) forms the basis of rotary kiln technologies used in India (Sarangi and Sarangi, 2011); the process uses a rotary kiln into which iron ore pellets, non-coking coal (for reduction) and limestone/dolomite (flux) is supplied. From the other end, air and coal (for combustion) are supplied. The resulting high temperatures (900 to 1020 °C) form a reducing atmosphere of CO which reduces the iron ores to sponge iron. The sponge iron is subsequently separated out of the remaining reaction products through magnetic separation. The kiln is inclined at an angle of  $\sim 2.5^\circ$  to facilitate movement of the charge

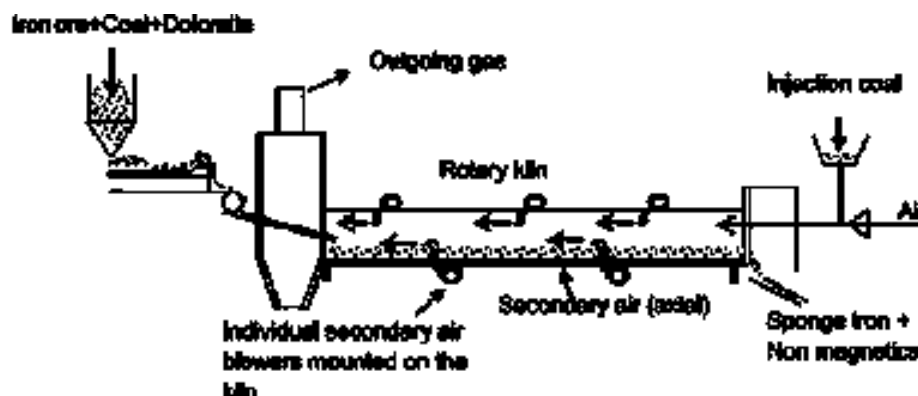
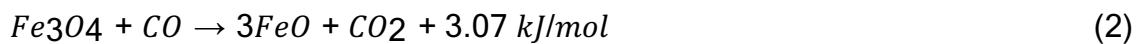
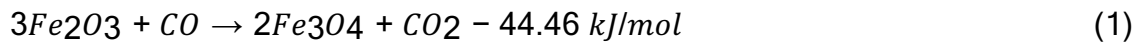


Figure 2: Rotary kiln (SL/RN process) (Source: Dey et al, 2015)

From the feed end to the exit. The rotary motion encourages even reaction of the charge through mixing with the reducing gases (Dey et al, 2015). The basic process is shown in Figure 2.



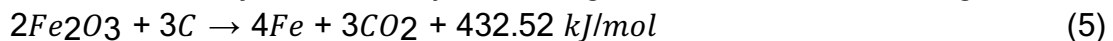
Around a third of the kiln length is typically required for preheating the charge consisting of iron ore, coal and dolomite. The dolomite flux is added to control sulphurisation. The coal supplied along with the ore is mainly meant to produce reducing gas by reacting with atmospheric oxygen at high temperature. In this stage, the iron ore (predominantly hematite - Fe<sub>2</sub>O<sub>3</sub>) is partially reduced to ferrous oxide. After reaching the ideal reaction temperature of 900-1100 °C, the ore is reduced to metal in the latter portion of the kiln through further reduction. The following are the main reactions taking place within the kiln, at a temperature of 1067 °C (Sarangi and Sarangi, 2011).



The CO required for the above reduction reactions is produced when fixed carbon of the feed-end coal reacts with CO<sub>2</sub> produced by the reductions, in a perpetual, reversible reaction called Boudouard reaction.



This reaction is crucial to maintaining the reducing atmosphere and kiln temperature. The ratio of CO/ (CO+CO<sub>2</sub>) depends on the temperature inside the kiln; ideally a CO concentration of ~50-60% is maintained (Dey, Prasad and Singh, 2015) to ensure optimum reduction of ore. Since the forward reaction (4) is highly endothermic, it serves to maintain kiln temperature for a regulated combustion of injection coal. By combining the above reactions, we get



Note that only one part of CO produced in (4) is used for the reduction, whereas the other part is combusted into CO<sub>2</sub> resulting in a net output of CO<sub>2</sub> from the kiln. Various other reactions take place due to the combustion of injection coal fixed carbon and volatiles, causing the formation of additional CO and CO<sub>2</sub> along with H<sub>2</sub>O and CH<sub>4</sub>. The sulphur present in coal is removed by dolomite, as the CaCO<sub>3</sub> and MgCO<sub>3</sub> decompose into CaO and MgO to act as desulphurising agents. The addition of dolomite is crucial to control the sulphur content in the DRI (to prevent embrittlement in steel production), and also to control SO<sub>x</sub> emissions (Sarangi and Sarangi, 2011).

After the reduction process, the metal (now known as sponge iron or DRI) is separated from the remaining slag (consisting of coal char, unreacted coal, sulphurated dolomite) through magnetic separation. The product CO<sub>2</sub> reacts further with incoming/excess coal to produce more CO. Thus, for a low ash coal with high reactivity, the reduction efficiency will be higher as the quantity of coal input would be reduced. Also, the retaining time of the ore within the kiln can be lower, thus improving output (Dey et al, 2015).



**Table 2.1: Salient Features of the Project**

S. No	Particulars	Details
1.	Latitude	23°38' 48.47"N
2.	Longitude	85°27'37.77"E
3.	Altitude	335 m above MSL
4.	Toposheet	73 E/6 & 73 E/10
9.	Nearest village/Habitation	City Ramgarh at 6 kms
10.	Nearest Town	Ramgarh
11.	Nearest Police Station	Ramgarh Police Station, 5.0 Km in SE
12.	Nearest Post office Ghutu Post office	Argada Post office - 600 meter in NE direction
13.	Nearest River	River Damodar at 300 meter in south direction.
15	Nearest Temple	Bajrangwali Temple at 1 km in North East
16.	Nearest School	Argada Primary school by 1.0 km
17.	Nearest Bus Stop	Digwar High School 2.6 km in NW direction
18.	Nearest Medical	CCL Hospital at a distance of 3 km
19.	Nearest airport	Birsa Munda Airport Ranchi is at 45 kms in SW
20.	Sanctuaries /National Parks/ Biospheres, etc	Not within 10 km radius of the project site
24.	Reserve Forest/ Protected Forest	No Reserve forest present in 10 Km radius of plant area. Few protected forests present in 10 km radius
26	Total Water Requirement	Existing (Non-violating): 170 KLD Existing (Violating): 406 KLD, Proposed: 2330 KLD Total after Expansion: 2906 KLD Source: Damodar Valley Corporation
27.	Total Power Requirement	Existing - 10.5 MW (Non-Violating - 0.8 MW & 9.7 MW for violating Units) Proposed - 7.5 MW (Expansion) Total after expansion: 18.00 MW DG Set Existing: 2x500KVA, 1 x320KVA & 1x750KVA Proposed: 1x500KVA Fuel: HSD: 1000 litres/day (For Emergency and Start up only)
28.	Total Manpower	Non-Violating: 120, Violating: 100 Proposed: 174, Total: 394



29.	Total capital cost	Existing (Non-violating): Rs. 22.41 Crs. Existing (Units under Violation): Rs. 31.71 Crs. Proposed Units: Rs.186.63 Crs. Total: 240.75 Crs.
-----	--------------------	--

Power Plant Waste Heat BoilersAFBC Boiler	Total 18 MW	18 MW	18MW (Captive use)
Iron Ore Crushing & Beneficiation Plant	80 - 100 TPH single stream(throughput)	920 T	276,000 T
Slag Crushing Plant for SMS Slag	Single stream 8 TPH	55 T	162,00 T

**Table 2.2: Summary of the Project (Existing & Proposed)**

PRODUCTION FACILITY	PLANT SIZE	PRODUCTI ON(TPD)	PRODUCTION(TPA)
<b>EXISTING</b>			
Sponge Iron Plant	4x 100 T /day of DRI	400 TPD	120,000T
<b>PROPOSED</b>			
Steel Making Shop, Induction Furnaces and Billet Caster	3 x 12 T	360 T	108,000 T
Rolling Mill – TMT Rebar Mill	15 Stand Mill with Direct Hot Charging	300 T	90,000 T





## **SPONGE IRON PLANT (Existing)**

Sponge Iron Plant is having two (2) Nos. Coal Based Rotary Kilns each of 100 TPD Capacity, with an annual capacity of 60,000 Metric Tons. Sponge Iron Plant has its own material storage and handling facilities and other auxiliary plant units.

### **Process Description:**

To produce sponge iron, sized lump ore is fed along with coal, and flux into the Rotary Kiln wherein iron ore gets converted to metallic iron. Flux helps in scavenging Sulphur content from coal. Brief features of the process are as follows:

- Kiln process of DRI production involves tumbling of iron ore with select grade of non-coking coal and dolomite in a rotary kiln.
- The kiln is supported on roller stations and rotated by means of a variable speed AC motor and girth gear mechanism. Refractory lined rotary kiln of suitable size is placed on two or four support stations and is kept inclined at 2.5 % slope.
- The transport rate of materials through the kiln can be controlled by varying its slope and speed of rotation. There are inlet and outlet cones at opposite ends of the kiln that are cooled by individual fans.
- The kiln shell is provided with small sampling ports, large ports for rapid removal of the contents in emergency or for lining repairs. Longitudinal positioning of the kiln on its riding rings is controlled hydraulically.
- The coal and iron ore are metered into the high end of the inclined kiln. A portion of the coal in pulverized form is also injected pneumatically from the discharge end. The burden first passes through a pre-heating zone where coal de-volatilization takes place and iron ore is heated to pre-



heating temperature for reduction.

- Temperature and process control in the kiln are carried out by installing suitable no. of air injection tubes made of heat-resistant steel. These are spaced evenly along the kiln length and countercurrent to the flow of iron ore. Tips of the air tubes are equipped with special internal swirls to improve uniformity of combustion.
- A central burner located at the kiln discharge end is used with LDO for heating the cold kiln. After initial heating, the fuel supply is turned off and the burner is used to inject air for coal combustion.
- The kiln temperatures are measured with fixed thermocouples and Quick Response Thermocouples (QRT). Fixed thermocouples are located along the length of the kiln to monitor temperature profile of kiln. Fixed thermocouples, at times, may give erratic readings due to coating with ash, ore or accretion. In such a case QRT are used to monitor the kiln temperatures.
- The product (DRI) is discharged from the kiln at about 1000°C. An enclosed chute at the kiln discharge end is used to transfer the hot DRI to a rotary cooler. The cooler is a horizontal revolving cylinder of appropriate size, wherein DRI is cooled indirectly by water spray on the cooler upper surface. The cooling water collected in troughs below is pumped to the cooling tower for recycling along with make-up water.
- DRI is cooled to about 100°C without exposure to atmospheric air. A grizzly in the chute removes accretions that are large enough to plug up or damage the cooler discharge mechanisms.
- The product is screened to remove the plus 30 mm DRI. The undersize – a mix of DRI, dolochar and coal ash are screened into +/- 3mm fractions. Each fraction passes through a magnetic separator. The non-magnetic portion of the plus 3 mm fraction is mostly char and can be used in AFBC Boiler for power generation.
- The nonmagnetic portion of -3mm fraction, mostly spent lime, ash and fine char is discarded.
- Magnetic portion of each fraction is DRI. Of this the +3mm fraction can be used directly for steel making and the finer fraction is either briquetted or collected in bags.
- The kiln waste gases leave at about 850-900°C. These are passed through dust settling chamber where heavier particles settle down due to sudden decrease in velocity of gases. The flue gases are then passed through an After Burning Chamber (ABC) where un-burnt combustibles are burnt by blowing excess air. The temperature of the



after burner chamber, at times, is controlled by water sprays.

- Burnt gases are passed through a down duct into an evaporation cooler where its temperature is brought down and balance dust particles are separated through a pollution control equipment namely ESP / Bag filter/ scrubber. The gas is let off into the atmosphere through stack via ID fan.
- The thermal energy in outgoing flue gases is recovered through Waste Heat Recovery Boiler (WHRB) where sensible heat of the gases is extracted and then let off into the atmosphere after passing through pollution control equipment like ESP, ID fan and stack.

Table2.3: Raw Material Requirement for Existing Sponge Iron Plant

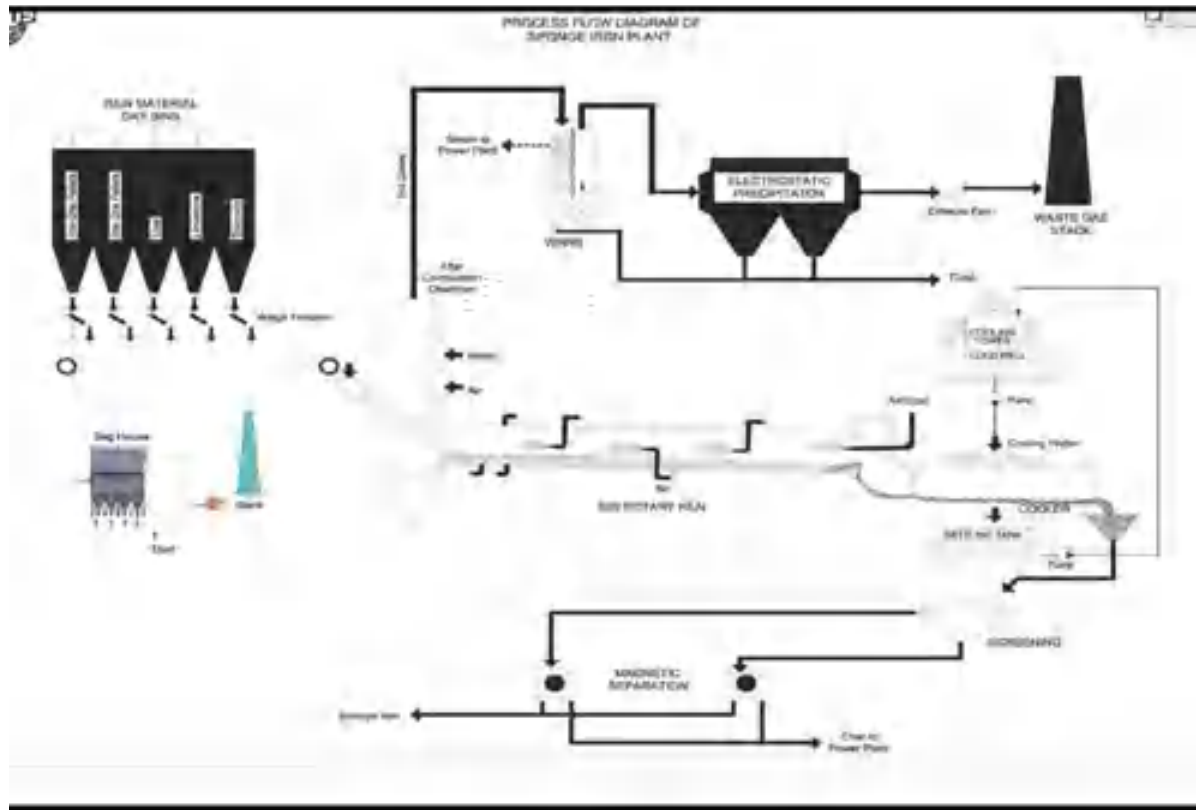
Unit	Installed Capacity	Working Days	Annual Production
Sponge Iron Plant	4x100 TPD	300	65,598 MT of Sponge Iron
Water Requirement	Make Up Water	300	170.84 m <sup>3</sup> /day
Power Requirement		300	950 KVA
Raw Material Requirement	<b>Raw Material</b>	<b>Size (mm)</b>	<b>Quantity (MT/Annum)</b>
	Coal	20 & below	98397
	Iron ore Pellets	5-18	126669.7
	Dolomite	2-4	2427
	MS Scrap		1491.24
	Pig Iron		343.42
	Sponge Iron		39640.48

Process flow diagram of sponge iron plant is given below in **Figure 2.4. Raw Material Handling System**

Main Raw materials Iron Ore, Coal & Dolomite are fed to the ground hoppers with the help of Pay Loaders and Tippers and carried by belt conveyors to the Crusher House having Crusher for crushing and Vibrating Screen. Screened and Crushed Material carried out by belt Conveyers to the stock house having 2 days bins for Iron Ore, Feed coal, Dolomite, and Injection coal (Lumps and Fines). Injection Coal is screened in -5 mm. and -18mm sizes and stored in separate bins. The main raw material handling consists of iron ore crusher, vibrating screen and conveyor belts for preparation of raw material as mentioned above.







**Figure3: Process flow diagram of Sponge Iron Plant**

**Brief outline for resource utilization**

Resource utilization by optimization has been envisaged from design stage itself for plant related activities. The various resources likely to be used are detailed below.

- i) Iron ore
- ii) Coal
- iii) Dolomite
- iv) Water &
- v) Power

These resources are effectively used in the plant. Rainwater harvesting is being envisaged on large scale to utilize the rain water and reduce the water requirement from external sources. The effluent generated from various units will be treated and recycled back into system to ensure zero discharge.



### 3.0. Greenhouse Gas Emission

In this section emission of Green House Gases (GHG) has been calculated for the existing Sponge iron plant. GHG emissions have been estimated for the units involves in sponge iron production. GHG emission calculation has been done understanding the IPCC guidelines and following standard methodology of GHG protocol for GHG estimation. Calculations are done majorly for scope 1 where direct use of materials and energy for the proposed plant is considered.

**Figure 4: Material flow for sponge iron plant**

Section	Technology	Process flow
<b>Sponge Ironplant</b>	Coal Based RotaryKiln Process	Feeding of RM to the Rotary Kiln through feed tube □ Cooling in the rotary cooler □ Screening □ magnetic separation of the product □ spongeiron Other outputs - Char

Table 3.1: Raw Material Requirement



## LAND USE

The total project area is about 25.54 Acres (10.34 Ha.). The area will be used for construction and development of Production lines, Warehouses & Stores, Utilities, R&D, QC, Administrative Blocks and Common facilities etc., apart from the above, internal road and green belt will be developed as per the norms.

This greenbelt will serve as a buffer between the peripheries and the industry, thereby controlling the air emissions and noise levels. The probable land use is given below in Table:

**Table 3.2: Land Use of Plant Layout**

SL No	TYPE OF USE	Area	
		Acres	Hectares
1	Existing Units (4 nos. Kiln of Sponge Iron)	7.01	2.84
2	Power Plant with WHRB	1.62	0.66
3	Steel Melting Shop	2.73	1.11
4	Rolling Mill	2.5	1.01
5	Iron Ore Beneficiation Plant	1.0	0.40
6	Slag Crushing Plant	0.8	0.32
7	Area Tailing Pond	0.69	0.28
8	Green Belt	10.78	4.36
9	Area for Parking	0.5	0.20
10	Vacant land	3.062	1.24
	<b>Total Land Area</b>	<b>30.692</b>	<b>12.42</b>

**Table 3.3: Emission factors of GHG gases from different energy fuel sources**

Energy sources	kg CO <sub>2</sub> /kg fuel	kg CH <sub>4</sub> /kg fuel	kg N <sub>2</sub> O/kg fuel
Coal	2.42	2.82E-04	4.00E-05
Electricity	0.43 kg CO <sub>2</sub> /kwh	0.0223 kg CH <sub>4</sub> /kwh	0.00342kg N <sub>2</sub> O/kwh
Natural gas	2.69	2.40E-04	5.00E-06



## Methodology for Estimating GHG Emissions

In this report, the system boundary is gate-to-gate which is from raw materials entering a coke oven to the steel leaving the continuous casting machine (Figure 4). The system boundary in this study includes the Coke oven, sintering, pelletizing, beneficiation, blast furnace, basic oxygen furnace, continuous casting, lime and dolo plant and captive power plant. The major GHG emissions i.e. CO<sub>2</sub>, CH<sub>4</sub>, and N<sub>2</sub>O have been calculated and reported in the form of CO<sub>2</sub>-equivalent. Within the defined system boundary, mass and energy inputs for the processes within the boundary are included.

### CO<sub>2</sub> Emission:

The GHG emissions has been estimated based on the mass and energy used in the individual process of steel manufacturing. The mass and energy data used in this study are specified for the major steel manufacturing processes including Coke oven, sintering, pelletizing, beneficiation, blast furnace, basic oxygen furnace, continuous casting, lime and dolo plant and captive power plant. CO<sub>2</sub> emissions have been calculated using carbon content data that are expressed on a mass or volume basis. (Equation no\_)

$$\text{Mass basis:} \quad E = A_f \cdot F_{qm} \cdot E \cdot \frac{44}{12} \quad \text{---- 1}$$

$$\text{Volume basis:} \quad E = A_{f,v} \cdot F_{qv} \cdot E \cdot \frac{44}{12} \quad \text{---- 2}$$

Equation No. 1 &2: Calculating CO<sub>2</sub> emissions using carbon content data that are expressed on a mass or volume basis

Where:

$E$  = Amount of CO<sub>2</sub> emitted (metric tons)

$A_{f,v}$  = Volume of fuel consumed (e.g., liters, gallons, m<sup>3</sup>, etc.)

$A_{f,m}$  = Mass of fuel consumed (e.g., kg, short ton, etc.)



$F_{c,v}$  = Carbon content of fuel on a volume basis (e.g., short tons carbon / gallon)

$F_{c,m}$  = Carbon content of fuel on a mass basis (e.g., short tons carbon / short ton)

$F_{OX}$  = Fraction oxidation factor

44/12 = The ratio of the molecular weight of carbon to that of CO<sub>2</sub>

$$E = A \cdot HV_f \cdot F_{c,h} \cdot F_{OX} \cdot \frac{44}{12} \quad \text{---- 3}$$

Equation No. 3: Calculating CO<sub>2</sub> emissions from stationary combustion sources using carbon content data expressed on an energy basis

Where:

E = Amount of CO<sub>2</sub> emitted (metric tonnes)

A = Mass of fuel consumed (e.g., metric tonnes)

HV<sub>f</sub> = Heating value of fuel (e.g., MJ/Kg or thousand Btu/lb)

$F_{c,h}$  = Carbon content of fuel on a heating value basis (e.g., short tons C/million Btu or metric tonnes C/GJ)

$F_{OX}$  = Fraction oxidation factor

44/12 = The ratio of the molecular weight of carbon to that of CO<sub>2</sub>.

### CH<sub>4</sub> and N<sub>2</sub>O emissions:

The N<sub>2</sub>O and CH<sub>4</sub> emissions from Electricity Generation and Reheating Furnaces can be calculated using Equation 4.

$$E = \sum_f HHV_f \cdot EF \cdot GWP \quad \text{----- 4}$$

$$E = \sum_f HHV_f \cdot ESEF \cdot GWP \quad \text{----- 5}$$

Equation :: Calculating N<sub>2</sub>O and CH<sub>4</sub> emissions



Where:

E = Amount of either N<sub>2</sub>O or CH<sub>4</sub> emitted (metric tonnes CO<sub>2</sub>-equivalent)

A<sub>f</sub> = Amount of fuel combusted on a mass or volume basis

EF = fuel-specific emission factor

ESEF = Equipment-specific emission factor

GWP = 21 for CH<sub>4</sub> or 310 for N<sub>2</sub>O

**Table 3.4: Carbon contents for materials consumed in process sources**

Process Materials	Carbon Content* (kg C/kg)
Blast Furnace Gas	0.17
Charcoal <sup>a</sup>	0.91
Coal	0.67 <sup>1</sup>
Coal tar	0.62
Coke	0.83
Coke Oven gas	0.47
Coking Coal	0.73
Direct reduced Iron (DRI)	0.02
Dolomite	0.13
SAF Carbon Electrodes	0.82 <sup>2</sup>
SAF Charge Carbon	0.83 <sup>3</sup>
Fuel Oil	0.86 <sup>4</sup>



Gas Coke	0.83
Hot Briquetted iron	0.02
Limestone	0.12
Natural Gas	0.73
Oxygen Steel Furnace Gas	0.35
Petroleum Coke	0.87
Purchased pig Iron	0.04
Scrap Iron	0.04
Steel	0.01

**Table 3.5: Typical Values for CH<sub>4</sub> & N<sub>2</sub>O contents for materials consumed in process sources**

Fuel		Lower Heating Value(LHV)/Net Calorific Value (NCV) Basis				Higher Heating Value(HHV)/Gross Calorific Value (GCV) Basis			
		kg GHG / TJ fuel		kg GHG / ton fuel		kg GHG / TJ fuel		kg GHG / ton fuel	
		CH <sub>4</sub>	N <sub>2</sub> O	CH <sub>4</sub>	N <sub>2</sub> O	CH <sub>4</sub>	N <sub>2</sub> O	CH <sub>4</sub>	N <sub>2</sub> O
<b>Crude oil and</b>	Crude oil	3.000	0.600	0.134	0.027	2.850	0.570	0.127	0.025



<b>derived substances</b>	Orimulsion	3.000	0.6 00	0.08 7	0.017	2.85 0	0.5 70	0.08 3	0.017
	Natural Gas Liquids	3.000	0.6 00	0.14 0	0.028	2.85 0	0.5 70	0.13 3	0.027
	Motor Gasoline	3.000	0.6 00	0.14 0	0.028	2.85 0	0.5 70	0.13 3	0.027
	Aviation Gasoline	3.000	0.6 00	0.14 0	0.028	2.85 0	0.5 70	0.13 3	0.027
	Jet Gasoline	3.000	0.6 00	0.14 0	0.028	2.85 0	0.5 70	0.13 3	0.027
	Jet Kerosene	3.000	0.6 00	0.13 9	0.028	2.85 0	0.5 70	0.13 2	0.026
	Other Kerosene	3.000	0.6 00	0.13 8	0.028	2.85 0	0.5 70	0.13 1	0.026
	Shale oil	3.000	0.6 00	0.12 0	0.024	2.85 0	0.5 70	0.11 4	0.023
	Gas/.Diesel oil	3.000	0.6 00	0.13 6	0.027	2.85 0	0.5 70	0.12 9	0.026
	Residual Fuel oil	3.000	0.6 00	0.12 8	0.026	2.85 0	0.5 70	0.12 1	0.024
	Liquified Petroleum Gases	1.000	0.1 00	0.05 3	0.005	0.90 0	0.0 90	0.04 7	0.005
	Ethane	1.000	0.1 00	0.05 2	0.005	0.90 0	0.0 90	0.04 6	0.005





	Naphtha	3.000	0.600	0.141	0.028	2.850	0.570	0.134	0.027
	Bitumen	3.000	0.600	0.127	0.025	2.850	0.570	0.121	0.024
	Lubricants	3.000	0.600	0.127	0.025	2.850	0.570	0.121	0.024
	Petroleum coke	3.000	0.600	0.103	0.021	2.850	0.570	0.098	0.020
	Refinery feedstocks	3.000	0.600	0.136	0.027	2.850	0.570	0.129	0.026
	Refinery Gas	1.000	0.100	0.055	0.006	0.900	0.090	0.050	0.005
	Paraffin waxes	3.000	0.600	0.127	0.025	2.850	0.570	0.121	0.024
	White Spirit & SBP	3.000	0.600	0.127	0.025	2.850	0.570	0.121	0.024
	Other petroleum products	3.000	0.600	0.127	0.025	2.850	0.570	0.121	0.024
<b>Coal and derived products</b>	Anthracite	1.000	1.500	0.028	0.042	0.950	1.425	0.027	0.040
	Coking coal	10.000	1.500	0.297	0.045	9.500	1.425	0.282	0.042
	Other bituminous coal	10.000	1.500	0.272	0.041	9.500	1.425	0.258	0.039



Sub-bituminous coal	10.000	1.5 00	0.19 9	0.030	9.50 0	1.4 25	0.18 9	0.028
Lignite	10.000	1.5 00	0.12 5	0.019	9.50 0	1.4 25	0.11 9	0.018
Oil shale and tar sands	10.000	1.5 00	0.09 4	0.014	9.50 0	1.4 25	0.08 9	0.013
Brown coal briquettes	10.000	1.5 00	0.21 8	0.033	9.50 0	1.4 25	0.20 7	0.031
Patent fuel	10.000	1.5 00	0.21 8	0.033	9.50 0	1.4 25	0.20 7	0.031
Coke oven coke & lignite coke	10.000	1.5 00	0.29 7	0.045	9.50 0	1.4 25	0.28 2	0.042
Gas coke	1.000	0.1 00	0.03 0	0.003	0.95 0	0.0 95	0.02 8	0.003
Coal tar	10.000	1.5 00	0.29 5	0.044	9.50 0	1.4 25	0.28 0	0.042
Gas works gas	1.000	0.1 00	0.04 3	0.004	0.90 0	0.0 90	0.03 9	0.004
Coke oven gas	1.000	0.1 00	0.04 3	0.004	0.90 0	0.0 90	0.03 9	0.004
Blast furnace gas	1.000	0.1 00	0.00 3	0.000	0.90 0	0.0 90	0.00 2	0.000
Oxygen steel furnace gas	1.000	0.1 00	0.00 8	0.001	0.90 0	0.0 90	0.00 7	0.001



<b>Natural Gas</b>	Natural Gas	1.000	0.100	0.053	0.005	0.900	0.090	0.051	0.005
<b>Non-biomass waste</b>	Municipal wastes (non-biomass fraction)	30.000	4.000	0.316	0.042	28.500	3.800	0.300	0.040
	Industrial wastes	30.000	4.000	N/A	N/A	28.500	3.800	N/A	N/A
	Waste oils	30.000	4.000	1.269	0.169	28.500	3.800	1.206	0.161
<b>Peat</b>	Peat	2.000	1.500	0.021	0.015	1.900	1.425	0.020	0.015
<b>Biomass waste</b>	Wood/Wood waste	30.000	4.000	0.493	0.066	28.500	3.800	0.468	0.062
	Sulphite lyes (Black liquor)	3.000	2.000	0.037	0.025	2.850	1.900	0.035	0.024
	Other primary solid biomass fuels	30.000	4.000	0.366	0.049	28.500	3.800	0.348	0.046
	Charcoal	200.000	4.000	6.211	0.124	190.000	3.800	5.900	0.118
	Biogasoline	3.000	0.600	0.085	0.017	2.850	0.570	0.081	0.016
	Biodiesels	3.000	0.600	0.085	0.017	2.850	0.570	0.081	0.016



Other liquid biofuels	3.000	0.600	0.087	0.017	2.850	0.570	0.082	0.016
Landfill gas	1.000	0.100	0.056	0.006	0.900	0.090	0.050	0.005
Sludge gas	1.000	0.100	0.056	0.006	0.900	0.090	0.050	0.005
Other biogas	1.000	0.100	0.056	0.006	0.900	0.090	0.050	0.005
Municipal wastes (biomass fraction)	30.000	4.000	0.366	0.049	28.500	3.800	0.348	0.046



## Chapter-4

### Action plan for Carbon off-setting

#### Re-use of Steel Scrap in Basic Oxygen Furnace

Scrap is a term used to describe steel that has generated during the manufacture of steel products. While the term 'scrap' may lead one to believe this is a waste product, it is actually a valuable raw material used in every steelmaking process. In blast furnace (BF) steelmaking, each charge of the basic oxygen furnace, in which carbon carbon-rich pig iron is refined into crude steel, typically contains 8%-10% scrap. Scrap acts as a cooling agent, absorbing excess heat from the exothermic decarbonisation process, and also as a source of iron units. Reuse of scrap in BOF helps reducing greenhouse gas emissions.

**Table4.1: Heating and cooling reactions of BOF**

Heating Reactions	Cooling Reactions
$c + \frac{1}{2} o_2 \rightarrow co$	
	$Fe_2O_3 + 3C \rightarrow 2Fe + 3CO$
$co + \frac{1}{2} o_2 \rightarrow co_2$	
$Si + o_2 \rightarrow SiO_2$	$Fe_2O_3 + 3CO \rightarrow 2Fe + 3CO_2$
$Fe + \frac{1}{2} o_2 \rightarrow FeO$	
$2Mn + o_2 \rightarrow 2MnO$	
$4P + 5o_2 \rightarrow 2P_2 O_5$	



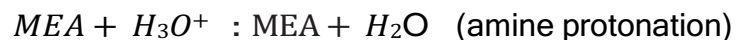
### Reuse of internal heat for power generation

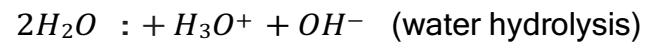
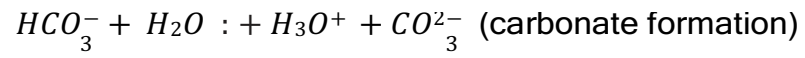
The proposed plant is designed for optimum use of the recovered energy of hot off gases from major units such as Blast furnace, Basic oxygen furnace and coke oven plant. A plant is designed to integrate 74 % of the heat generated from coke oven gas to sinter plant, pellet plant & continuous casting machine. Approx. 52 % of the total heat generated from blast furnace will be reused in blast furnace & 20 % of the generated heat will be integrated to sinter plant, pellet plant & continuous casting machine. The surplus gases available in these units will be re-used for power generation. Out of 600 MW, 293 MW power will be generated from internal process heat.

### CO<sub>2</sub> capture

The uses of coal for generation of 600 MW electricity produce approximately 5 MT of CO<sub>2</sub> annually. CPP's are one of the major contributors of CO<sub>2</sub> emissions in any steel plant. In view to limit the release of CO<sub>2</sub> in atmosphere it is necessary to capture CO<sub>2</sub>. There are several approaches for CO<sub>2</sub> capture out of which amine based CO<sub>2</sub> absorption systems are the most suitable for combustion based power plants. The amine based CO<sub>2</sub> absorption is easy to use and can be retrofitted to existing power plants. Absorption processes are based on thermally regenerable solvents, which have a strong affinity for CO<sub>2</sub>. They are regenerated at elevated temperature. In view to limit the CO<sub>2</sub> release, It is suggested to install amine based CO<sub>2</sub> absorption unit at 600 MW CPP.

The equilibrium reactions describing the solution chemistry of CO<sub>2</sub> absorption with MEA





## Chapter - 5

### **Terrestrial Sequestration**

Terrestrial sequestration involves the capture and storage of carbon dioxide by plants and the storage of carbon in soil. During photosynthesis, carbon from atmospheric carbon dioxide is transformed into components necessary for plants to live and grow. As part of this process, the carbon present in the atmosphere as carbon dioxide becomes part of the plant: a leaf, stem, root, etc. Long-lived plants like trees might keep the carbon sequestered for a long period of time.

The existing greenbelt sure sequesters some amount of the carbon emitted through then industrial process. The greenbelt is spread over an area of 9.95 acres with total plantation of 6030 consisting of trees and shrubs. As the industry falls under the heavily polluted area, greenbelt needs to be enhanced and more trees are to be planted. Hence more carbon can be sequestered. New trees are suggested for plantation to cover approx. 40% of the total Plant Area.

**Table 5.1: shows the existing greenbelt and its required expansion during the expansion phase:**

1.	Total Area	35.54 acres
2.	Existing Greenbelt	9.95 Acres
3.	Existing no.of plants	6030
4.	Greenbelt Enhancement	4.26 Acres
5.	No. of trees to be planted	2,580





## Formula used for determination of Carbon sequestered by Trees

### **Step 1: Determine the total green weight of the tree:**

The green weight is the weight of the tree when it is alive. First, you have to calculate the green weight of the above-ground weight as follows:

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

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

$$W_{\text{above-ground}} = \text{Above-ground weight in pounds}$$

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:

$$W_{\text{total green weight}} = 1.2 * W_{\text{above-ground}}$$

### **Step 2: Determine the dry weight of the tree**

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%.

$$W_{\text{dry weight}} = 0.725 * W_{\text{total green weight}}$$

### **Step 3: 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%.

$$W_{\text{carbon}} = 0.5 * W_{\text{dry weight}}$$

### **Step 4: Determine the weight of carbon dioxide sequestered in the tree**

CO<sub>2</sub> has one molecule of Carbon and 2 molecules of Oxygen. The atomic weight of Carbon is 12 (u) and the atomic weight of Oxygen is 16 (u). The weight of CO<sub>2</sub> in trees is determined by the ratio of CO<sub>2</sub> to C is 44/12 = 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.

$$W_{\text{carbon-dioxide}} = 3.67 * W_{\text{carbon}}$$



### **Selection of the trees is based on:**

1. Tolerance towards pollution.
2. Fast Growth
3. High sequestration potential.
4. Indigenously growing species.
5. No exotic species has been suggested.
6. Average Growth period to be three years.
7. No vulnerable or endangered species has been chosen.

As per the study conducted the total carbon emissions mounts to 75,603 ton for the year 2021-2022. In this respect the sequestered carbon is calculated to be 0.02% approximately. List of existing plant is attached as for >10 years, 5-10 years, < 5 years respectively. Therefore a suitable plan has been suggested for plantation attempting to take this sequestration to the rise of 0.1% approximately in an average period of 3 Years. Plantation plan is attached as Annexure 1. When it comes to sequestration through afforestation, it is the best possible way to sequester carbon and reap other benefits as well. However sequestration has its limits, plantation within the plant limits the area of plantation and therefore sequestration is limited. However developing thicker greenbelt outside the plant boundaries around 10-20 m allows more sequestration. Keeping in mind the existing plantation also adds significantly to the sequestration. Maintenance of the Greenbelt is another important aspect that can significantly impact the health of the plants, leading to maximum healthy growth. During construction phase due to excessive dust, a decline in survival rate was observed. It is hence suggested to go for expansion post construction.



## Chapter - 6

### Conclusions

The CO<sub>2</sub> emission intensity in Jharkhand Ispat Pvt. Ltd. has been calculated using ISO 14404 which is proposed by world steel Association. The CO<sub>2</sub> emission intensity in Jharkhand Ispat Pvt. Ltd. is in optimum range and not harmful for environment. Still the plant has made a proposed plan to further reduce the CO<sub>2</sub> emission intensity. The Indian DRI industry consumes 8.8% of national annual industrial energy use and emits 11% of national annual CO<sub>2</sub> emissions. This represents a significant portion of the national contribution in terms of emissions and energy use. It is crucial to carefully examine the DRI industry for energy use and emissions abatement measures. The growing iron and steel industry in India is one of the key sectors to reform in order to meet the country's NDCs to the Paris Agreement, and the anticipated doubling of DRI capacity from 50 MTPA in 2018-19 to 114 MTPA by 2030-31 is further indication of the importance of this sector.

The iron making process is of key focus for reducing energy use, GHG, SO<sub>x</sub> and PM<sub>2.5</sub> emissions. There is a large contribution of NO<sub>x</sub> emissions from transport at present.

The DRI process metrics suggest that in terms of efficiency, there is a potential for 20-30% improvement on average when considering the best technologies available. This can be brought about by improving the raw material quality, proper selection of materials and process parameters and waste-heat recovery, among others. To improve raw material quality, it is suggested to explore the expansion of domestic beneficiation capacity (particularly for coal) and reduce the import share to bring a gross benefit of up to 5% in GHG emissions and 6% in energy use. Newer and more efficient beneficiation technologies could be adopted to ensure sustainable growth. Land transport using trucks can be reduced in favor of railways to improve transport efficiency and reduce overall emissions by 1-2%. Improving regulations by revising the 12-year old emissions norms and bettering the monitoring framework by inducting CEMS can go a long way in preventing plants from flouting norms without detection and reprehension. Extending the PAT scheme with stricter targets and encouragement of adopting higher productivity, WHR systems and also for fuel switching could be greatly beneficial in accelerating development. Over the next decade, however, considering the broad limitations of raw material quality/availability, technoeconomic uncertainties, etc., the development of a robust and



affordable natural gas network may be of significant potential for reduction in GHG emission from the DRI industry. In addition, capacity building must be taken up early on for accelerated hydrogen steel adoption. By enhancing research and development and deploying pilot production facilities, the overall infrastructure for a hydrogen economy can be stably built for ensured introduction of hydrogen-based steel in the coming decades. The hydrogen economy can revolutionize the industry by reducing GHG emissions by up to 94%.

In conclusion, short-term measures can be taken to increase coal-DRI performance to BAT standards. Over the medium term, natural gas adoption can be explored, whilst a suitable long-term goal is to introduce hydrogen and negate 300 million tonnes of GHG emissions, to enable truly sustainable development. A robust policy must be developed, and relevant stakeholders must be engaged in a timely manner to accelerate the GHG emission of this important industry and thus sustaining the economy over the long term.



## CO<sub>2</sub> emissions data submission form for worldsteel sectoral approach

\*Please do not change downloaded form

Site:	JIPL022
Organization:	JIPL
Year(Report period):	2022

Mandatory to fill-in
Stainless steel only
Fill-in if available
Protected calculation
Fixed value

### Site structure (the number of operated units)

Coke battery	BF > 1000 m <sup>3</sup>	Open hearth	Cold rolling	A&P lines
Sinter plant	100<BF<1000	Hot rolling	HDG lines	Bright A lines
Pellet plant	BF < 100 m <sup>3</sup>	Lime kilns	EG lines	Batch Annealing
Gas DRI	BOF shops	Oxygen plant	Tining lines	Argon/Oxy Decarb
Coal DRI	EAf units	Power plant	Smelting Reduction	Vacuum Oxy Decarb

### BASIC information

Total coke production (dry t)	
Sinter production (t)	
Pellet production (t)	
Hot metal production (t)	
DRI production (t)	65,598
BOF crude steel production (t)	
Open Hearth crude steel production (t)	0
EAf crude steel production (t)	0
Carbon crude steel production (t)	0
Hot rolled steel production (t)	
Austenitic stainless steel production (t)	
Ferritic stainless steel production (t)	
Martensitic stainless steel production (t)	
Other stainless steel production (t)	
Stainless steel production (t)	0
<b>Total Steel Production (t)</b>	<b>49,060</b>
Total Ironmaking slag production (t)	
Total steelmaking slag production (t)	
Granulated Ironmaking slag production (t)	
Granulated Steelmaking slag production (t)	
Total Granulated slag production (t)	93,039
Hot rolled stainless steel production (t)	
Cold rolled stainless steel production (t)	
Iron supply from upstream (t)	
Purchased carbon steel scraps (t)	
Purchased stainless steel scraps (t)	
Home carbon steel scraps (t)	
Home stainless steel scraps (t)	
Cr-Ni type scraps (%)	
Cr type scraps (%)	
Burnt lime production (t)	
Power generation (MWh)	18
Data verified by external body	No

### Electricity grid Information

Source of information	Energy Equivalent	
	GJ/MWh	Upstream CO <sub>2</sub> value t CO <sub>2</sub> /MWh
Global average grid mix	9.800	0.504
IEA yearly update global grid mix	9.800	0.476
National or regional regulator mix		
Site power supply contract mix		



Materials /Energies	Unit	Site data				Conversion factors		Calculation results				
		Purchased Procured	Sold Delivered	C content Site measurement	Energy Equivalent	Emission Factor	Upstream CO <sub>2</sub> value	Scope 1 Direct emissions	Scope 1.1 emissions	Scope 2 emissions	Scope 3 emissions	Total Energy
				t C/unit	GJ/unit	t CO <sub>2</sub> /unit	t CO <sub>2</sub> /unit	t CO <sub>2</sub>	t CO <sub>2</sub>	t CO <sub>2</sub>	t CO <sub>2</sub>	TJ
Iron ore	dry t	94,735		0.010		0.037		3,505			-	-
Coking coal	dry t			0.835	32.200	3.060		-			-	-
BF injection coal	dry t			0.806	31.100	2.953		-			-	-
Sinter/BOF coal	dry t			0.760	29.300	2.785		-			-	-
Steam coal	dry t	74,571		0.672	25.900	2.462		1,83,594			-	1,931
EAF coal	dry t			0.889	30.100	3.257		-			-	-
SR/DR1 coal	dry t			0.806	31.100	2.953		-			-	-
Coke	dry t			0.889	30.100	3.257	0.224	-			-	-
Charcoal	dry t		8,330		18.800			-			-	157
Petroleum coke	t			0.850	31.935	3.115		-			-	-
Used plastic	t				46.000	2.416		-			-	-
Used tires	t				35.000	2.199		-			-	-
Heavy oil	m <sup>3</sup>				37.700	2.907	0.276	-			-	-
Light oil	m <sup>3</sup>				35.100	2.601	0.247	-			-	-
Kerosene	m <sup>3</sup>				34.700	2.481	0.247	-			-	-
LPG	t				47.300	2.985		-			-	-
LNG	k.m <sup>3</sup> N			0.550	35.900	2.015	0.665	-			-	-
Natural gas	k.m <sup>3</sup> N			0.550	35.900	2.015	0.000	-			-	-
Green hydrogen	t				120.000		0.000	-			-	-
Blue hydrogen	t				120.000		1.800	-			-	-
Grey hydrogen	t				120.000		19.800	-			-	-
Fossil free biogas	t			0.751	50.400		0.000	-			-	-
Limestone	dry t			0.120		0.440		-			-	-
Burnt lime	t				4.500		0.950	-			-	-
Crude dolomite	dry t	1,815		0.130		0.476		864			-	-
Burnt dolomite	t				4.500		1.100	-			-	-
Sinter	t				2.450		0.262	-			-	-
Pellets	t				2.100		0.137	-			-	-
EAF electrodes	t					3.663	0.650	-			-	-
Low carbon iron units	t			0.047	20.900	0.172	1.855	-			-	-
Pig iron	t	15,258		0.047	20.900	0.172	1.855	2,624			28,304	319
Cold Iron	t			0.047	20.900	0.172	1.855	-			-	-
Ni pig iron	t			0.005		0.018	5.200	-			-	-
Charcoal based pig iron	t			0.047	20.900	0.172	1.855	-			-	-
Biomass	t			0.476	15.600		0.000	-			-	-
Gas based DRI	t			0.020	14.100	0.073	0.780	-			-	-
Coal based DRI	t	39,640	65,598	0.020	17.900	0.073	1.210	1,895			31,409	465
Low carbon DRI	t			0.020	14.100	0.073	0.780	-			-	-
Ferro-Nickel	t			0.010		0.037	8.676	-			-	-
Nickel oxides	t			0.001		0.004	20.279	-			-	-
Nickel metal	t			0.001		0.004	13.579	-			-	-
Ferro-Chromium	t			0.075		0.275	5.987	-			-	-
Molybdenum oxides	t			0.001		0.004	6.500	-			-	-
Ferro-Molybdenum	t			0.005		0.018	8.500	-			-	-
Ferro-Manganese	t			0.050		0.183	2.789	-			-	-
Ferro-Silicon	t			0.001		0.004	4.000	-			-	-
Silico-Manganese	t			0.005		0.018	1.400	-			-	-
Silicon (Metal)	t			0.001		0.004	5.000	-			-	-
Electricity	MWh	74,066			9.800		0.504	-		37,329		726
Steam	t				3.800		0.195	-			-	-
Oxygen	k.m <sup>3</sup> N				6.900		0.355	-			-	-
Nitrogen	k.m <sup>3</sup> N				2.000		0.103	-			-	-
Argon	k.m <sup>3</sup> N				2.000		0.103	-			-	-



	Coke oven gas	k.m <sup>3</sup> N			0.228	19.000	0.835	0.977	-	-	-	-			
	Blast furnace gas	k.m <sup>3</sup> N			0.243	3.300	0.890	0.170	-	-	-	-			
	BOF gas	k.m <sup>3</sup> N			0.413	8.400	1.513	0.432	-	-	-	-			
New	Waste heat	GJ				1.000		0.051	-	-	-	-			
New	Ethanol	m <sup>3</sup>			0.410	23.575		1.494	-	-	-	-			
New	Methanol	m <sup>3</sup>			0.293	15.662		1.369	-	-	-	-			
New	Ammonia	t				37.500		1.600	-	-	-	-			
	BF slag	t		93,039				0.550	-	-	-	51,171			
	BOF slag	t						0.300	-	-	-	-			
New	EAF slag	t						0.300	-	-	-	-			
	CO2 to external use	t					1.000		-	-	-	-			
New	Permanently sequestered CO2	t					1.000		-	-	-	-			
	Coal tar	t				37.000		3.389	-	-	-	-			
	Benzole	t				40.570		3.382	-	-	-	-			
	w/o undecided credits	CO2 Intensity		4.54	tCO2/tCrudeSteel	Grand Total	2,22,916	tCO2	Sub Total	1,88,692	-	37,329	-	3,105	
	w/ undecided credits	CO2 Intensity		3.50	tCO2/tCrudeSteel	Grand Total	1,71,745.00	tCO2	Sub Total	1,88,692	-	37,329	-	54,276	2,354
		CI by Slags	-	1.04	tCO2/tCrudeSteel	Slags	51,171.00	tCO2	Slags	-	-	-	-	51,171	
		CI External CO2	-	-	tCO2/tCrudeSteel	External CO2	-	tCO2	External CO2	-	-	-	-	-	
		Sequestered CI	-	-	tCO2/tCrudeSteel	Sequestered CO2	-	tCO2	Sequestered CO2	-	-	-	-	-	
		CCU Products	-	-	tCO2/tCrudeSteel	CCU Products	-	tCO2	CCU Products	-	-	-	-	-	
	Energy Intensity			47.98	GJ/tCrudeSteel										

**Useful unit conversions**

Volume	1	scf	0.026862	m <sup>3</sup> N
Volume	1	gal	0.003785	m <sup>3</sup>
Weight	1	lb	0.453592	kg
Weight	1	nt	0.907184	mt
Energy	1	mmBTU	1.054349	GJ
Energy	1	mBTU/scf	39.251136	MJ/m <sup>3</sup> N
Energy	1	mBTU/nt	1.162222	MJ/mt
Energy	1	BTU/gal	0.278530	MJ/m <sup>3</sup>



## GREEN BELT PLANTATION PLAN FOR JIPL AND ITS SEQUESTRATION POTENTIAL

Common Name	Plant Species	Family	Number	Average Height above the ground (feet)	Average Diameter of the trunk (inches)	Weight of the tree above ground (pounds)	Total Weight of the tree (pounds)	Dry weight of the tree (pounds)	Weight of the carbon present (pounds)	Weight of carbon dioxide sequestered (pounds)	Weight of the carbon sequestered (tonne)	Weight of the carbon sequestered (tonne/annum)
<b>TREES</b>												
P	Monoon Longifolium	Annonaceae	300	49	20	1470000	1764000	1278900	639450	2346781.5	1066.718864	355.5729545
Akashmoni	Acacia auriculiformis	Fabaceae	150	78	25	1828125	2193750	1590468.8	795234.375	2918510.2	1326.595526	442.1985085
Mimosa	Acacia farnesiana	Fabaceae	65	82	18	431730	518076	375605.1	187802.55	689235.36	313.2887993	104.4295998
Chiku	Achrassapota	Sapotaceae	50	75	20	375000	450000	326250	163125	598668.75	272.1221591	90.70738636
	Ailanthus excels	Simaroubaeae	45	65	26.3	505798.31	606957.975	440044.53	220022.266	807481.72	367.0371436	122.3457145
Siris	Albizia amara	Fabaceae	50	64	45	1620000	1944000	1409400	704700	2586249	1175.567727	391.8559091
Frywood	Albizia lebeck	Fabaceae	45	70	27	574087.5	688905	499456.13	249728.063	916501.99	416.5918134	138.8639378
Karoi	Albizia procera	Fabaceae	35	42	54	1071630	1285956	932318.1	466159.05	1710803.7	777.6380516	259.2126839
Milkwood	Alstonascholaris	Apocynaceae	45	36	12	58320	69984	50738.4	25369.2	93104.964	42.32043818	14.10681273
Neem	Azadirachtaindica	Meliaceae	250	55	19	1240937.5	1489125	1079615.6	539807.813	1981094.7	900.4975781	300.1658594
Bidi leaf	Bauhinia recemosa	Fabaceae	75	16	10	30000	36000	26100	13050	47893.5	21.76977273	7.256590909
White Orchid	Bauhinia acuminata	Fabaceae	55	7	12	13860	16632	12058.2	6029.1	22126.797	10.057635	3.352545
Butterfly Tree	Bauhinia purpurea	Fabaceae	65	15	6	8775	10530	7634.25	3817.125	14008.849	6.367658523	2.122552841
Shisham	Dalbergia sisoo	Fabaceae	75	76	70	6982500	8379000	6074775	3037387.5	11147212	5066.914602	1688.971534
Mango	Mangifera indica	Anacardiaceae	200	60	25	1875000	2250000	1631250	815625	2993343.8	1360.610795	453.5369318
Chinaberry	Melia azadirachta	Meliaceae	50	50	24	360000	432000	313200	156600	574722	261.2372727	87.07909091
Yellow Flame	Peltophorumterocarpum	Fabaceae	75	60	35	1378125	1653750	1198968.8	599484.375	2200107.7	1000.048935	333.3496449
Manila Tamarind	Pithecellobium ducle	Fabaceae	65	45	20	292500	351000	254475	127237.5	466961.63	212.2552841	70.75176136
Java Plum	Syzygium cumini	Myrtaceae	35	47	25	257031.25	308437.5	223617.19	111808.594	410337.54	186.5170632	62.1723544
Tulip Tree	Thespesia populnea	Malvaceae	45	62	32	714240	857088	621388.8	310694.4	1140248.4	518.2947491	172.7649164
Teak	Gmelina arborea	Lamiaceae	350	100	14	1715000	2058000	1492050	746025	2737911.8	1244.505341	414.8351136
Indian Bael	Aegle marmelos	Rutaceae	30	26	8	12480	14976	10857.6	5428.8	19923.696	9.056225455	3.018741818
Banyan	Ficus benghalensis	Moraceae	35	87	112	9549120	11458944	8307734.4	4153867.2	15244693	6929.405738	2309.801913
2190											23485.41917	7828.473057
<b>Flowering trees</b>												
Golden Shower	Cassia Fistula	Fabaceae	75	40	36	972000	1166400	845640	422820	1551749.4	703.7412245	234.5804082
Champak	Michelia champaca	Magnoliaceae	50	85	62	4084250	4901100	3553297.5	1776648.75	6520300.9	2957.052568	985.6841893
Coral Tree	Erythrina Blakei	Fabaceae	45	65	45	1480781.3	1776937.5	1288279.7	644139.844	2363993.2	1072.105772	357.3685906
Mango-pine	Barringtonia Acutangula	Lecythidaceae	50	82	26	692900	831480	602823	301411.5	1106180.2	501.6690272	167.2230091
Yellow elder	Tecoma stans	Bignoniaceae	40	10	16	25600	30720	22272	11136	40869.12	18.5347483	6.178249433
Bottlebrush	Melaleuca citrina	Myrtaceae	60	25	24	216000	259200	187920	93960	344833.2	156.3869388	52.12897959
320											5409.490278	1803.163426
2190											9631.636484	





# JHARKHAND ISPAT PRIVATE LIMITED

**ADMN. OFFICE** : Near P.N. Bank, Main Road, Ramgarh Cantt.  
Dist Ramgarh (Jharkhand) -829 122

**CIN** : U34102UP1991PTC012872

**Telephone** : 06553-226846, Fax:226845  
E-mail: jiplramgarh@gmail.com

IS-2830



CML - 5406366

**WORKS :**

Vill. & P.O. - Hesla, Argada  
Ramgarh Cantt.-829 122  
Dist.-Ramgarh (Jharkhand)

Ref. No.....

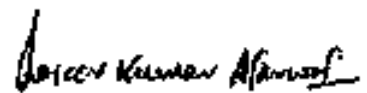
Date.....

## ENVIRONMENT POLICY

JHARKHAND ISPAT PRIVATE LIMITED (JIPL) is engaged in production of Steel & Steel product is committed towards clean and sustainable environment. The mission of JIPL is to produce Steel & Steel product in an environment friendly manner and is strive to;

- Integrate sound environmental management practices in all the activities.
- Conduct the operations in environmentally responsible manner to minimize pollution and its' impact on environment.
- Comply with applicable legal and other requirements related to environmental aspects of the operations and strive to go beyond. The environmental management cell will be headed by EHS Manager, a well qualified and experienced environment engineer.
- JIPL shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.

For and on behalf of  
JHARKHAND ISPAT PVT. LTD.

  
RAJEEV KUMAR AGARWAL  
(Director)  
DIN: 00189979

## Analytical Test Report

Unique Lab Report No.		TC1288724000000284			
Report Unique ID		RP0391241510		Issue date/time	13.04.2024/ 16:49
Discipline	Chemical	Group	Atmospheric Pollution	Sub Group	Ambient Air Quality

### Report Issue to

M/s - <b>JHARKHAND ISPAT PRIVATE LIMITED</b> VILL: HESLA, PO: ARGADA, RAMGARH, JHARKHAND	Contact Person	Mr. Ram Chandra Rungta	
	Contact Number	+91 9337292105	
	Email Id	jpllegal@gmail.com	
Order Number	<b>18984256</b>	Order Date	<b>06.04.2024/ 07:57</b>

### References of Quality Management System (Steps of Traceability Chain)

Customer Registration No.	EPIC/PCB/0391	Sample Booking Number	EPIC-241510
Sample(s) Code	241510-(A), (B), (C)	Sample Receipt (D/T)	09.04.2024/ 13:34

### Sampling References

Type of Industry	Sponge Iron	Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method used	IS 5182 and CPCB Air Manual Volume - 1 (NAAQM/36/2012-13)		
Sampling Start (D/T)	07.04.2024/ 14:00	Sampling End (D/T)	08.04.2024/ 14:10
Mode of Sampling	Conducted by laboratory	Sample collected by	Mr. Janardan Kumar & team
Description/condition of sample	Receipt sample(s) were fit for analysis		

### Environmental Condition during sampling

Weather condition	Clear	Temperature (°C)	34	Humidity %	50	Wind direction	360°-180°
-------------------	-------	------------------	----	------------	----	----------------	-----------

### Sampling Location(s) with GPS coordinate(s)

S. Location A	Near Main gate of unit	GPS coordinate	23° 38' 57.88"/ 85° 27' 53.21"
S. Location B	West corner side of unit	GPS coordinate	23° 38' 55.38"/ 85° 27' 45.98"
S. Location C	Near Online PM 10 Analyzer	GPS coordinate	23° 38' 56.57"/ 85° 27' 51.71"

### Date(s) of performance of the laboratory activities

Test start date/time	09.04.2024/ 13:46	Test completion date/time	12.04.2024/ 16:34
----------------------	-------------------	---------------------------	-------------------

Sl	Tested Parameters	Method used	Unit	Results			Limits	MU%
				A	B	C		
1.	Particulate Matter (PM <sub>10</sub> )	IS:5182 (P-23) 2022	µg/m <sup>3</sup>	92.02	94.95	89.89	100	± 3.24
2.	Fine Particulate Matter (PM <sub>2.5</sub> )	IS 5182 (P-24) 2019	µg/m <sup>3</sup>	42.26	46.35	40.31	60	± 6.65
3.	Suiphur Dioxide (SO <sub>2</sub> )	IS:5182 (P-02) 2023	µg/m <sup>3</sup>	16.46	12.76	14.96	80	± 7.52
4.	Nitrogen Dioxide (NO <sub>2</sub> )	IS:5182 (P-06) 2022	µg/m <sup>3</sup>	36.63	30.24	34.31	80	± 4.53

--Test result End --

Prescribed Limit	Environmental (Protection) Rules, 1986 Schedule VII.
Remarks	Unit was operational during sampling,

### Contractual Notes

- The laboratory accepts responsibility for content of this report.
- Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time
- Laboratory is maintaining, Temperature 25 ± 2°C and Relative Humidity 45 ± 5 % in all testing area as per IS 196:1966
- The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.
- Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com)
- Total liability of EPIC LabTech Pvt. Ltd. will be limited to invoiced amount only.
- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges
- Opinion does not imply endorsement of the tested product by laboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report.
- When the results are from external provider are marked as \* mark.

Analysed by - Nargish Perween, Supervise by - A.K. Sinha



Checked by  
(B.N. Kumar)  
Technical Head

Verified & Issue by  
(Umesh Das)  
Laboratory Head

Authorized Signatory  
EPIC LabTech Pvt. Ltd.  
Ranchi, Jharkhand



The image shows a red LED display board for an air quality monitoring station. The board is titled "JHARKHAND ISPAT PVT. LTD" and displays the following data:

STATION	PARAM	VALUE	UNIT
AAQM5	SO2	16.74	ppb
	NO	17.92	ppb
	NO2	1.33	ppb
	NOx	19.32	ppb
	PM2.5	0.03	µg/m <sup>3</sup>
	PM10	63.98	µg/m <sup>3</sup>



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**Regarding compliance for the period October, 2023 to March, 2024 to the conditions of Environment Clearance for Sponge Iron Plant (4x100 TPD), Induction furnace (2x12T+1x12T), Rolling Mill (90,000 TPA) and 18 MW power plant [6 MW WHRB, 2 MW Coal char based and 10 MW Coal based]**

1 message

---

**Jharkhand** <jam.env2018@gmail.com>

Thu, Jun 6, 2024 at 10:39 AM

To: ro.ranchi-mef@gov.in

Cc: rdkolkata.cpcb@gov.in, ranchijspcb@gmail.com, jspcb\_hazaribagh@rediffmail.com

Bcc: Jharkhand &lt;jam.env2018@gmail.com&gt;

JIPL/2024-25

06/06/2024

To,  
The Additional Principal Chief Conservator of Forests (C),  
Government of India,  
Ministry of Environment, Forest & Climate Change,  
Integrated Regional Office (Eastern Central Zone),  
2nd Floor, Headquarter-Jharkhand State Housing Board,  
Harmu Chowk, Ranchi, Jharkhand- 834002

Sub:-Regarding compliance for the period October, 2023 to March, 2024 to the conditions of Environment Clearance for Sponge Iron Plant (4x100 TPD), Induction furnace (2x12T+1x12T), Rolling Mill (90,000 TPA) and 18 MW power plant [6 MW WHRB, 2 MW Coal char based and 10 MW Coal based].

Ref: - Environment Clearance Letter No. F. No. J-11011/41/2013-IA-II (I) Dated- 07/09/2022.

Dear Sir,

In reference to the above subject matter & reference letter, the point wise Half Yearly compliance status for the period of October, 2023 to March, 2024 is being submitted for your kind perusal please.


Hope you will find this in order and oblige.

Thanking you.

Yours faithfully

**For Jharkhand Ispat Pvt Ltd**

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 **JIPL - EC Compliance - Oct 23 to March -2023.pdf**  
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