

Thu, Dec 12, 2024 at 3:44 PM

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

1 message

Jharkhand <jam.env2018@gmail.com> 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.



24.pdf

Regards,

Manoj Kumar Manager (Environment) Jharkhand Ispat Pvt Ltd Mob. No. - 9661817022 JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE

:

:

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

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

12/12/2024

JIPL/2024-25

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

Name of Project:	Jharkhand Ispat Pvt. Ltd.
Capacity:	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].
Location:	Village & P.O – Hesla, Via – Argada, Dist Ramgarh, Jharkhand.
EC letter No.	F. No. J-11011/41/2013-IA-II(I) Dated- 07/09/2022.

A. SPECIFIC CONDITION:

Sl. No.	CONDITION		COMPLIANCE		
i. ii.	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	07/0 been onwa Follo	wing activities has be	ar of damage ren vial year 2023-24 een completed:-	nediation plan has i.e 1st April 2023
	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	Folio S1. No 01	wing CER activities anActivityGreenBeltdevelopmentinbarren& stonyforestlandareaofabout5Halocatedbetweenthe villagethe villageArgadaandJharkhandIspatPvtLtdinconsultationwithDFO, Ramgarh.Distributionof	46,350/-	Remark Supporting documents are enclosed as Annexure – 1 Supporting
	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.	03	seedling (Paddy) & Manure (DAP) to the villagers of Hesla & Maraar Distribution of agricultural tools for agriculture purpose to villagers of Hesla and Maraar.	1,63,000/-	documents are enclosed as Annexure –2. Supporting documents are enclosed as Annexure –3.
		04	Distribution of tractor (Make Mahindra) with hydraulic trolley and Rotavator to each Nagar panchayat of	21,54,940/-	Supporting documents are enclosed as Annexure – 4.

	village Hesla and			
	Maraar			
05	Distribution of	9,45,8	808.8/-	Supporting
	eight (8) numbers			documents are
	of E-Rickshaw (4-			enclosed as
	seater, Make:			Annexure –5.
	Mac Auto) with			
	charger for public			
	transport in			
	village Argada,			
	Phulsarai,			
	Maraar &			
	Barkakana			
06	Fund submitted	6,10,0	000/-	Supporting
	to the DFO,			documents are
	Ramgarh for			enclosed as
	conservation of			Annexure- 6.
	fauna in			
	Phulsarai			
	Protected Forest.			
07	Fund submitted	6,30,0	000/-	Supporting
	to the Executive			documents are
	Engineer, water			enclosed as
	ways division,			Annexure – 7
	Hazaribag			
	(Jharkhand) for			
	conservation of			
	aquatic life in			
	Damodar River.	50.0	7 2 2 7 /	
	Total	50, 2	7,337/-	
Follo	wing CER activity is g	oing on	:-	
S1. I		,01118 011		ompliance
01	J J	of 16		compliance of
	Bedded Hospita			cilities noted at
	_	edical		01 to 04, we
	facilities	with		
	affordable	and		engaged "Ram
	quality service	es in	Kumar	Rungta
	village & P.O M			ole Trust" for the
	District Ramgar			to complete the
02	Providing ENT			all respect. No
	along with Doc		suitable	land at village –
	Hesla and A	rgada	Marar w	vas available for
	villages.		the es	tablishment of
03	Distribution	of		facilities, even
	Hearing aids t			ie approach by
	needed Sr. Ci			ist as well as
	of the Hesla, M			
	and Argada vi	-	ourselve	
04	@ 1000x500 per			ust meanwhile
04	Oxygen plant	t at	has ide	entified a land

	Hesla village.	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 & Marar. In this regard we have submitted letter dated 07/10/2024 to the MoEF&CC, copy enclosed as Annexure – 8. 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.
05	Installation of one number of bore/well based on Solar Pump system along with water storage tank each in Village Hesla and	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
	Mahuatand, District: Ramgarh	activities are falling
06	Drinking water plant (10nos.) including bore well with solar power with water cooler including RO & UV in Argada & Hesala Village.	under Nagar Parishad. Accordingly we have severally approach Nagar Parishad regarding identifying and finalizing the locations and also providing the necessary
07	Sewage treatment plant	support for installation
08	in village Hesla Construction of	of these activities. Last communication
00	CoveredDrainagesystemalongwithsewagepitswithin	letter enclosed as Annexure – 9. We shall start the work as per the direction of
09	village Hesla Rain water harvesting	Nagar Parishad. We
	pit at Panchayat office	could not initiate the

		ofHesla,Argada, Maraar andworkwithout identificationMaraar andPhulsarai villagesinalization of the situities10Renovation of Ponds (Includes Cleaning/ desiltation, concrete Lining) and construction of wharf and platforms in pond located in each of Argada, Hesla, Manuan, and Maraar villages11Installation of Biodegradable waste converter (Make: Reddonatura, Capacity: 75kg/day) in Argada, Manuan and Hesla villages12Cattle food processing plant with veterinary hospital at Hesla villages13Biogas plant in Manuan, Barkakana and Maraar village14Installation of one number of bore/well based on Solar Pump system along with water storage tank each in Village Hesla and Mahuatand, District:	the & e of
		in Village Hesla and	
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 Sh Multi Modal Cargo Terminal; JIPL awarded the w under GCT vide letter no C710/GCT/ARGD/DHN dated 22/04/2024. Work is initiated and expected to	work 1/24

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		-	d by end of 2025. It is delay	due to change of
		policy of		.1 0 11.
			nly WHRB is installed and o	other facilities are
		delay.	•	
v.	Green Belt shall be developed in 40 %	Complyin	8	/ 1 m · /
	of total land with tree density of 2500		s expended Rs 25,96,356.70/- (
	trees per ha. (or 1000 trees per acre)		expenditure Rs 4,77,238/- & Rs	
	all along the periphery of the project		green belt development in barr	
	site. This shall include development		a of about 5 hectare located b	9
	of green belt with a width of 10-20 m	-	nd Jharkhand Ispat Pvt Ltd in	
	within the project site towards	DFO, Ra	amgarh. Letter of DFO regarding	ng development of
l	Argarda village and Mahuwa Tand	barren 8	& stony forest land for plantation	on is enclosed as
l	5	Annexure	• •	
l	village.	Detail ex	penditure are given below:-	
l			Particulates	Amount
I		Year 202	23-24	
l		01	Lease Rent Paid for deployed	64,440.00
l			heavy vehicle machinery -	
ł	1		Hyva, Dozer & Poklen	
l	1	02	Diesel & lubricant used	3,47,716.00
ł	1		provided to the deployed	
ł	1		heavy vehicle machinery.	
ł	1	03	Payment for site	36,000.00
l	1		development and laying of	
l	1		soil etc.	
1			TOTAL	4 49 156 00/
		1	IOIAL	4,48,156.00/-
Į		Year 202	24-25 till date	4,48,150.00/-
		Year 202	24-25 till date	1,39,190.00
			24-25 till date Payment for saplings	
			24-25 till date Payment for saplings purchases for plantation,	
			24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal,	
			24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure	
			24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and	
			24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt	
		01	24-25 till date 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
			24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used	
		01	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed	1,39,190.00
		01	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery.	1,39,190.00
		01	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed	1,39,190.00
		01	 24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – 	1,39,190.00
		01	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen	1,39,190.00
		01 02 03	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen	1,39,190.00 10,93,908.80 5,20,000.00
		01 02 03	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site	1,39,190.00 10,93,908.80 5,20,000.00
		01 02 03	 24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. 	1,39,190.00 10,93,908.80 5,20,000.00 25,300.00
		01 02 03 04	 24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. Payment for pipeline work 	1,39,190.00 10,93,908.80 5,20,000.00
		01 02 03 04	 24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. 	1,39,190.00 10,93,908.80 5,20,000.00 25,300.00
		01 02 03 04	 24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. Payment for pipeline work with sprinklers installation 	1,39,190.00 10,93,908.80 5,20,000.00 25,300.00
		01 02 03 04 05	 24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. Payment for pipeline work with sprinklers installation for green belt development 	1,39,190.00 10,93,908.80 5,20,000.00 25,300.00 2,22,579.90 1,59,782.00
		01 02 03 04 05	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. Payment for pipeline work with sprinklers installation for green belt development Wire fencing work	1,39,190.00 10,93,908.80 5,20,000.00 25,300.00 2,22,579.90
vi.	Performance test shall be conducted	01 02 03 04 05 06	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. Payment for pipeline work with sprinklers installation for green belt development Wire fencing work TOTAL GRAND TOTAL	1,39,190.00 10,93,908.80 5,20,000.00 25,300.00 2,22,579.90 1,59,782.00 21,60,760.70/-
vi.	Performance test shall be conducted on all pollution control systems every	01 02 03 04 05 06 Compilin	24-25 till date Payment for saplings purchases for plantation, agricultural tools like kudal, gaita etc, Gobar manure with transportation and labour charges for green belt development. Diesel & lubricant used provided to the deployed heavy vehicle machinery. Lease Rent Paid for deployed heavy vehicle machinery – Hyva, Dozer & Poklen Payment for site development and laying of soil etc. Payment for pipeline work with sprinklers installation for green belt development Wire fencing work TOTAL GRAND TOTAL	1,39,190.00 10,93,908.80 5,20,000.00 25,300.00 2,22,579.90 1,59,782.00 21,60,760.70/- 26,08,916.70/-

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GENERAL CONDITION:

S1.No	CONDITION	COMPLIANCE
Ι	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.	Agree with.
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	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	Photograph of AAQMS is enclosed as
	time to time. The CEMS and CAAQMS shall be	Annexure – 12.
	connected to SPCB and CPCB online servers and	
	calibrate these systems from time to time according to	
	equipment supplier specification through labs	
	recognized under Environment (Protection) Act, 1986	
	or NABL accredited laboratories.	
ii	The project proponent shall monitor fugitive emissions	Being complied.
	in the plant premises at least once in every quarter	Fugitive monitoring report is enclosed
	through laboratories recognized under Environment	as Annexure – 13.
	(Protection) Act, 1986 or NABL accredited laboratories.	
iii	Appropriate Air Pollution Control (APC) system shall be	Agree with.
	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	Being complied on regular basis.
	and mechanized bag cleaning facilities for better	8 nos of bag filters are installed at
	maintenance of bags.	different transfer point.
v	Recycle and reuse iron ore fines, coal and coke fines,	Noted.
	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	Being complied with.
	transportation and conveying of ore, coal and other	
	raw material to prevent spillage and dust generation.	
vii	The project proponent shall provide primary and	Being complied with.
	secondary fume extraction system at all melting	
	furnaces.	
viii	Wind shelter fence and chemical spraying shall be	Noted.
	provided on the raw material stock piles.	
ix	Design the ventilation system for adequate air changes	Being complied with.
	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	Noted.
	effluent monitoring system with respect to standards	Unit has installed one number of Web
	prescribed in Environment (Protection) Rules 1986	Camera & Flow Meter near pump
	(G.S.R 414 (E) dated 30th May 2008; G.S.R 277 (E)	house. As per CPCB guideline, data is
	dated 31st March 2012 (applicable to IF/EAF); S.O.	uploaded on CPCB & JSPCB URL
	3305 (E) dated 7th December 2015 (Thermal Power	sever.
	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	Being Complied on regular basis.
L		-

	water quality at least twice a year (pre- and post- monsoon) at sufficient numbers of	Pre and post monsoon Ground water quality test monitoring & Piezometer
	piezometers/sampling wells in the plant and adjacent areas through labs recognised under Environment (Protection) Act, 1986 and NABL accredited laboratories.	reading is enclosed as Annexure – 14.
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.	
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.	Being complied on regular basis. Noise monitoring report is enclosed as Annexure – 15.
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.	Noted. For minimization of energy consumption, Unit has used LED lights.
VI.	Waste management:	
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	Noted. Till date unit has installed only WHRB
	manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office.	power plant.
iii	manufacturers for further utilization and Memorandum of Understanding in this regard shall be	ĩ
iv.	 manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused in melting Furnaces. Kitchen waste shall be composted or converted to biogas for further use. 	power plant. Noted. Rolling mill installation project is going on and expected to be
iv. VII.	 manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused in melting Furnaces. Kitchen waste shall be composted or converted to biogas for further use. Green Belt : 	power plant. Noted. Rolling mill installation project is going on and expected to be completed by end of 2025. Noted.
iv.	 manufacturers for further utilization and Memorandum of Understanding in this regard shall be submitted to the Ministry's Regional Office. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused in melting Furnaces. Kitchen waste shall be composted or converted to biogas for further use. 	power plant. Noted. Rolling mill installation project is going on and expected to be completed by end of 2025.

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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.	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.	
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.
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.	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.	by the Board of Director is enclosed as Annexure – 17 .
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	Advertised in two local newspapers
	LANTIRONMANTOL OLAORODOA GRONTAD tor those project	OF THE LISTICE FLADDAL KDADAT AND I

i	The project proponent shall make public the	Advertised in two local newspapers
	environmental clearance granted for their project	of the District, Prabhat Khabar and
	along with the environmental conditions and	Danik Bhaskar published on
	safeguards at their cost by prominently advertising it	13/09/2022 and $14/09/2022$
	at least in two local newspapers of the District or	respectively.
	State, of which one shall be in the vernacular	Environmental conditions and
	,	safeguards will be complied in due
	language within seven days and in addition this shall	course.
	also be displayed in the project proponent's website	EC letter has been put on our web
	permanently.	site <u>www.jharkhandispat.in</u>

ii	The copies of the environmental clearance shall be	Copy of environment clearance letter has been sent to the following
	submitted by the project proponents to the Heads of	authorities:-
	local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government	1) The Member Secretary,
		Jharkhand State Pollution
	who in turn has to display the same for 30 days from	Control Board, Ranchi,
	the date of receipt.	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	Being complied on regular basis.
•	basis.	
iv	The project proponent shall monitor the criteria	Being complied. Ambient Air Quality monitoring
	pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral	Report is enclosed as Annexure-18 .
	parameters, indicated for the projects and display the	Display board has been displayed on
	same at a convenient location for disclosure to the	main gate.
	public and put on the website of the company.	Photograph is enclosed as Annexure – 19 .
v	The project proponent shall submit six-monthly	Noted, being complied on regular
	reports on the status of the compliance of the	basis. Last six monthly submitted
	stipulated environmental conditions on the website of	report copy enclosed as Annexure – 20.
	the ministry of Environment, Forest and Climate	20.
•	Change at environment clearance portal.	
vi	The project proponent shall submit the	Being complied for existing plant, noted for compliance in expansion
	environmental statement for each financial year in Form-V to the concerned State Pollution Control	project.
	Board as prescribed under the Environment	Environment Statement Report has
	(Protection) Rules, 1986, as amended subsequently	been uploaded on the company web
	and put on the website of the company.	site <u>www.jharkhandispat.in</u>
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**

Ø

Authorized Signatory

Annexure - 1 **RKHAND ISPAT PRIVATE LIN**

Olc

ADMN. OFFICE

Near P.N. Bank, Main Road, Ramgarh Cantt, Dist. - Ramgarh (Jharkhand) - 829 122

CIN Telephone

Ref. No

U34102UP1991PTC012872 06553-226846, 224691, Fax: 226845 E-mail : jiplramgarh@gmail.com



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

JIPL/114/2023-24

To. The Divisional Forest Officer. V 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(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-IA-II(I) Dated 07/09/2022 (Copy effelosed as Annexure - 1). 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 Aunexure - Il for your kind reference please.

Your early action on the matter is solicited.

Thanking you,

Yours faithfully, For JHARKHAND ISPAT PVT LTD

2 Authorized Signatory



कार्यालयः- वन प्रमंडल पदाधिकारी, रामगढ़ वन प्रमंडल, रामगढ़।

(रांची रोड नियर बी.आर.एल. गेट, पो0—मरार, जिला—रामगढ़ पिन—829117) Email id – <u>dfo-ramgarh@gov.in, Landline- Q6553-296061,</u> Mobile No-8987790306

पत्राक:- 92

सेवा में

ana-30124

वन क्षेत्र पदाधिकारी, कुजू प्रक्षेत्र।

विषय :- मेसर्स झारखण्ड इस्पात प्राo लिंo, हेसला द्वारा Green Beit development हेतु स्थल निरीक्षण के संबंध में।

प्रसंगः– निदेशक, मेसर्स झारखण्ड इस्पात प्रा0 लिं0, हेसला, रामगढ़ का पत्रांक–114 दिनांक 10.12.2023

महाशय,

छपर्युक्त 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 प्रदत पर्यावरणीय स्वीकृति के अनुपालन के क्रम में मौजा–अरगडा में 05 है0 क्षेत्र में Greenbelt Develop करना है।

प्रयोक्ता अभिकरण द्वारा औधोगिक 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 उपरांत Greenbelt Develop किया जा सकता है ? क्या वन वृद्धि में इससे लाभ होगा ? पौधो की सुरक्षा के क्या उपाय किए जाएगें ? प्रतिवेदन एक सप्ताह में जमा करना सुनिश्चित करें।

अनुलग्नकः– यथोक्त।

आपका विश्वासी,

Hitist 127

वन प्रमंडल पदाधिकारी, रामगढ ।

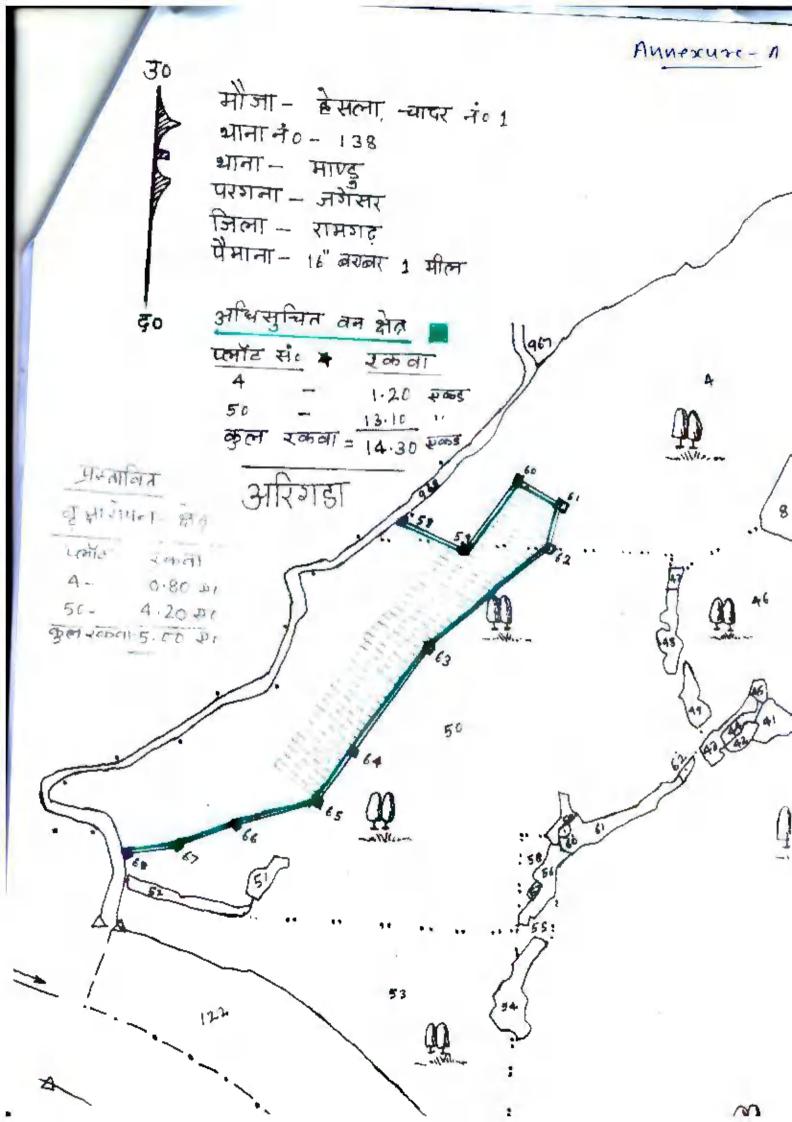
ज्ञापाक-22

दिनांक:-5 01 24

प्रतिलिपि :- निदेशक, झारखण्ड इस्पात प्राo लिंo, हेसला, रामगढ़ को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित्। 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।

> वन प्रमंडल पदाधिकारी, रामगढ।

> > 188





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, Mobile No.8987790306, Landline No.06553-296061

पत्रांक 90 / रामगढ़, दिनांक 18 01 24

सेवा में,

निदेशक, झारखण्ड इस्पात प्रा0लि0 हेसला, रामगढ |

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 प्राoलिo को भारत सरकार पर्यावरण, वन एवं जलवायु परिवर्तन मंत्रालय नई दिल्ली द्वारा प्रदत पर्यावरणीय स्वीकृति के बिन्दु संख्या–7 के अनुपालन के क्रम में औधोगिक इकाई के आस–पास Greenbelt develop किया जाना है, जिसके क्रम में प्रसंगाधीन पत्र द्वारा मौजा–अरगड़ा में समर्पित रेखांकित मानचित्र के अनुसार 5 हेo 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 शर्तो के साथ अनुमति प्रदान की जा रही है :--

- 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 रोकधाम हेतु पूर्व से फेकें मलबे का समतलीकरण कर कम--से--कम 3 से 4 फीट उपजाउ मिट्टी भरते हुए वनरोपण कार्य किया जाय।
- पौधों की सुरक्षा हेतु Chain Link Fencing/ Wire Fencing कार्य किया जाय]
- प्रस्तावित स्थल पर ग्रामीणों के हित में वनोपज / फलदार वृक्षों का वृक्षारोपण किया जाय।
- पौधों का रख-रखाव कार्य कम-से-कम पांच वर्षों का सुनिश्चित किया जाय।

- गौधारोपण 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,

वन् प्रमंडले पदाधिकारी. रामगढ

ज्ञापांक <u>90</u> दिनांक <u>18 ९ २५</u> प्रतिलिपि :- वन क्षेत्र पदाधिकारी, कुजू प्रक्षेत्र को सूचनार्थ एवं आवश्यक कार्रवाई हेतु प्रेषित।

धेकारी.

DirkbyAccount Section Shash Sir FF' Actiliater.docs

RKHAND ISPAT PRIVATE LIN

ADMN. OFFICE

CIN Telephone

Near P.N. Bank, Main Road, Ramgarh Cantt. Dist. - Ramgarh (Jharkhand) - 829 122 : U34102UP1991PTC012872



WORKS :

Date

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

13/03/2024

: 06553-226846, 224601, Fax: 226845 E-mail : jiplramgarh@gmail.com

Ref. No ЛРL/2023-24

Olc

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.
- 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 suggestions on the matter is solicited.

Thanking you,

Yours faithfully, For JHARKHAND ISPAT PVT LTD

l

Anthorized Signatory

Enc.:- As above.

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

JHARKHAND ISPAT PVT. LTD GREEN BELT DEVELOPEMENT







JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE

: Near P.N. Bank, Main Road, Ramoarh Cantt, Dist. - Ramgarh (Jharkhand) - 829 122



WORKS :

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

CIN Telephone : U34102UP1991PTC012872 : 06553-226846, 224601, Fax : 226845 E-mail : jiplramgarh@gmail.com

Ref. No JIP1/2024-25

OIC

22/05/2024 Date

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. J1PL/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, Distf- 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 hy deploying the Dozer & JCB.
- 2) Leveling of the surface of the area.
- 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

CIN Teiephone Near P.N. Bank, Main Road, Ramgarh Cantt. Dist. - Ramgarh (Jharkhand) - 829 122
U34102UP1991PTC012872
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.....

J1P1./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 ievelled by using machinery.
- 2. Scattered heavy and small stonespitchedbeside 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

Page-2

Further, development work is ongoing; planting about 1500 more saplings and sowing grass seeds at the site is 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 jobreligiously and maintain it

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Please find the above in order and oblige.

Thanking you,

Yours faithfully

For JHARKHAND ISPAT PVT LTD

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Q. Q. Daveley 20107124



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

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Google

Ramgarh Cantonment, Jharkhand, India JFV8+HRC, Ramgarh Cantonment, Jharkhand 829101, India Lat 23.645975* Long 85.450761* 03/07/24 05:25 PM GMT +05:30

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GREEN BELT PROJECT PROGRESS AS PER THE MENT CLEARANCE CON ANA

MEDIA COVERAGE

PRAVAT KHABAR, DT- 06/07/2024

झारखड इस्पात ने हेसला-DAINIK JAGARAN, DT- 06/07/2024

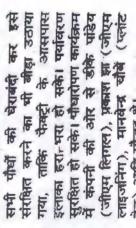
अरगडा में लगाए 1000 पौधे



वीचारोपण कार्यक्रम में शामिल कंपनी के पदाधिकारी 💩 जागरण

में करीन 1000 पींधे लगाए गए। लेकर वन प्रमंडल पर्वाधिकारी के निर्देशानुसार म अपने रामगढ़ प्रखंड के हैसला व अरगडा की कंपनी सीएसआर के तहत शुक्रवार को एक पैड़ मां के नाम कार्यक्रम को लंकर रामगढ र्हताटा समाह र इस्यात प्रालि सुरक्षा को जागरण संवाददाता, पर्यावरण **जारखड** आरसी

सभी पौधों की घेराबंदी कर इसे संरक्षित करने का भी बीड़ा उठाया गया, ताकिं फैक्ट्री के आसपास इलाका हरान्मरा हो सके। पर्यावरण सुरक्षित हो सके। यौधारोपण कार्यक्रम र्रे कंपनी की ओर से डीके पांडेय (जीएम सिंगाल), प्रकाश हा (जीएम मने (प्नांट लाइजनिंग), मानवेन्द्र



हेड) आदि मौजुद थे।

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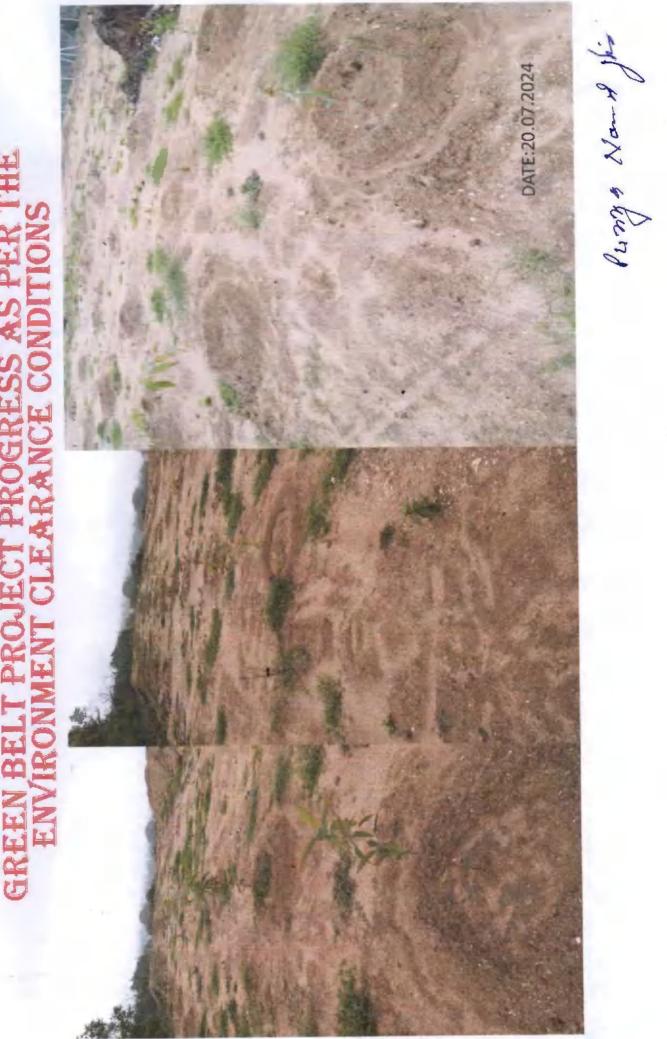
आयोजन आरसी रूंगटा समूह की कंपनी सामाजिक निगमित दायित्व के तहत महाप्रबंधक विधिक डीके पांडेय, महाप्रबंधक संचालन कृष्ण सिंह, पंकज कुमार पांडेय, आरपी शर्मा, मनोज कुमार आदि कई अन्य लोग उपस्थित थे. किया गया. इस कार्यक्रम में हेसला में लगभग एक हजार फलदार, छायादार, राजगढ़. झारखंड इस्पात प्राइवेट लिमेटेड में शूक्रवार को एक पेड़ एक मां याजना के तहत पौधरोपण कार्यक्रम का आयोजन किया गया. कार्यक्रम का औषधीय गुणों वाले पौधों को लगाया गया. मौके पर केपनी की ओर रे



GREEN BELT PROJECT PROGRESS AS PER THE ENVIRONMENT CLEARANCE CONDITIONS



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GREEN BELT PROJECT PROGRESS AS PER THE ENVIRONMENT CLEARANCE CONDITIONS

21AABAV0191P2ZC **VFPL ASIPL JV COMPANY**

b421e0bb8e5e6526	125d82d8ffe	e38ce								
2.Transaction Details										
Supply type Code : E	2B	D	ocum	n ent No. : VFP	PLASIPL/2024	IA	IGST applicable despite Recipient located in sar			
Place of Supply : JHA	RKHAND									
Document Type: Tax	Invoice	D	ocum	nent Date: 30)-04-2024					
3.Party Details										
Supplier :						Recipient :				
GSTIN: 21AABAV0	91P2ZC					GSTIN : 20AABCR2993R1ZX				
VFPL ASIPL JV COM	PANY					JHARKHAND ISPAT PVT. LTD.				
B/12, 132 KV CSC, JORABAGHA, JSG, HESLA RAMGARH										
ODHISHA 768211 C	DISHA					ARGADA Place	of Supply: JHARKHAND			
7488797812 vfpl.lal	khanpur@gr	nail.com				829101 JHARK	KHAND			
Ship To :										
GSTIN: 20AABCR29	93R1ZX									
JHARKHAND ISPAT	VT. LTD.									
HESLA RAMGARH										
ARGADA										
829101 JHARKHANE										
4.Details of Goods /	Services									
SINo Item Descriptio	n HSN	Quantity	Unit	Unit	Discount(Re) Taxable	Tax Rate(GST + Cess	Other	Total	
	Code			Price(Rs)		-	State Cess + Cess	charges		
	Couc			11100(103)		/		lena geo		

Generated By : 21AABAV0191P2ZC Print Date : 02-05-2024 16:44:05

CGST Amt

996601

0

SGST Amt

0.00

OTH 0

IGST Amt

5760.00



State CESS

0.00

32000.00

0.00

Discount

18.00 + 0.00 |

Other Charges

0.00 + 0

0.00

0

CESS Amt

0.00



Tot Inv. Amt

37760.00

37760.00

0

Round off Amt

0.00



0.00

1

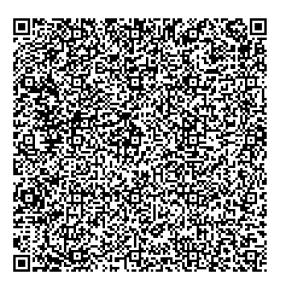
RENTAL

Tax'ble Amt

32000.00

CHARGES

21AABAV0191P2ZC **VFPL ASIPL JV COMPANY**



IRN : bc52d4cf0aa9d4a86abe24648080 0a37ec4f7e8729fd271ddfbf4b5a63	784 Ack Date : 30-04-2024 19:09:00	
2.Transaction Details		
Supply type Code : B2B	Document No. : VFPLASIPL/202	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 :		Recipient :
GSTIN: 21AABAV0191P2ZC		GSTIN: 20AABCR2993R1ZX
VFPL ASIPL JV COMPANY		JIPL
B/12, 132 KV CSC, JORABAGHA, JSG,		HESLA RAMGARH
ODHISHA 768211 ODISHA		ARGADA Place of Supply: JHARKHAND
7488797812 vfpl.lakhanpur@gmail.com		829101 JHARKHAND
Ship To :		
GSTIN: 20AABCR2993R1ZX		
JIPL		
HESLA RAMGARH		
ARGADA		
829101 JHARKHAND		

4.Del	alls of Goods	/ Servic	Les											
SINo	Item Descrip	otion HS Co		Quantity	/ Unit		e(Rs)	Discount(Rs)		Tax Rate(GST +) State Cess + Ces		Other charges		Total
										Non.Advol				
	RENTAL	99	6601	0	ОТН	0		0	326000.00	18.00 + 0.00		0		384680.00
	CHARGES									0.00 + 0				
Tax'b	ole Amt CG	ST Amt	SGST	Amt IC	GST AI	mt	CESS Amt	State CESS	6 Discount	Other Charges	Round	off Amt	Tot	: Inv. Amt
3260	00.00 0.0	0	0.00	58	8680.0	00	0.00	0.00	0.00	0.00	0.00		384	4680.00

Generated By : 21AABAV0191P2ZC Print Date : 30-04-2024 19:09:09









@ R. 95.50/2 ? Total Lons: 11190 5

	DATE	LTRS		DATE	LTRS		DATE	LTRS
	22.01.2024	190		23.01.2024	320		08.02.2024	30
	24.01.2024	270	1.1	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	HTVA: 1900	11.02.2024	88
DOZER	01.02.2024	210		31.01.2024	310		27.02.2024	30
DOZER	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
1	12.02.2024	190		4.02.2024	289	_		
	15.02.2024	160		05.02.2024	335		DATE	LTR
	29.02.2024	200	1	07.02.2024	240		08.02.2024	13
	LTRS	Ž255		08.02.2024	39 0	HYWA: 6081	09.02.2024	38
			POKLEN	12:02:2024	330	· · ·	10.02.2024	75
				13.02.2024	328		11.02.2024	73
				15.02.2024	330		LTRS	199
	10.1			18.02.2024	495			
				19.02.2024	402		DATE	LTR
	0.45			20.02.2024	437	HYWA: 0494	27.02.2024	10
	2.4			21.02.2024	320		LTRS	10
7				23.02.2024	350	· ·	104	-
				25.02.2024	228		DATE	LTR
				26.02.2024	200	HYWA: 4650	12.03.2024	20
				29.02.2024	380		LTRS	20
				01.03.2024	480			
				5.03.2024	250	- b-		

Instational security

Date 1.51.2 124

JHARKHAND ISPAT Branch_Raugash	Voucher No
Head Logesh bedigg for Soil Laying	2000.00
20 trip Rate Por the MOOR;	
12/03/24 20 trip	
pees Terro Abousqued only	
	TOTAL 2000.00

Branch_Reimyach	Date 14 02 Voucher No.	-/
1000 Jaigdish kediya for Soil Leging Rate Pes trip 2008	2) 19	400.00
09 02 24 - 69 trip 10 02/24 - 60 trip 11 02/24 - 60 trip 11 02/24 - 65 trip Total - 194 trip		
ees Noneteen thousand four hundred only.	TOTAL 19	1400.00

JHARKHAND ISPAT (P) LTD.

Branch_ Rangarh	Voucher N	10
10 Head Jagdish bedigg for Soil Laying Rate Por top 100Ks 27/02/24 - 38 thp 28/02/24 - 41 trip 29/02/24 - 67 trip Total 146 trip		14'600.00
upees fourteen thousand six hundred only	TOTAL	14,800.00
Accountant Cashier Manager Ender Passed by		eceiver's Signature

Annexure - 2

Jharkhand Ispat Pvt Ltd

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





Village – Hesla



Village- Maraar

Bill	of	Su	pply
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	Bill of S	upply								
TRIPURARI STORES -(2021-22-23)	1		Invoic	.	Dated					
Cole Road Rengerh Centt Jherkhend Tripureri, Siorse (2) yehoo, Com Mobile No. 643131805, 9706121294 8202885088 305TIN/UIN 20AAIFT5761H127 305TIN/UIN 20AAIFT5761H127 305TIN/UIN 20AAIFT5761H127 305TIN/UIN 20AAIFT5761H127	583 Delive	ary N	lote		Jun-23 Terms of Payment					
Consignee (Ship to)	Referenc	e No. 8	A Date.	Othe	r References					
JHARKHAND ISPAT PVT LTD ARGADA State Name – Jharkhand, Code : 20	583 dt. Buyer's			Date	be					
Buyer (Bitt to)	Dispate	h Do	c No.	Delivery Note Date						
HARKHAND ISPAT PVT LTD		Dispatch	ned th	Des	tination					
State Name: Jherkhand, Code:20 Place of Supply: Jharkhend			Terms	s of [Delive	яу				
Description of Goods	HSN/SAC	Quantity	Rate	-	Disc.	21	A			
	Hanvoko	Guantity	Rate	per	OISC.	% Amount				
PADOY 650 1KG 30PO (SHIRIRAM)	10061010	96 HO'S	300.00	NO'S			28,800.00			
				202	Els de					
Total										
Amount Chargeable (in words)		96 NO'S				₹:	28,800.00 E & O.E			
ndlan Rupees Twenty Eight T	housand	Eight H	undred	Onl	У					
10061010			_		Taxable Value					
	2	n /		_	т	otal	28,800.00			
rax Amount (in words) : NIL	30-									
Cempany's PAN : AAIFT5761H	7	¥								
Declaration We declare that this invoice shows to Ictual price of the goods described and that all particulars are thu	and correct.		for TR	PURA	ARI STO	ORES	-(2021-22-23)			
						Author	ised Signatory			

This is a Computer Generated Invpice

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DUPLICATE CASH / CREDIT RECEIPT (SALE TO FARMER) Retailer Name & Address Tripurari St oreRandarh Retailer ID 219589 Certificate Registration No 69/14-17 OSTIN NO 20AAIF15761H127 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 Product-Ptant Oty(Unit) Unit/Price Rat (Rs.) (Rs.) Imported ORP IPL 2.0(50 Kg Bag) 1350.0 2708.00 Total Amount (Rs) 2700 (Inclusive of GST) GST Summary Rs. 64.29 CGST (02.5%) Rs. 64.28 SGST (@2. 5%) 118 58 Total Tax Amount (Rs) Paynent Hode: Cash Subsidy to be borne hy 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 77382898 99 or visit Farper's corner at https://ur varak nic. in

Retailer Wame & Address - Tripurari St oreRangarh Retailer ID : 219589 Certificate Registration No 69/14-17 GSTIN NO : 20AAIFT5761H127 Invoice No 219589173162438 Date/Time 23/06/2023 10:25 Buyer Name - Nanoj Kumar Buyer Address Wilam Wiwas, Aashria C olony, Street Wo 3 Oyna Ranchi Jharkh and AadharNo/Virtualld : *******1930 Product-Plant Oty(Unit) Unit/Price Ant (Rs.) (Re) Inported DAP IPL 11.00(50 Kg Bag) 1350 14650.00 Total Amount (Rs) 14850 60 (Inclusive of GST) **GST Summary** CGST (02. 5%) As. 353, 57 SGST (82, 5%) Rs. 353, 57 Total Tax Amount(Rs) : 707.14 Paynent Type: CASH Subsidy to be borne by the government

Customer Copy CASH / CREDIT RECEIPT (Sale to Farmer)

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

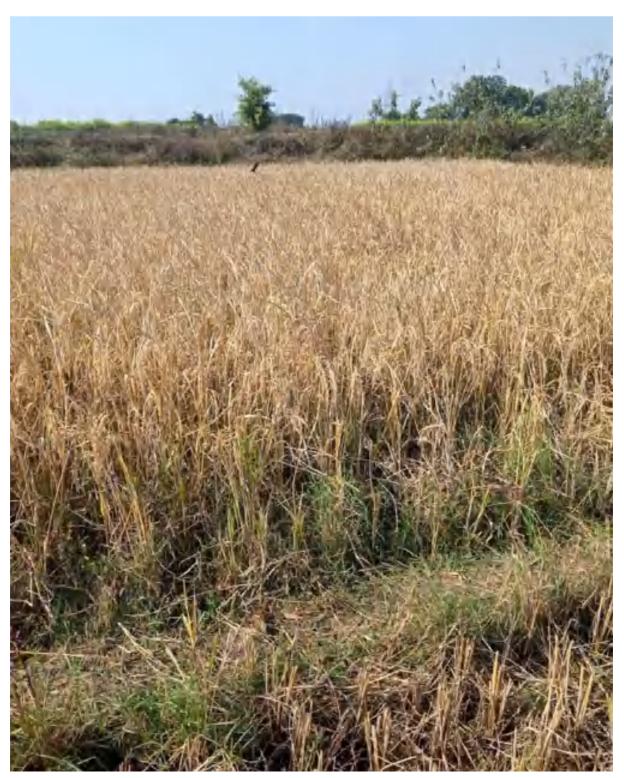
Thank You



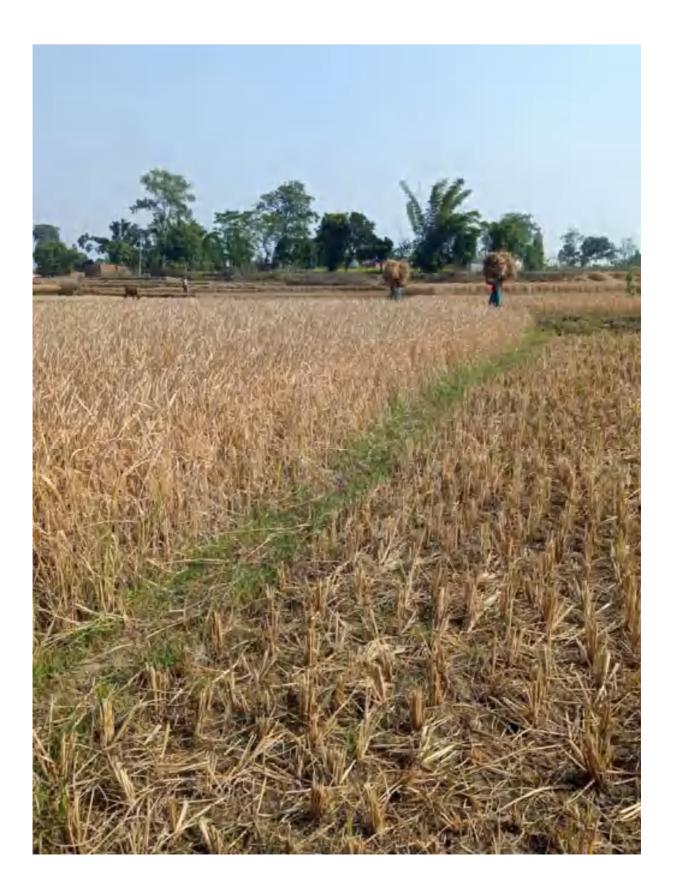
Cultivation of Paddy at Village Hesla & Maraar







Harvesting of Paddy crop at village Hesla & Maraar



Annexure - 3

JHARKHAND ISPAT PRIVATE LIMITED

OIC

ADMN, OFFICE CIN Talephonie

Ref. No.

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



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

दिनाक- 08.01.2024

Date.....

r, No

JJPL/2023-24

सेवा में,

अच्यक्ष नगर परिषद्, रामगढ, जिला–रामगढ, झारखण्ड।

विषय:- याँव हेसला और मरार के कृषकों के लिए कृषि उपकरणों के वितरण के संबंध में। संदर्भ:- पर्यावरणीय सहमति पत्र सं0- F.No.-J11011/41/2013-1A-(1) दिनांक-07.09.2022 महाशय,

उपयुंक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्राo लिए द्वारा मॉव हेसला और मरार में किसानों के लिए कृषि कार्य के लिए उपकरणों के वितरण की योजना है. जिसके लिए गाँव 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 गाँव हेसला एवं मरार के किसानों की सूची के साथ तनके 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 गाँव हेसला। 02. वार्ड पार्षद गाँव मरार। आवश्यक कार्यवाही हेतु प्रेषित।

21 Star Short

कृते झारखंड इस्पात प्रा०लि०

(मनोज कुमार) अधिकृत हस्ताक्षरकर्तां

Regd Office : Flat No. 209, 2nd Floor, Tirupati Tower, SA 7/13-2 Akhta, Pahariya, Varanasi - 221007 (Uttar Pradesh)









आवासः गोपाल मुण्डा ग्राम - हेलला (जाम्लटॉइ) वार्ड पार्षद पो० – हेसला स्तरह भारत हेसला, वार्ड सं०-12 थाना 🕂 जिला 🗕 रामगढ एक कडम साम्द्रता की ओर झारखण्ड पिन -- 829301 नगर परिषद, रामगढ मो0: 9470320320, 7004804212 जिला – रामगढ VIII061.P-12/33/024 Rento 2 03 2021 सेवा में झाररका इस्पार प्राण लिए इसला (महुवा टॉइ) जिला-रामगढ - faun: fants- 02/03/2024 \$ 40 ET # 1 AFST: 4713 40 J.I.PL/2023-24 Fants 08/01/2024 & WICHEST महाराम 'उपश्चिम निर्फा के संदेग में कहना है की हिनौड 0210312024 की झारर 903 इस्पान पाल जिल C.S.R कें जगरी सह. फेकरी आहितकरी ठाई पाछिड एव जगमान्म लोगों की जारियामें रेपी के फेकर जानमान्म लोगों की जारियाने के किसान समाजमी 34347 for - 55 for 201 f AT STREAR SEUL TIO FOR के प्रवेधक विधाउँ के पान है। ETMAIG নামে জন্মন, আমনাক

शिव शंकर निश्चा वार्ड पार्षद वार्ड सं० ०९ रामगढ नगर परिषद (झारखण्ड)



आनारा ग्राम + पो० : मरार, आना : रामगढ, जिला : रामगढ, (झारखण्ड)

বিনাক

- 11-18

Mob.:- 97981 78956 96612 50484

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ঘর্নাক राव \$0.34

सेवा में.

झारखण्ड इस्पात आठ लि०

मरार, जिला रामगढ, झारखण्ड।

विषय:- मरार गाँव में दिनांक 08.03.2024 को कृषि उपकरण वितरण के संबंध में संदर्भ:- पत्रांक संo-- |[PL/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 सवन में किसानो को कृषि उपकरण का वितरण झारखण्ड इस्पात प्रा0 लि0 के प्रबंधन द्वारा किया गया।

इस कार्य के लिए आरखण्ड इस्पात प्रा0 लि0 के प्रबंधन बधाई के पात्र है।

धन्यवाद,

06/3/2027

(ORGINAL FOR RECIPIENT)

Invoice

SWADESHI ENTERPRISES	Invoice No.		Dated												
PROPRIETOR : SUBHAM CHOWHURY	SE/2023-24/20		29-FEB-2024 Mode/Terms of Payment Other Beforence(c)												
RANCHI ROAD, MARAR, RAMGARH (JHARKHAND) 829117 3STIN : 20AVGPC9551P1ZD	Delivery Note														
CONTACT NO.: 7979740256 PAN NO. AVGPC95551P (SUBHAM CHOWDHURY)	Supplier's Ref.		Other Reference(s)												
Consignee	Buyer's Order	No.	Dated												
JHARKHAND ISPAT PRIVATE LIMITED VILL, HESLA, ARGADA	Despatch Doct	ument No.	Delivery Note Date Destination HESLA, ARGADA ,RAMGARH,JHARKHAND												
DIST: RAMGARH JHARKHAND 829101 GSTIN/UIN: 20AABCR2993R1ZX	Despatched th	nrough													
State Name : Jharkhand, Code : 20	Bill Of Lading/	Bill Of Lading/ LR-RR No. Motor Vehicle No.													
Buyer (if other than consignee)															
	-														
B 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		NOS	33800 8450										
5 SMALL SHOVEL(KHURPA)	8201	130		NOS	7150										
				TOTAL 0% CGST	147,550.00										
				0% CGST 0% SGST	147,550.00										
				0% CGST	147,550.00										
IN WORDS INR ONE LAKH FORTY SEVEN THOUSAND FIVE HUH	DRED FIFTY ONLY.			0% CGST 0% SGST FARE	-										
INR ONE LAKH FORTY SEVEN THOUSAND FIVE HUH	DRED FIFTY ONLY.			0% CGST 0% SGST FARE ROUNDUP	147,550.00										
IN WORDS INR ONE LAKH FORTY SEVEN THOUSAND FIVE HUH BANK DETAILS : SWADESHI ENTERPRISES A/C NO . 2515201001158 (CANARA BANK) IFSC : CNRB0002515 BRANCH : RAMGARH CANTT	DRED FIFTY ONLY.		GR	0% CGST 0% SGST FARE ROUNDUP DSS TOTAL	147,550.00 147,550.00 147,550.00										
INR ONE LAKH FORTY SEVEN THOUSAND FIVE HUH BANK DETAILS : SWADESHI ENTERPRISES A/C NO . 2515201001158 (CANARA BANK) IFSC : CNRB0002515	DRED FIFTY ONLY.		GR	0% CGST 0% SGST FARE ROUNDUP DSS TOTAL	147,550.00 147,550.00										

(ORGINAL FOR RECIPIENT)

SWADESHI ENTERPRISES	Invoice No.		Dated										
PROPRIETOR : SUBHAM CHOWHURY	SE/2023-24/20		29-FEB-2024										
RANCHI ROAD, MARAR, RAMGARH (JHARKHAND) 829117 GSTIN : 20AVGPC9551P1ZD	Delivary Note		Mode/Terms										
CONTACT NO. 7979740256 PAN NO. AVGPC95551P (SUBHAM CHOWDHURY)	Supplier's Ref.		Other Reference(s)										
Consignee	Buyer's Order	No.	Dated										
JHARKHAND ISPAT PRIVATE LIMITED VILL. HESALA, ARGADA	Despatch Doc	ument No.	Delivery Note Date Destination HESLA, ARGADA ,RAMGARH,JHARKHAND										
DIST: RAMGARH JHARKHAND 829101	Despatched th	rough											
GSTIN/UJN: 20AABCR2993R1ZX State Name : Jharkhand, Code : 20	Bill Of Lading/ LR-RR No. Motor Vehicle No.												
Buyer (if other than consignea)	_												
	-												
s Description of Goods	HSN/SAC	Quantity	Rate	Per	Amount								
1 GHAMELLA G.I	7323	130	115.00	BOX	14950								
				1									
				-									
				TOTAL	14,950.00								
				9% CGST 9% SGST	1,345.50								
Change -				FARE	57 044 00								
IN WORDS INR SEVENTEEN THOUSAND SIX HUNDRED FORTY ONE ON	ILY.		GR	ROUNDUP OSS TOTAL	17,641.00								
				1	DI Entro								
BANK DETAILS : SWADESHI ENTERPRISES A/C NO . 2515201001158 (CANARA BANK)				And Contraction	" Clowed								
IFSC : CNRB0002515 BRANCH : RAMGARH CANTT	1			All all	J.S								
	-			FOR SWADES	HENTERPRISE								
					and the set of the set								



रामगढ 03-03-2024

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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।



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रामगढ 07-03-2024

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किसानों में कृषि उपकरण का वितरण किया गया

रामगढ़। रूंगटा समूह झारखंड इस्पात की ओर से को-ऑरपोरेट इनवायरमेंट रिस्पांसिबिलिटी 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 पार्षद शंकर मिश्रा ने किसानों को कृषि उपकरण दिए। किसानों के बीच कृषि उपकरण कीट 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 ।

nnexure - 4 HARKHAND ISPAT PRIVATE I

ADMN. OFFICE

CIN Telephone

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

OLL



WORKS :

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

Ref. No JIPL/2023-24 To, The Executive Officer,

Nagar Parishad Ramgarh,

Dist. - Ramgarh (Jharkhand).

1

:

Date

18/03/2024

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

Ref.:- Euvironment clearance Latter 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 Hesia and Maraar, Dist. Ramgarh (Jharkhand).

Kindly give the needful direction to whom we will handing one, 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

CIPERci .- As above.

JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE

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



WORKS :

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

Ref. No

0/0

Date.....

JIPL/2023-24

दिनांक:- 18.03.2024

सेवा में,

वार्ड पार्षद ग्राम हेसला जिला–रामगढ़, झारखण्ड।

विषयः— गाँव हेसला के नगर पंचायत के लिए हाइड्रोलिक ट्रॉली एवं रोटाबेटर के साथ एक ट्रैक्टर देने के संबंध में। संदर्भः— पर्यावरणीय सहमति पत्र सं0– F.No.-J11011/41/2013-LA-(I) दिनांक–07.09.2022 महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा0 लि0 द्वारा गाँव हेसला में किसानों के कृशि 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 ट्रेक्टर एवं उससे सम्बधित मधिनों को कम्पनी द्वारा खरीद कर आपके वार्ड को देने

की व्यवस्था पूरी की जा सके और क़िसानों के कृशी कार्य में हित लाम हो सके।

संघन्यवाद,

प्रतिलिपिः-

कृते झारखंड इस्पात प्रा0लि0

01.अध्यक्ष नगर परिशद् रामगढ़ (झा0)। आवष्यक कार्यवाही हेतु प्रेशित।

(मनोज कुमार) अधिकृत हस्ताक्षरकर्ता

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ADMN. OFFICE

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



WORKS :

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

Ref. No

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दिनांक:- 12.01.2024

सेवा में

JIPL/2023-24

वार्ड पार्षद ग्राम मरार जिला–रामगढ़, झारखण्ड i

विषयः- गाँव मरार के नगर पंचायत के लिए हाइड्रोलिक ट्रॉली एवं रोटाबेटर के साथ एक ट्रैक्टर देने के संबंध में।

संदर्भः— 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 प्राo लिo द्वारा गाँव मरार 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 मरार के वार्ड पार्षद का स्वीकृत प्रस्ताव इन्वार्ज के रूप में अधिकृत व्यक्ति का पैन कार्ड, आधार कार्ड एवं पासपोर्ट साईज फोटो (दो पीस) को उपलब्ध कराये। जिससे ट्रेक्टर एवं उससे सम्बधित मशिनों को कम्पनी द्वारा खरीद कर आपके वार्ड को देने की व्यवस्था पूरी की जा सके और किसानों के कृषी कार्य में हित लाभ हो सके।

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सधन्यवाद,

प्रतिलिपिः–

01. अध्यक्ष नगर परिषद् रामगढ़ (झा0) i आवश्यक कार्यवाही हेतु प्रेषित l

No) 8194MI

कृते झारखंड इस्पात प्रा०लि०

(मनोज कुमार) अधिकृत हस्ताक्षरकर्ता

मीपाल मुण्डा वार्ड पार्षद हेसला, वार्ड सं०-12 नगर परिषद, रामगढ़ जिला – रामगढ़

भारत C 250 एक कदम स्वच्छता की ओर

आवासः ग्राम – हेसला (जामुनटाँड़) पो0 – हेसला थाना + जिला – रामगढ़ झारखण्ड पिन – 829101 मो0:9470320320,7004804212

Rain 27105

yaro N.P-121401024

सेवा में,

श्रीमान् निदेशक महोदय

झारखण्ड इस्पात प्रा0 लि0

ग्राम+पो0-हेसला, भाया अरगडा

जिला-रामगढ़, झारखण्ड।

विषयः- ट्रेक्टर (महिन्द्रा ट्रेक्टर) साथ में हैड्रोलिक ट्रॉली और रोटावेटर देने के संबंध में।

महाशय,

उपर्युक्त विषय के संर्दभ में कहना है कि झारखण्ड इस्पात प्रा0 लि0 फैक्ट्री के द्वारा कॉरप्रोरेट इंवारमेंट रिस्पोंस्बीलीटी (सी0ई0आर0) के तहत ग्राम हेसला को प्रबन्धन के द्वारा ट्रेक्टर (महिन्द्रा ट्रेक्टर) साथ में हैड्रोलिक ट्रॉली और रोटावेटर देना है, जिसका ग्राम सभा के द्वारा कमेटी का गठन कर लिया गया है। जो संलग्न किया जा रहा है।

झारखण्ड इस्पात प्रा0 लि0 से अनुरोध है की सर्व समिति से पारित प्रस्ताव के आलोक में ट्रेक्टर (महिन्द्रा ट्रेक्टर) साथ में हैड्रोलिक ट्रॉली और रोटावेटर का रजिस्टेशन श्री बबलु बेदिया, पिता स्व0 गन्दोरी बेदिया, ग्राम+पो0 हेसला के नाम से करा कर ग्रामीण उपयोग हेतु यथाशिघ्र उपलब्ध करने की कृपा करें।

संलग्नक:-

आम सभा की छायाप्रति, चार पृष्टो में।
 बबलू बेदिया का दस्तावेज, पाँच पृष्टों में।

गोपालं मुण्डा वार्ड पार्षद हेसलः, नार्ड संठ-- 12 नगर परिषद्, रामगढ़

01 Page No. Date 16113 26/05/2024 জ্ঞাাদ 5 SIH-सम्कारिक H जसान एव AN 2191 र्शास/ए CH2 SEVIA 31122002 C.E.A D E 35 d 20 2 0 56 9 HEHR ard NG मुण्र 410-12 3 57011 E 9 मरय 9 71246 a a, भुगेश वादमा 7215149 3710106 160143371 मन्त्रम Ba any めくみしの डपरिया में 金玉大日の3 多日子 2695 प्रव, 95/ 38/: रहेर देवे रवेरी-वारी C.F.R Th जीत-कोर Solt HIGH देरेव रेरव एव शसननाल 4 まれて 2 किमभाव ली GZ/3721619 1071 कार SIL EDI も 2. राजिश्देशन Zi Am 4. जारी की 125 नाम 5110 263 PATA KIST & SUITENINI 31 -1121 Beelog nomeltor. ablu Beclia 21) 21 à l'an tagnos. Ann Sale - (Jamadar) वार्ड पार्षद हसल., नाई संब 12 नगर परिषद, रामगढ़ Mithlesh Munda Lelep Bhui xq Mang mandy PITO Cianoture

- Dears A Page No. 02 Dette खरेश कामार खरहा (g) Mahandor Bally 10. Rohin Bedig 11 . Rahy Kyman 12. म्रमोट प्रजापति 3. 14. Shailander bealing 12-12T 32 BOST 15. विनय मुग्र 16 . Kunahmunda Alla de 21971 17. 18. aprilian 19 205-11/2010 2 2211 3121105 à leur 20. Chofe Belia 21. 22. Minnal Kunger 23. OTM202 Stou 2521 6291 24. 25. 9771 2 4/641 26. 34 21 वरिया 23. जोगल बेदिमा 28. उम्म बबेदिया 29. 9, 12221311 मुके शावेष्शा 30. abolis 2117 31. RATIR 32. संतेष वेदिया 33. विनेश्वर बेदिया 34. Bynod Kamu 35. MISHAL Kumen 36. 32 38, 2122 degut 39, Timby Thateas. 40. Gongy Rodig Signature

Page Mail 03 युरेश करिता 41 42 Bharat Bedig 43-Binendry Bally - विणमुः रवेशे वाडी जोत कोर के लिए एक रजित्य पत्री द्वधु किंग जिला अगेट सभी छा क्रमों सरला से जोता कोउ किंग जाला कोट किंग किलाने का किरन केट हल-यंसी उलकी रजिस्ट मेंगरेन किमा जाहगा 2. गाडी की केंरव रेख वार्ड पाखिह, जमादार, २ग सम्पिव का होगा 3. रवेटी बाडी, जोर कोर का मार्केट हर से 70% 70% महाजा जो अंबादान जो रेल, नालक, एव जारी मेन्टेनेश किंग जाएगा। 4. देक्टर रजिस्ट्रेशन व्यन्ति खबल के र्डणा के' नाम से सर्व समिति किशीम किया गमा 5. देक्टर अरल कप से रहेनी वाही की जोगन कार एव सर्वजनिक क्रम में - पलगा 6. देक्टर से जोत को 3 का छोड़ा6ान तेल, चालक का इन के वाह क्या हुआ मेसा रवाता में ररवा जालगा जों आरी मेनरेन्श की कार्य अगिर्गा वामबुड, तीन जामनी के नामस् वयाला जाष्ट्रम मन्द्रत - 3 मेरी की की की यहां की पीन नयों में 1. व्यसादान किना ज्या रेगकरा P.T.D Signature...

Page No. 04 06 कोगी छा मर्गट, 419 8 97171 511 175 5/7 गापाल मुण्ड, ह (अध्मह्य) वार्ड 12 हैसल 4 913 SINIGI अक्तन 2. ATE मित्रावाही 3 3710106 aroni सन्पिव वलेख्य वेदिमा राजा वेदिम 4 5. 9. कमर 71 3118 3 apit 21 81 ad a DIN की अपरोक्त साली सम्पत्य द्वन्यार त्राष् लिए डो छप हिम्। जीएआ 10. . ĩ



Bably Berlin ATO 7491048912

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



आवास : ग्राम + पो0 : मरार, थाना : रामगढ़, जिला : रामगढ़, (झारखण्ड)

> Mob.:- 97981 78956 96612 50484

दिनांक 12 06 2,024

чліт но 26/2024

digi si अमिमान निर्देशक महोदम क्रिर्यण्ड इंस्पान भूगः हु. भाम + पो॰ - हेराला, भामा- अर्रगडा 5101 ×121216 (20122005) विषमः - देवलर (महिन्हा) साब में हेड्रोलिफ द्राली ओर रोगवेस देने के संबंध में। 161212 34 सुबन विषय के संदर्भ में भहना है कि अगरस्वान इस्पान भाग कि भेकरी के दारा कोर भोरे इवार मेंट रिस्पोक्वी टीरी (भीन इं. आत.) के रहत गाम भरार हो भवन्छनां के ज्यारा देवरूर (महिन्मा देवरर) साथ में हेंडोलिक दॉली ओर रोटावेलर देना हैं जिसका आम्र स्ला के जारा भमेरी जा भाषन कर लिया आपा है। जो संलग्न किपा जा रहा है 25122705 54417 भार कि रो अनुरोद्ध हे कि सर्वसमिति से भारित भ्रस्ताव के आलेग्ड में देस्तर (भहिन्द्र) देखर) साथ में हेडोर्गिक दोकी आहे रोगवेर की रिम्देरान की संगय. 2 जायार पिता रहुए जेवर रजायार भारत पर मराय हे नाम से भारत कर भारिता अपयोग हर यापा शिम अपलाबद भरने की क्षेत्रा हरे। 12/6/2424 AND 4075-13:-1. आम सत्रा की हायाप्रति, भाषप्रदारी हिराव शंकर सिम्सा THE DIALE HOUDS, HUR गतिषद (झाएखण्ड) 2. संजाय रजायार का दरनावेजा, यार धरिगे में)

2. Page ND. आज दिनाक 25/05/2024 को मरार पंचायत भवन में ग्रामिण जिस्तानें के सँग काररपण्ड इस्पात भागत. हे तहत किसानों को रेग्री- 9 ही C.E.R के झारा किए रुक देवर रोटा वैरू रुव राजी जोग- फोड के दिया जार देटा में २७ देंड / २ माम समा किया K-1G Tay 5-4-जिसका खेउठ की 4199 सिंहा देखे की अस्महाता वार्ड विषि वेषद्र निमा, अरि रनमानन 91411 रे (09) HZH के जमादार आर्थण क्रमार हारा छिना 973 (03) 5121 9355 ST 491 BUIZZOUS SKOTN & GIRT C.E.R. & NEN 0 देवस्य रवेता - नाही रख जोत कोड़ की निममार्गकी करर की देश्य रेव रुव संचालित करने की 1. नेक्सर 2. 1-14मा9ला जोर कोड़ की दर / अंशदान किया होगा / 3. गाडी का रजिस्तेसन किस डेनाम से किया जार 4. 5 200 3/24211 fera erav mai वाई पार्षद संक-09. मरार लगाव नगर परिषद् (झारवाड) टोढिक में 34 रियत ग्रामिणो 62NIG19 35 Kr ling Harjen 1 3427 3417 9471 2. Barriay Rajwar Ho 214091C 3. 4. 2.0144 50/015 6. JURI BUSI 7.424 3716 8- मलेखरफ़डा

Hay Kumas Roywar. योल र्य्यतार 12. 13. भिनाम रखन्र 14. Fair and 15. मित देवी 16. राजकुभारी रेनी 17. yinch Iduner 18. अलम् रजवार 19. नरेशा 201912 20. 474 3A 21. स्र रजवार 22. मनाज रजमार 23. Jonal Kerman 24. Binod Rajuar 25. 26. मालली हेकी PUER जीता देवा 27. 4a 28. र्मी सरस्वती 29. Arken Son 30. Deepok Karmeli 31. LTI Myn Zurail 32. ाड्रलगाम E 33. LT 1 1 1 34. vijo Zvall 211444 201912 . . . 35.

Fage No.S 3 Date BJ IN AL 20. मालायुवर 37. 38. Vinoal Kunston. né- 6 degit Rici 21m (- 4 Person 39. 40. 41. स्पोरकोक K.may अर्बेने रजनीर रमेरा रजवार 42. 43. 310911517(44. HE FIGH 47 तारा रजवार 46. 47. 125- 1914ml 48. 4710000 01471 48. Sting 2 Raalc 49. 50. Krishna Kapandar. 1 उज्जवत रजवार pengit pushy 52. Rayash Rayavar 53. P 10/2112201912 Mas21 Junary 1 Karan Railour 14.

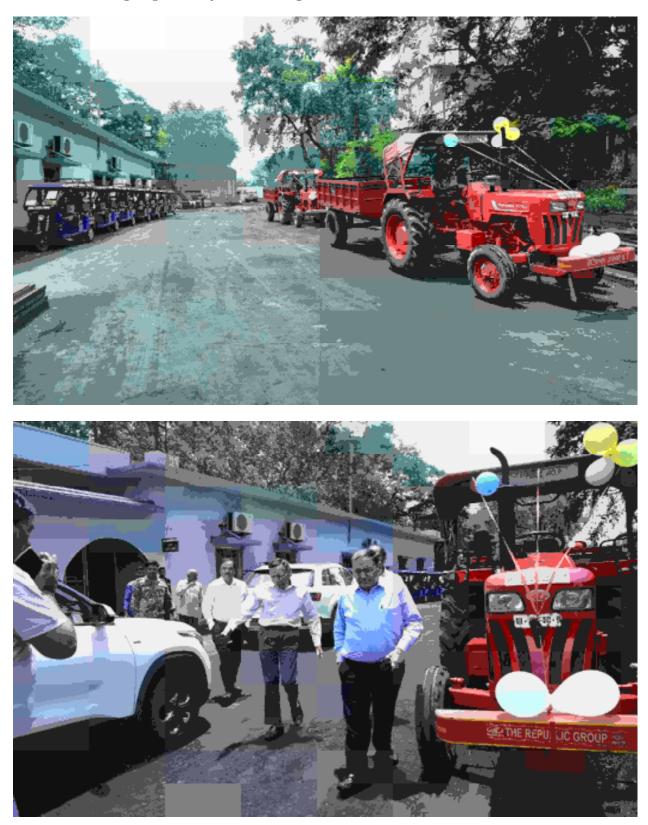
वें उम्र की कार्यवाही स्विसाम्मर्भ से दः (06) लोगों का कमीटी शहन किया गया जो लिम्न है। 1 2192195२ मिल्ला वार्डपार्षद (अच्पस) (I)3-1121- 30+117 -JHIGIY (II)4/514 251917 - 21Fug JIL) 3421 3412 9/941- 6/9/2441 IV) 512 1B217 91941 - 21924 (V JEIZ रजायार - 41924 UTT क मीटी की नाम रनर्वरनम्मती से आम विकारन 2. दामिति २२११ गमा है। गाई। जा देश्वरेर्व वार्ड 4149, जमादार २०१ 3. Lifud BT EDOTT 1 रेष्ता- वारी, जोत-कोर्ड का मार्नेट रेट कार्द 4. राशि नग, होगा, इससे गाडी का डीजल, पालक रेव आही का मेन्ट्रेनेन्स किया जारगा | देकटर का रजिरतेसन सम्पित संज्य रजागरः नाम से सर्वसहम्मती रने कराने फा निर्णय 3. 10141 21411 2921-915T, SILN-9)5 5T FEXITG- (BAIG 229-) 6. लिए रुद रजिस्ते 4517 इरपू फिम्म जारणा 1 म. तेक्टर का जोग- कोड का अंग्रादान तेल, चार्यक की देन के काद जया हआर भेरता तीन आर के नाम रने रुष्ठ वेंड रवाता रवोका जूरारगा 1 जो 9या ध्या प्रमा हे कारा देवरूर भेनेनेन्स का का 3112011

Page No.S 8. "अमिरी की स्तूची हो परिषु १९ में संसर्गेखन हिमा जार सकता है। ्रहाररवण्ड इस्पात प्रावकिः को उपरोक्त आलेषु मे 9. 295 31-22721 47 47 17 51 12011 1 अन्त में अच्छाद्वा झारा वेखक में उपरिन्धत जातमिकों को प्यन्थवाद दिया शया और समा की सामाप्ती की दोषणा कि गई। 3/20214 25/5/202 ATTA TION PART ALLE THE OTHER (MILES)



Samjay Rywar Mob. No - 6200876832

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





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खटटी-मिठी यादे रामगढ़ शहर के कई परिवारों के बीच आज भी ताजा है। नीय बंदवारे को याद करते है तो उनके

संत कोलंबा में गोष्टी का आयोजन

हजारीबाग । संत कोलंबो कॉलेज के मुख्य छात्रावास 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 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 को है।

.भारत का संविधान भारत के लौकिक जगत की योता 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 प्रीफैक्ट विशाल कुमार मिश्र ने किया कार्यक्रम में सचिन जायसवाल हर्ष कुमार शिव कुमार रंजन कुमार अंशु कुमार आदि मौजूद थे।

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।

ग्रामीणों के बीच ट्रैक्टर और ई-रिक्शाकाकियावितरण

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

रामगढ, 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। कॉरफोरेट सामाजिक उत्तरदायित्व के तहन एक सादा समारोह आयोजित कर ग्रामीकों 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 विशिष्ठ अतिथि तिवारी महतो, आनन्द बेदिया, गोपाल मुंडा, शंकर मिश्रा, बिनोद तिवारी, छोटन मुंडा और शनिवारो बारला उपस्थित थे। कार्यक्रम को अध्यक्षता डीकं पांडेय और संचालन

आरसी शमां ने किया। कार्यक्रम में झारखंड इस्पात प्राइवेट लिमिटेड की ओर से प्लांट के आस पास गांव के 10 ग्रामीणों को चिहित कर 2 ब्रामीण को ट्रैक्टर और 8 ग्रामीण को ई रिक्शा दिया गया। मौके पर फैक्टरी ओनर रामचन्द्र संगटा ने कहा कि फैक्टरी प्रबंधन संरसआर के तहत आसपास के ब्रामोच के विकास के लिए हर सम्भव कार्व कर रहा है। इससे पहले कृषि उपकरण का वितरण किया गया। इसके अलावा शिक्षा के क्षेत्र में बेहतर करने वाले सात्र इसत्राओं को पढ़ने की व्यवस्था और म्कॉलरशिप देने की योजना पर काम चल रहा है। मौके पर प्लांट के आज रामचंद्र रूंगदा, मनोज रूंगदा, बमबन आ. मानवेन्द्र चौबे आदि मौजद थे।

एजस्त क वक्ताओं न बतायां कि स्वतंत्रता दिवस जन्मेभ्यत HE. ट्रक्माक्ष इ.श.

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पर पूरे प्रदेश में विचानसमा 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। वरा तीन चार दिन पुराना बताया जा शवको शीत यह हजारीबाग फे जहां तीन दिनों तक शव को के लिए रखा जाएगा। पुलिस ने से अधेड़ व्यक्ति की मौत ह संभावना व्यक्त की है।

रांची, बुधवार, १४ जनस्त २०२४



अंतर्यनाका निरीक्षण करते डीसी-एसपी।

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

सिदो-कान्ह मेदन में 9:05 में होग ध्यात्रजे

स्वतंत्रता दिवस पर सिदो कान्ह में सुबह 9:05 बजे झंडोतोलन ह डीसी कार्यालय,में सुबह 10 बजे, पुलिस अधीक्षक कार्यालय में सुब 10:05 को, डीडीसी कार्यालय में स्वह 10 10 बजे अनुमंडल कार्यालय में प्रात 10 50 बरे अनुमंडल पुलिस प्रदक्षिक र 👘 में सुबह 10 55 बजे पर्व कुलिस ल रामगढ में सुबह 11 10 बजे झंडा फहराया जाएगा। इस दौरान जिला साविक अधिकारी माजूद रहेंगे।



चहारदीवारी और सड़क निर्माण की मिली स्वीकृति

रांची। झारखंड राज्य आवास बोर्ड के निदेशक मंडल की 73वीं बैठक गलवार को हुई। इसमें अहम फैसले लए गए। हजारीबाग की सारले भावासीय कॉलोनी की खाली जमीन र चहारदीवारी निर्माण और पीसीसी ोड निर्माण के लिए क्रमश: 14.72 गख और 10.70 लाख रुपए की शासनिक स्वीकृति दी गई।

कॉलोनी के नवनिर्मित कार्यालय ह निरीक्षण भवन एवं आवासीय र्गेम्प्लेक्स के चहारदीवारी निर्माण के गए 50.07 लाख रुपए की शासनिक स्वीकृति मिली। वहीं, र्लोनी में 16 नवनिर्मित फ्लैटों व न्य संपत्तियों की सुरक्षा के लिए कीदार कक्ष निर्माण के लिए 1.30 लाख रुपए की प्रशासनिक किति दी गई।

जलेमें 5 पुलिस दाधिकारियोंका



एक सुखद अहसास F से जगी नयी आस धिक उम्र में माँ बनना हो रहा है संभव

श्राधुनिक तकनीकों जैसे आईवीएफ द्वारा अब 40 या अधिक उम्र एवं मासिक धर्म बंद होने पर भी डोनर र्विसेज के माध्यम से माँ बनना संभव हो पा रहा है।

निःशुल्क परामर्श 8867731100

मर्श हेतु कौन दम्पति सम्पर्क कर सकते है?

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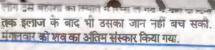
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2190 G.E.L Church Comple

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राजगढ, आरसा रूगटा समह के कंपनी मेसर्स झारखड इस्पात प्राइवेट लिमिटेड ने प्रामीणों के बीच मंगलवार को आठ ई रिक्शा व दो टैक्टरों का वितरण किया, कंपनी के मालिक रामस्वरूप रूंगटा व रामचंद्र रूंगटा ने बताया कि रूंगटा समूह सामाजिक दयित्व 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. मसर, हेसला, फुलसराय व बरकाकाना के बेरोजगार युवकों को ई रिक्शा दी गयी. मंसर व हेसला नगर पंचायत को ट्रैक्टर दिये गये. मौके पर गोपाल मुंडा, शंकर मिश्रा, बिनोद तिवारी, शनियासे भारला, तिवारी महतो, आनंद बेदिया, छोटन मुंडा व डीके पांडेय, प्रकाश झा, आरपी शर्मा, मनोज कुमार मौजूद थे.

सिरका में दुगा पूजा कमेटी की बैठक

लिही (हजारीसान), सिरका दुर्गा पूजा कमेटी बैठक मंगलवार को सिरका में हुई. इसकी अध्यक्षता खान प्रबंधक रमेश कुमार ने की, बैठक में दुर्गा पूजा धूमघाम 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 कमार, कोषाध्यक्ष प्रशांत बेलयरिया, सह कोषाध्यक्ष झाविंबर महतो बनाये गये. संतोष सिंह, नागेश्वर महतो, संजय कुशवाहा, मनोज पाल, केसर महतो, कमरुद्दीन खान, मुस्तफा खान, किजय सिंह, योगेश हजारी को कार्यकारिणी सदस्य के रूप में रखा गया है

बैठक

हुई.



AFFIDAVI Laxmi Kumati, 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 गृहक्लेश, कारोबार, पढाई, शादी बाधा, प्यार, सौतन दुश्मन, किया-कराया. ह्यानलाल मार्केट कांटाटोली चौक. रांची. M-9304004951. 8298188110. C-11591(RNC)

फाइनास / लॉन FINANCE / LOAN

नेशनल मुद्रा पन्नईनेंस (50000 - 3500000) प्रोपर्टी, बिजनेस मार्कशीट, हाउसिंग, दुकानदारी 'समस्त लोन करायें. (2% व्याज) (35% सन्सिडी) Online सुविधा - 9465653569 C-2548(RNC)

जमीन-जायदाद REAL ESTATE Ready to Shift 2 BHK

Semi Furnished Fiat on Main Road Morabadi and Bariatu, Near RIMS is for 1mmedlate Sate, Calt 6206399099 C-13238(RNC)

ड्रीम सिटी रांची राजधानी में बनाएं अपना घर सीएनटी फ्री जमीन राष्ट्र बिजुलिया रेडिएशनब्लु फार्म हाउस बगल में. संपर्क 9122458625 C-RD-1284(RNC)

Ready to Shift 1600sq. ft 3 BHK Deiuxe Fiat in very Promineot Location with Car Parking Near Dorga Mandir, Ratu Road. Ranchi is for Immediate Sale. Call 9431114342

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

द्यूशन TUITION

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

Accountant,

Persoa,

Salary.

Jeweffers.

Complex,

Renchi.

Dynamic

Tower, GEL

C-13327(RNC)

Marketing Professionals

with atleast lyr. of Sales

Experience Join Our Team

ata Leading Building Team

at a Leading Building

Material Firm, Ranchi, Must

Two Wheeler. Attractive

Salary / Incentive apply.

M.-8825309770. Swastika

infra.swastikainfra.co.in@

gmail, www.swastikainfra.

प्राइवेट कंपनी में 100 लड़के /

लड्कियों कि आवश्यकता है

वेतन 8,000 - 25,000/-. संपर्क

करें : Near ITI Bus Stand,

रांची में ऑफिस डंचार्ज / स्टाफ

ग्रेजुएट की शीघ्र आवश्यकता है.

उम्र 18 - 28 वर्ष. आय : 10500

- 1 8000 प्रतिमाह + मुफ्तावास.

Laipur Ranchi के लिए Driver,

Guard और Housekeeping

को आवश्यकता है. संपर्क करें

संपर्क करें : 8407093163.

मैट्रिक, इंटरमीडिएट,

राँची, M.-9608674317.

C-13055(RNC)

C-13210(RNC)

C-11594(RNC)

co.ia

हेतु

Required

Receptionist

Handsome

Abhushan

Makhija

Chorch

Main Road,

M-9430300275.

Requirements

Cashier.

Sales

15500.3 M- 9470 रांची सि एजेंसी में Graduate

JPSS!

प्रगतिर्श

संगठन

URGUE

पर अध्य

आमंत्रित

त्यवित

703383

Asis -

18000.

हाँस्पीटल

22000.

डाइतर र जो मैनुअ गियर गा हो आवा संपर्क क

मार्केटिंग 50,000/-Stinend टाइम, फु का स्वनन 776690.

24x7 S म Chaiba और 5 चाहिए. द्रारखंड 517 Matric. 2vr 736006

24x7sec

П REQ Supe Sale For Ran WALK 14/15

> Con gm.sale Add : 9P



		IA	X INVOIC	F				-				
			Invoice No.	0000				Dated :				
	REPUBLIC PRIVATE LIMITED sed Dealers :MAHINDRA & MAHINDRA LTD. * (FES)		RPL/INV/25 Challan No.	0089)			16/05/202				
	IBAGH ROAD (NH 33) BOOTY, RANCHI *		CH/250102					Mode/Terms of Payment				
	ffice: Atmaram Bhawan, Radhey Shyam Lane, Main Road, I	Ranchi 83400						Other Refere	nce			
	20AACCT0051D2Z9 CIN NO. U22212JH1958PTC00061	5										
Зuyer Го, M/S J	HARKHAND ISPAT PRIVATE LIMITED.											
/C												
t. :H	ESLA ARGADA Post :HESLA		Under H.P.A.:	CASH,	/NOT H	ELD						
PS. :R	AMGARH Dist :RAMGARH											
STN	- 20AABCR2993R1ZX											
PAN -	AABCR2993R AADHAR -					007		0007				
ir. No.	Particular / Description AGRICULTURE TROLLY SELF UNLODING HYDRAULIC 4 TON CAPACITY TWO WHEELER 10* 6* 1.5 SIZE FITTED WITH RIMS. Chassis No. RPLH879	HSN/SAC	Taxable Value	Qty.	Rate	CGST Amt	Rate	SGST Amt	Amount			
1		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 Supervator1.80 Sl. No. :- S180GMVP1L00210	843280	119200.00	1	6%	7152.00	6%	7152.00	133504.00			
	TOTAL		256100.00			17334.00		17334.00	290768.00			
			Ri	upees	Two Lakh	Ninety Thous	and Seve	n Hundred Six	ty Eight Only			
								S@1%	0.00			
			F	Runee	s Two Lak	h Ninety Thou		nd Total en Hundred Si	290768.00			
		HSN/SAC	Taxable Val			tral Tax		ate Tax	S LIGHT OIL			
		HSIN/SAC			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				
			05/400.0	<u> </u>		17004.00		17004.00				
		Total	256100.0	J	Du	17334.00		17334.00	tu diluin			
OMF	ANY PAN : AACCT0051D, BANK A/C: 106010300	0001410, I	FSC: UTIB000	0106	Rupees T	hirty Four Th	ousand Si	x Hundred Six	ty Eight Only E & O.E			
eclarat							FOR T	HE REPUBLIC PI				
	lare that this invoice show the actual price of the goods deso particulers are tru and correct	cribed and						Auth	orised Signator			

		TA	X INVOIC	E					
T 1			Invoice No.					Dated :	
	REPUBLIC PRIVATE LIMITED sed Dealers :MAHINDRA & MAHINDRA LTD. * (FES)		RPL/INV/25	60090)			16/05/202	
	IBAGH ROAD (NH 33) BOOTY,RANCHI *		Challan No. CH/250103					Mode/Terms	or Payment
Reg. O GSTN 2	ffice: Atmaram Bhawan, Radhey Shyam Lane, Main Roa 20AACCT0051D2Z9 CIN NO. U22212JH1958PTC000							Other Refere	ence
Buyer -									
To,									
	HARKHAND ISPAT PRIVATE LIMITED								
I/C	ESLA ARGADA Post :HESLA		Under H.P.A.:	CASH,	/ N O T H	IELD			
	AMGARH Dist :RAMGARH								
	- 20AABCR2993R1ZX								
	AABCR2993R AADHAR -								
Sr. No.	Particular / Description	HSN/SAC	Taxable Value	Qty.		CGST		SGST	Amount
	MAHINDRA 475 DI NBP LT (TR475NBPLCOWLT3A) HP CATEGORY:42 CYLINDER:4				Rate	Amt	Rate	Amt	
1	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	нітсн	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
				DOOG F	ight Lokh		boucond	Four Hundred	
			itu)	Jees L		Thinty Light 1		S @1%	0.00
							Gra	nd Total	838414.00
			Ri	ipees					d Forteen Only
		HSN/SAC	Taxable Va	ue	Rate %	tral Tax Amount	Rate %	ate Tax Amount	
		870192	737100.00)	6	44226.00	6	44226.00	
		870810	10900.00		9	981.00	9	981.00	
		Total	748000.0	0		45207.00		45207.00	
		rotar	740000.0	0	Ru		housand	Four Hundred	Forteen Only
COMF	ANY PAN : AACCT0051D, BANK A/C: 106010	300001410, I	FSC: UTIBOOC	0106				2.*	H-280E
	lare that this invoice show the actual price of the goods	described and					FOR	THE REPUBLIC P	RIVATE LIMITEE
ine all j	particulers are tru and correct							Aut	orised Signator

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		TA	X INVOIC	E							
			Invoice No.					Dated :			
	REPUBLIC PRIVATE LIMITED		RPL/INV/25	009	1			16/05/2024 Mode/Terms of Payment			
	ised Dealers :MAHINDRA & MAHINDRA LTD. * (FES) IBAGH ROAD (NH 33) BOOTY,RANCHI *		Challan No. CH/250104					Mode/Terms of Payment			
	ffice: Atmaram Bhawan, Radhey Shyam Lane, Main Road, I	Ranchi 83400						Other Reference			
	20AACCT0051D2Z9 CIN NO. U22212JH1958PTC000615										
To,											
M/S J	HARKHAND ISPAT PRIVATE LIMITED										
I/C					(N 0 T)						
At. :H	ESLA ARGADA Post :HESLA		Under H.P.A.:	CASH	/NOT H	ELD					
PS. :R	AMGARH Dist :RAMGARH										
	- 20AABCR2993R1ZX										
	AABCR2993R AADHAR -					CGST	c	GST			
Sr. No.	•	HSN/SAC	Taxable Value	Qty.	Rate	Amt	Rate	Amt	Amount		
	AGRICULTURE TROLLY SELF UNLODING HYDRAULIC 4 TON CAPACITY TWO WHEELER 10* 6* 1.5 SIZE FITTED WITH RIMS. Chassis No. RPLH880										
1		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 Supervator1.80 SI. No. :- S180GMVP1H00042	843280	119200.00	1	6%	7152.00	6%	7152.00	133504.00		
	TOTAL		256100.00			17334.00		17334.00	290768.00		
			R	lpees	Two Lakh	Ninety Thous		n Hundred Six			
								S @1% nd Total	0.00 290768.00		
			F	Rupee	es Two Lak	h Ninety Thou			xty Eight Only		
		HSN/SAC	Taxable Va		Cen	tral Tax	Sta	te Tax			
					Rate %	Amount	Rate %	Amount			
		871610	112300.00		6	6738.00	6	6738.00			
		401192 843280	24600.00 119200.00		14 6	3444.00 7152.00	14 6	3444.00 7152.00			
		T-+ -	25/100.0	0		17004.00		17004.00			
		Total	256100.0	U	Du	17334.00		17334.00			
COMF	PANY PAN : AACCT0051D, BANK A/C: 106010300)001410, I	FSC: UTIBOOC	0106		nirty Four Th	ousand Si	x Hundred Six	ty Eight Only E & O.E.		
Declarat	ion lare that this invoice show the actual price of the goods desc	cribed and					FORT	HE REPUBLIC P	RTVATE LIMITED		
	particulers are tru and correct							Auto	orised Signatory		
									Inder		

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

	Debit Note / In	voice	
Ref. No.:	RPL/DN/250088	Dated:	16/May/2024
Party's Name:	M/S JHARKHAND ISPAT	PRIVATE LIMITED	
	I/C		
	At. :HESLA ARGADA Pos		
	PS. :RAMGARH Dist :RA	MGARH	
	GSTN - 20AABCR2993R	1ZX	
State Name :	Jharkhand, Code : 20		
Place of Supply :	Jharkhand		
	Particulars		Debit
Regisration of Tract	or - MBNABAJAKRRL11222 & M	BNABAJAKRRA11373	84,904.00
Insurance of Tracto	r - MBNABAJAKRRL11222 & MB	NABAJAKRRA11373	26,776.00
	Total >>		111,680.00
On Account of : REG. 8			111,000,000
Amount (in words) :			
	however all Circulate during the state		
INK ONE LAKH Eleven II	housand Six Hundred Eighty onl	У	

Company's PAN :

AACCT0051D



		TA	X INVOIC	E					
тыг			Invoice No. RPL/INV/25	0000				Dated :	
	REPUBLIC PRIVATE LIMITED ised Dealers :MAHINDRA & MAHINDRA LTD. * (FES)		Challan No.	0088	3			16/05/202 Mode/Terms	
	IBAGH ROAD (NH 33) BOOTY,RANCHI *		CH/250101						5
	ffice: Atmaram Bhawan, Radhey Shyam Lane, Main Roa 20AACCT0051D2Z9 CIN NO. U22212JH1958PTC000		Supplier's Ref.					Other Refere	nce
To, M/S J I/C At. :H PS. :R	HARKHAND ISPAT PRIVATE LIMITED ESLA ARGADA Post :HESLA AMGARH Dist :RAMGARH - 20AABCR2993R1ZX		Under H.P.A.:	CASH	/NOT H	ELD			
PAN -	AABCR2993R AADHAR -				,	007		007	
Sr. No.	Particular / Description MAHINDRA 475 DI NBP LT (TR475NBPLCOWLT3A) HP CATEGORY:42 CYLINDER:4	HSN/SAC	Taxable Value	Qty.	Rate	CGST Amt	Rate	GGST Amt	Amount
1	Engine No. RRL2KBA0308 Chassis No. MBNABAJAKRRL11222	870192	737100.00	1	6%	44226.00	6%	44226.00	825552.00
2	ноор	870810	3000.00	1	9%	270.00	9%	270.00	3540.00
3	нітсн	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	020414.00
	TOTAL		748000.00	DOOD F	ight Lakh		bousand [45207.00	838414.00 Forteen Only
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			Di	10005	Fight Lakk	Thirty Fight		nd Total	838414.00 d Forteen Only
		HSN/SAC	Taxable Va			tral Tax	Sta	te Tax	
		-			Rate %	Amount	Rate %	Amount	
		870192 870810	737100.00		6 9	44226.00 981.00	6 9	44226.00 981.00	
		Total	748000.0	0		45207.00		45207.00	
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		JUUU I 4 IU, I			,			Ris	L
	ion Iare that this invoice show the actual price of the goods o particulers are tru and correct	described and					FORT	A.	RIVATE LIMITED
			<u> </u>					8	d

Annexure - 5 JHARKHAND ISPAT PRIVATE LIMITED

ole

ADMN. OFFICE

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



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

Date.....

दिनांक:- 12.03.2024

Ref.	No	

JIPL/2023-24

सेवा में,

वार्ड पार्षद 📣 ।२,१ँ३,१५ ग्राम अरगडा जिला–रामगढ़, झारखण्ड।

विषयः— गाँव अरगडा के गरीबी रेखा से नीचे आने वाले लोंगों के लिए दो ई—रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने के संबंध में।

संदर्भः— पर्यावरणीय सहमति पत्र सं0– F.No.-J11011/41/2013-1A-(1) दिनांक—07.09.2022 महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा0 लि0 द्वारा गाँव अरगडा के गरीबी रेखा से नीचे आने वाले दो लोंगों 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 लमार्थियों की सूचि उपलब्ध कराये। जिसका आधार कार्ड एवं ड्रविंग लाई सेस एवं बी0पी0एल0 कार्ड की छायाप्रति उपलब्ध कराए। जिससे प्रबंधन उचित निर्णय लेते हुए ई–रिक्सा की खरीदी की व्यवस्था सुनिश्चित कर सके और बी0पी0एल0 परिवारों का हित लाम हो सके।

संघन्यवाद प्रतिलिपिः--कृते झारखंड इस्पात प्रा0 लि0 01.अध्यक्ष नगर पा रामगढ (झा०)। आवश्यक कार्यवाही हेतु प्रेशित। (मनोज कुमार) अधिकृत हस्ताक्षरकर्ता रेकार्ट्स छेटा। संगीला देवी याई पार्वेय Joba/Mildiks WENS THE WEAR ITH TO TY TOU 1 DALL TRUE ORTHONY 13/03/24

ADMN. OFFICE

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



WORKS :

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

Ref. No

Telephone

CIN

JIPL/2023-24

सेवा में.

वार्ड पार्षद ग्राम मरार जिला–रामगढ़, झारखण्ड i Date.....

दिनांकः – 12.01.2024

विषयः– गाँव मरार के गरीबी रेखा से नीचे आने वाले लोंगों के लिए चार ई–रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने के संबंध में। संदर्भः– पर्यावरणीय सहमति पत्र सं0– F.No.-J11011/41/2013-IA-(1) दिनांक–07.09.2022

Ole

महाशय,

उपर्युक्त के संबंध में सूचित करना है कि झारखंड इस्पात प्रा0 लि0 द्वारा गाँव मरार के गरीबी रेखा से नीचे आने वाले चार लोंगों 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 गरिबी रेखा से नीचे के लभार्थियों की सूचि उपलब्ध कराये। जिसका आधार कार्ड एवं ड्रविंग लाईसेंस एवं बी0पी0एल0 कार्ड की छायाप्रति उपलब्ध कराए। जिससे प्रबंधन उचित निर्णय लेते हुए ई–रिक्सा की खरीदी की व्यवस्था सूनिश्चित कर सके और बी0पी0एल परिवारों का हित लाभ हो सके।

सधन्यवाद,

प्रतिलिपिः–

01. अध्यक्ष नगर परिषद् रामगढ़ (झा0)। आवश्यक कार्यवाही हेतु प्रेषित।

कृते झारखंड इस्पात प्रा०लि०

(मनोज कुमार) अधिकृत हस्ताक्षरकर्ता

21 2) 21 0) 1011 201255

OIC

ADMN. OFFICE

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



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

Date.....

दिनांक:- 12.03.2024

Ref. No

JIPL/2023-24

सेवा में,

वार्ड पार्षद ग्राम फुलसराय जिला–रामगढ़, झारखण्ड।

विषयः— गाँव फुलसराय के गरीबी रेखा से नीचे आने वाले लोंगों के लिए दो ई—रिक्सा (चार सीटर एवं चारजर के साथ) के वितरण करने के संबंध में।

संदर्मः— 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 गाँव फुलसराय के गरीबी रेखा से नीचे आने वाले दो लोंगों 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 लमार्थियों की सूचि उपलब्ध कराये। जिसका आधार कार्ड एवं ड्रविंग लाईसेंस एवं बी0पी0एल0 कार्ड की छायाप्रति उपलब्ध कराए। जिससे प्रबंधन उचित निर्णय लेते हुए ई-रिक्सा की खरीदी की व्यवस्था सुनिश्चित कर सके और बी0पी0एल9 परिवारों का हित लाम हो सके।

संघन्यवाद,

प्रतिलिपिः—

01.अध्यक्ष नगर परिशद् रामगढ़ (झा0)। आवश्यक कार्यवाही हेतु प्रेशित।

संव-10. फुलसराय परिषद रामगत, जिल

कृते झारखंड इस्पात प्रा0 लि0

(मनोज कुमार) अधिकृत हस्ताक्षरकर्ता





Tax Invoice MAC/24-25/0013

MAC AU 121 A 1 FARIDAE Faridab India - 1 Contact Email: a Contact	Ce From JTO INDIA PVT LTD 21 B GURUKUL INDUSTRIAL AREA BAD HARYANA, ad (Haryana- 6) 21010 Person: nitesh saini accounts.receivable@macauto.in No: 9559158384 06AANCM5780F1Z6	Invoice To M/S JHARKHAND ISP HESLA, ARGADA, ARG/ Hazaribag (Jharkhanc India - 829101 Email: kaushik.dwari Contact No: 8339045 GSTIN: 20AABCR2993 Place of Supply: Haza	ADA, Ramgar I) @outlook.co 661 R1ZX	m	Shipped M/S JHARH HESLA, ARG Hazaribag India - 829 GSTIN : 20			
		Invo	oice Details	;				
Invoice Nu PO Date OC Numbe	18/03/2024		Invoic OC Da	e Date ite	18/04/202			
Payment [
#	Description	HSN/SAC Code	Quantity	Rate	Taxable Amo	unt Rate	IGST Amount	Total
Motor Ma Motor PC Battery P Battery P E Cart Vo Front Typ With Lug With Fog With Step With Step With Step With Cha COLOR:-E CHASSIS I M71MAM M71MAM M71MAM M71MAM	RM1093 MS BODY(POWDER COATING) ake:- Autolek wwer 1000 Watt ype:- Lead Acid fake:- Exide ower:- 130 A.H Itage:- 48 Volt ue:- Windshield er Motor gage Carrier g Light yoony & Jack rger 2 Year Warranty & With Battery 1 Year Warranty BLUE	870390	8.00 Nos	₹95,238.10	₹7,61,904	.80 5%	₹38,095.24	₹8,00,000.04
2 Transp	ort Charges				₹80,000	.00 0%	₹0.00	₹80,000.00
Invoice Amou IGST	Int Eight Lakh, Eighty Thousand Rupees a Thirty-Eight Thousand, Ninety-Five Ru		Paise Only		Total (before	e Tax) :		₹8,41,904.80
					CGST	SGST	IGST	Cess
					₹0.00	₹0.00	₹38,095.24	4 ₹0.00
					Tota Grand Advance Amount Pa	e Paid :		₹38,095.24 ₹8,80,000.00 ₹8,80,000.00 ₹0.00

For MAC AUTO INDIA PVT LTD





Tax Invoice MAC/24-25/0013

Comments:

MOTOR NO:- 1027,1025,1026,1028,1175,1174,1173,1176 CONTROLLER NO:- 1070,1064,1067,1062,1387,1065,1384,1382 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

4-157

RIRAM

D ... REST ABBURED

CIN NO.U66010RJ2006PLC029979

SHRIRAM GENERAL INSURANCE COMPANY LIMITED

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



CERTIFICATE CUM POLICY SCHEOULE

PCCV-3 wheelers-carrying pessengers-capacity NOT > 6 - Zone B MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -UIN No.JRDAN137RP0018V01200808 - SAC Code: 997134

Branch Address		Haryał	29, Sector 1a,-GURGA AON, HARY	ON (H	t floor Gurgaon R.)- 122002, 122002	Branch Office Ph	ione No.	7412079	7412079612 & 7412079613					
Geographical An	88	INDIA				Policy No.	-	102015	/31/25/0	01696				
Insured's Code/	Name	IN-33 PVT. L		M/S	HARKHAND ISPAT	GSTIN No. Of Ins	siu reid		2993R1ZX					
Insured Address		HESLA	ADA ARIBAG, J		IADA, RAMGARH, JH HAND	ARKHAND, 82910	1				1			
Insured State Co	de	20				NCB Discount (%	-1	10						
Executive		HIMAN	SHU - NAN	100000	1404	Period of Insura		From 16	:59 Hrs of	25/04	/2024 To			
Agent Detalis		LCN00 Toll/Ph	IN INSURA	Mobile	ROKERS PVT. LTD No9330167449-	10	-	- Mionign	t of 24/04	/2025				
PAN No.	_	N.A									_			
Prop No TR No		N.A - N	I.A			Prop Issue Date		N.A						
Gross Premium		5323				IGST		958						
COST	100	0				SGST/UTGST	0							
Previous Insurer		N.A.		_		Total		6281						
Previous Policy N	io.	N.A				Nominee for Owner/Driver	N.A							
Nominee Age		N.A				Nominee Relation	nshio	N.A.		-				
Appointee Name		N.A					Intee Relationship							
REGISTRATION MARK & PLACE	ENGIN	E NO. &	CHASSIS	NO.	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBIC CAPACITY / DATE (WATT/YEAR OF REGN, MANF. DELIV			1	SEAT CAP. (INCL.			
NEW & PARIDABAD (COMMERCIAL VEHICLES ONLY	DABAD IMERCIAL MAC					ERICKSHAW / Electric		00.00 / 2024 25/04/202			DRIVER) 4 + 1			
	Bat	tery Nu	mber	5884	1,38659,90553,92433	Motor Number	- 11	173	_	1	1			
IDV FOR THE	ID	FOR TH	RAILER	NON	ELECTRICAL SSORIES	ELECTRICAL ACCESSORIES	NG/LPG k	ţSI	TOTA	LVALUE				
77000.00	0	0 0			0	77000.00								
From Date & Time	Own 25/04/2		Policy P		10.10.10000 00 FA		bility Polic							
Tom Date & Time	16:59 H		To Date	ek sinne	Hrs of Midnight		25/04/2 16:59 H		Date & Tin		\$/04/2025 23:59 rs of Midnight			
-	-	A. OWN	DAMAGE	-	SCHEDULE	OF PREMIUM	_	B 1 74 091						
OD TOTAL					786.00	BASIC TP COVER		B. LIABIL	114		4407.0			
TOTAL PREMIUM					5323.00	ADD :Legal Liability	Coverage	s For Paid D	river		4487.0			
ADD : IGST 18.00 PREMIUM AMOUN					958.00 6281.00	TP TOTAL					4537.00			
ADD-ONS:- ROAD SH CPA Policy number: , C Deductibles under Se	PA Sum In sction-I : memont P	Sonit, G ANCE(IRD) sured: 0.0 Compulsor rinted he h:	eographical AN137RP001 O, CPA Com	pany Na	ng/Discounts viz (Automi nported Vehicle etc. when X0809/A0002V01202021) I Imme: H.A., CPA Valid From), Theft Excess Rs.25000 IMT-23, IMT-40, IMT-21	ever applicable). n: N.A., CPA Valid To: N.		, Anti-Theft, H	landicap Pers					
Under Section II-1(I) Under Section II-1(II) P.A. Cover under Sect	In respect Ion III for (2 Dented)	Owner - D	e daim or se river (CSI) :	ries of a Rs. 0	otor Vehicles Act, 1988. Iaims arising out of one e Acratched Part : N.A , Clair									
			es :											
PLACE : GURGAO	N		1					For and on I	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-meil for the same on dnd@shriremgl.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.

All the Amounts mentioned in this policy are in Indian Rupees GSTIN No. 06AAKCS2509X127

-West General Insurance Co.Ltd.

an

Authorized Signatory Page 1 of 2

REGN. NO. - 137

CIN NO.U66010RJ2006PLC029979

SHRIRAM GEHERAL IHSURAHCE COMPAHY 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) -UNN No.IRDAN137RP0018V01200809 - SAC Code: 997134

PVT. LTD. HESLA, ÅRGADA , ÅRGADA , HAZARIBAG, J - 829101 20 HIMANSHU - NAN SAVEFIN INSURA	M/S JI A, ARG/ HARKH NO00001 NCE BR Mobile N	HARKHAND ISPAT ADA, RAMGARH, JH. IAND	Policy No. GSTIN No. Of Ins ARKHAND, 829101 NCB Discount (% Period of Insurar Period of Insurar Prop Issue Date IGST	1	20AABC 0 From 1	/31/25/0 R2993R12) 7:07 Hrs o ht Of 24/0	f 25/04	1/2024 To
PVT. LTD. HESLA, ÅRGADA, , ARGADA, , HAZARIBAG, J. - 829101 20 HIMANSHU - NAR SAVEFIN INSURA LCN000000070- Toll/Phone No.N. N.A N.A N.A N.A. N.A. N.A. N.A.	A, ARGA	ADA, RAMGARH, JH	GSTIN No. Of Ins ARKHAND, 829101 NCB Discount (% Period of Insurar Prop Issue Date	1	0 From 1 Midnigi	7:07 Hrs o	f 25/04	
HESLA, ARGADA , ARGADA , HAZARIBAG, J - 829101 20 HIMANSHU - NAN SAVEFIN INSURA LCN00000070- Toll/Phone No.N. N.A N.A - N.A 5323 0 N.A. N.A	NO00001	AND	NCB Discount (% Period of Insurar Prop Issue Date)	From 1 Midnig			
20 HIMANSHU - NAT SAVEFIN INSURA LCN000000070- Toll/Phone No.N. N.A N.A - N.A 5323 0 N.A. N.A	NCE BR Mobile N	OKERS PVT. LTD	Period of Insurar	and the second sec	From 1 Midnig			
SAVEFIN INSURA LCN00000070- Toll/Phone No.N. N.A N.A - N.A 5323 0 N.A. N.A. N.A.	NCE BR Mobile N	OKERS PVT. LTD	Period of Insurar	and the second sec	Midnigi			
LCN000000070- Toll/Phone No.N. N.A N.A - N.A 5323 0 N.A. N.A	Mobile N							
N.A - N.A 5323 0 N.A. N.A				-	MA			_
5323 0 N.A. N.A					I M A			
0 N.A. N.A			IGST				_	
N.A. N.A				10	958			
N.A			SGST/UTGST		0			
			Total		6281			
N.A.			Nominee for Owner/Driver		N.A			
			Nominee Relation	ship	N.A			
N.A			Appointee Relatio		N.A			
GINE NO. & CHASSE	S NO.	MAKE - MODEL	TYPE OF BODY /	CUBIC		REGN	.1	SEAT CAP. (INCL. DRIVER)
		MAC 900	Electric			25/04	/2024	4 + 1
						1.14 .67	TOTA	
IDV FOR TRAILER			ACCESSORIES		CNG/LPG	KIE SI	IUIA	LYALUE
0	0		0				77000	.00
		1						
	& Time		From Date & Time			o Date & I		4/04/2025 23:5 Irs of Midnight
			OF PREMIUM	1-				
A. OWN DAMAGE	1		State of the second	2	6. LIAB	ILITY		and and
								4487.0
				Coverag	es For Paid	Driver		50.0
	_							4537.0
NG/LPG Unit, Geographica SSISTANCE(IRDAN137RPO um Insured: 0.00, CPA Cou n-I : Compuisory Deductit tent Printed herein/atta it with: spect of any one accident: spect of any one accident: spect of any one accident: If for Owner - Driver (CSI)	I Extn, In D18V0120 mpany Na ke Rs.500 ched to : as per Ma series of i) : Rs.0	ng/Discounts viz (Autom nported Vehicle etc. when 00809/A0002V01202021) ame: N.A., CPA Vaild From 3, Theft Excess Rs.25000 : IMT-23, IMT-40, IMT-23 otor Vehicles Act, 1988. claims arising out of one	obile Association, Volum rever applicable).) m: N.A., CPA Valid To: N) L. event is Rs. 750000	.А.	s, Anti-Theft	, Handicap Pe	erson, Di	ADF D
	Battery Number IDV FOR TRAILER 0 Dwn Damage Policy F 0 04/2024 To Date 07 Hrs A. OWN DAMAGE MG/LPG Unit, Geographica SISTANCE(IRDAN 137RPO) um Insured: 0.00, CPA Con- n-I : Compuisory Deductile tent Printed herein/atta- tk with: reement with: spect of any one accident: spect of any one daim or i If for Owner - Driver (CSI)	IDV FOR TRAILER NON ACCE 0 0 Own Damage Policy Period 0 O4/2024 To Date & Time 07 Hrs To Date & Time A. OWN DAMAGE A. OWN DAMAGE Mission Company Mission NG/LPG Unit, Geographical Extr., In SSISTANCE(IRDAN137RP0018V0120) Mission um Insured: 0.00, CPA Company Ni n-1 : Compuisory Deductible Rs.500 ent Printed herein/attached to a set with: regenent with: Spect of any one accident: as per Mission of any one claim or series of II for Owner - Driver (CSI) : Rs. 0 Spect of any one accident: as per Mission of any one claim or series of II for Owner - Driver (CSI) : Rs. 0 Spect of any one accident: as per Mission Part : N.A, Broken Part : N.A, Specken Part : N.A, Specke	MAC 900 Battery Number 38957,38661,38841,37967 IDV FOR TRAILER NON ELECTRICAL ACCESSORIES 0 0 0 Dwn Damage Policy Period 24/04/2025 23:59 0/2024 To Date & Time 24/04/2025 23:59 Hrs of Midnight SCHEDULE 0 3523.00 958.00 6281.00 MS inclusive of ali applicable Loading/Discounts viz (Autom NG/LPG Unit, Geographical Extn, Imported Vehicle etc. where SISISTANCE(IRDAN137RP0018V01200809/A0002V012020211) um Insured: 0.00, CPA Company Name: N.A., CPA Vaild From n-1 : Compuisory Deductible Rs.500, Theft Excess Rs.25000 (entert Printed herein/attached to : IMT-23, IMT-40, IMT-21 (k with): regment with: Spect of any one accident: as per Motor Vehicles Act, 1988. spect of any one claim or series of claims arising out of one II for Owner - Driver (CSI) : Rs.0 Inted Part : N.A, Scratched Part : N.A, Clai	76 & M71MAMND24D000220 MAC AUTO INDIA - MAC 900 ERICKSHAW / Electric Battery Number 38957,38661,38841,37967 Motor Number IDV FOR TRAILER NON ELECTRICAL ACCESSORIES ELECTRICAL ACCESSORIES 0 0 0 Own Damage Policy Period 0 0 Odr/2024 To Date & Time 24/04/2025 23:59 From Date & Time 0/7 Hrs SCHEDULE OF PREMIUM A A. OWN DAMAGE 786.00 BASIC TP COVER 5323.00 ADD :Legal Liability 958.00 98.00 TP TOTAL 6281.00 m is inclusive of ali applicable Loading/Discounts viz (Automobile Association, Volunt SistraNCE(IRDAN137RP0018V01200809/A0002V01202021) um Insured: 0.00, CPA Company Name: N.A., CPA Vaild From: N.A., CPA Vaild To: N N n-1 : Compuisory Deductible Rs.500 , Theft Excess Rs.25000 Imment Printed herein/attached to : IMT-23, IMT-40, IMT-21. H with: ************************************	76 & M71MAMND24D000220 MAC AUTO INDIA - MAC 900 ERICKSHAW / Electric I / 900 Battery Humber 38957,38661,38841,37967 Motor Number I / 900 IDV FOR TRAILER NON ELECTRICAL ACCESSORIES ELECTRICAL ACCESSORIES Image Policy Period Own Damage Policy Period 0 0 Image Policy Period Image Policy Period O/2024 To Date & Time 24/04/2025 23:59 From Date & Time 25/04/ 17:07 from Date & Time O/207 Hrs To Date & Time 24/04/2025 23:59 From Date & Time 25/04/ 17:07 from Date & Time A. OWN DAMAGE SCHEDULE OF PREMIUM A OVER 53323.00 ADD :Legal Liability Coverage 958.00 TP TOTAL 6281.00 Image Policy Developeration of the stociation, Voluntary Excesting/DGUG UN02V012002V01202021) um Insured: 0.00, CPA Company Name: N.A., CPA Vaid From: N.A., CPA Vaid To: N.A. n-1 : Compuisory Deductible Rs.500, Theft Excess Rs.25000 Image Policy Deductible Rs.500, Theft Excess Rs.25000 Image Policy Deductible Rs.500, Theft Excess Rs.25000 Image Policy Deductible Rs.500, Theft Excess Rs.25000 Image Policy	MAN MAR 76 & M71MAMND24D000220 MAC AUTO INDIA - MAC 900 ERICKSHAW / Electric 1 / 900.00 / 2024 Battery Number 38957,38661,38841,37967 Motor Number 1176 IDV FOR TRAILER NON ELECTRICAL ACCESSORIES ELECTRICAL ACCESSORIES CNG/LPG 0 0 0 0 0 Own Damage Policy Period Liability Pol 0 0 0/24/2024 To Date & Time 24/04/2025 23:59 From Date & Time 25/04/2024 1 0/24/2024 To Date & Time 24/04/2025 23:59 From Date & Time 25/04/2024 1 0/24/2024 To Date & Time 24/04/2025 23:59 From Date & Time 25/04/2024 1 0/24/2024 To Date & Time 24/04/2025 23:59 From Date & Time 25/04/2024 1 0/24/2024 To Date & Time 24/04/2025 23:50 From Date & Time 25/04/2024 1 0/24/2024 To Date & Time 24/04/2025 23:50 From Date & Time 25/04/2024 1 0/24/2024 To Date & Time 24/04/2025 23:50 From Date & Time 25/04/2024 1 1 : southi	Mark Mark Delity 76 & M71MAMND24D000220 MAC AUTO INDIA - MAC 900 ERICKSHAW / Electric 1 / 900.00 / 2024 25/04 Battery Number 38957,38661,38841,37967 Motor Number 1176 IDV FOR TRAILER NON ELECTRICAL ACCESSORIES ELECTRICAL ACCESSORIES CNG/LPG kit SI ACCESSORIES 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 17:07.Hrs 17:07.Hrs	Maximum Maximum Delivery 76 & M71MAMND24D000220 MAC AUTO INDIA - MAC 900 ERICKSHAW / Electric 1 / 900.00 / 2024 25/04/2024 Battery Number 38957,38661,38841,37967 Motor Number 1176 IDV FOR TRAILER NON ELECTRICAL ACCESSORIES ELECTRICAL ACCESSORIES CNG/LPG kit SI TOTA 0 0 0 0 77000 Own Damage Policy Period Liability Policy Period 77000 Ovn Damage Policy Period Liability Policy Period 77000 O/2024 To Date & Time 24/04/2025 23:59 From Date & Time 25/04/2024 To Date & Time 76 MAC 900 BASIC TP COVER 523.3.00 ADD :Legal Liability Coverages For Paid Driver 958.00 786.00 SCHEDULE OF PREMIUM 6281.00 8. LIABILITY 76.281.00 6281.00 mis inclusive of ali applicable Loading/Discounts viz (Automobile Association, Voluntary Excess, Anti-Theft, Handicap Person, BSISTANCE(IRDAN137RP0018V01200809/A0002V01202021) 100 um Insured: 0.00, CPA Company Name: N.A., CPA Vaid From: N.A., CPA Vaid To: N.A. 1 1 mith: respect of any one accident: as per Motor Vehicles Act, 1988. 100 100 sepect of any one accident: as per Motor Vehicles Act, 1988. 100 100 sepect of any one accident: as per Motor

PLACE : GURGAON

We will contact you through phone,e-mail, letters, registered AD, sms, etc. fnr renewal before/after the expiry date of your policy. If you do not want os 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-B, EPIP, RIICO INDUSTRIAL AREA, STAPURA JAIPUR, RAJASTHAN, 302022 For Policy Wordings, NEFT/RTGS/IMPS or any other online payment kindly visit our website "www.shrirangi.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

Sintram General Insurance Co.Ltd.

Authorizeo Signatory Page 1 of 2

SN. NO. - 137

SHRIRAM GENERAL INSURANCE COMPANY LIMITED

SHRIRAM

CIN NO.U66010RJ2006PLC029979

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

Branch Address			GURGA	ON (HR	floor Gurgaon .)- 122002, 22002	Branch Office Pho	one No	7412079612 8 7412079613						
Geographical Are	а	INDIA				Policy No.		102015/3	102015/31/25/001694					
Insured's Code/		IN-3306		M/S JI	HARKHAND ISPAT	GSTIN No. Of Ins	ured	20AABCR29	993R1ZX					
Insured Address			ARGADA A IBAG, J		ADA, RAMGARH, JH. IAND	ARKHAND, 829101								
Insured State Co	de	20				NCB Discount (%		0						
xecutivo		HIMANSH	IU - NAN	00000	1404	Period of Insuran	ice	From 16:4 Midnight (/2024 To			
Agent Details			00070- N	Aobiie I	OKERS PVT, LTD No9330167449-									
PAN No.		N.A												
Prop No TR No.		N.A - N.A				Prop Issue Date		N.A						
Gross Premium	-	5323				IGST		958						
GST		0				SGST/UTGST	0							
Previous Insurer		N.A.				Totai		6281						
Previous Policy N	0 .	N.A				Nominee for Owner/Driver	N.A							
Nominee Age		N.A				Nominee Relation	ship	N.A						
Appointee Name		N.A				Appointee Relatio		N.A						
REGISTRATION	GISTRATION ENGINE NO. & CHASSIS NO.				MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBI	C CAPACITY /	DATE OF REGN. /		SEAT CAP			
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY	1174 &	M71MAMND24D000216			MAC 900		MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric	1 / 90	r. 20.00 / 2024	25/04/20		DRIVER) 4 + 1	
				3,90776,89985,85841			1174							
DV FOR THE		FOR TRA	ULER		ELECTRICAL SSORIES	ACCESSORIES		CNG/LPG kit			. VALUE			
7000.00	0	Damage I	Balley D	0		0		0 Jability Policy		7000	.00			
rom Date & Time	25/04/20		To Date			From Date & Time	25/04/	/2024 To C	ate & Time		/04/2025 23			
1	16:49 Hr	5 1			Hrs of Midnight	DF PREMIUM	16:49	HIS		IHI	s of Midnight			
and the second second	-	A. OWN D	AMAGE		JUNEDULE	A PREMANN		B. LIABILI	TY		-			
DD TOTAL					786.00	BASIC TP COVER					448			
OTAL PREMIUM					5323.00	ADD :Legal Llability	Coverag	ses For Paid Dr	iver		50			
DD : IGST 18.00						TP TOTAL					453			
PREMIUM AMOUN					6281.00									
Driver Tuition, Fibre Gi ADD-ONS:- ROAD SII (PA Policy number: , C Adductibles under Se	ass,CNG/LF DE ASSIST/ PA Sum In: ction-I : (PG Unit, Geo ANCE(IRDAA sured: 0.00, Compulsory	graphical 137RP00 CPA Com Deductibi	Exto, In 18V0120 npany Na e Rs.500	ng/Discounts viz (Autom nported Vehicle etc. wher 00809/A0002V01202021) ime: N.A., CPÅ Valid Fron 0, Theft Excess Rs.25000 1 MT-23, IMT-40, IMT-21	ever applicable), n: N.A., CPA Valid To: N.		ss, Ann-Inert, Ha	лысар метзо					
ivpothecation Agree lire Purchase/Lease imit of Liability : Under Section II-1(i)	Agreeme in respect :	<u>h:</u> Int with: ol any one a	iccident: a	s per M	otor Vahicles Act, 1988.					来省				
P.A. Cover under Sect	ion III for	Owner - Driv	ver (CSI)	: Rs. 0	claims arising out of one of Scratched Part : N.AClai	m not payable for : N.A								
reinspection Surver reinspection Report: Not														

PLACE : GURGAON

We will contact you through phone,e-mail, letters, registered AD, sms, etc for renewsi 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

angesnirangi.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.shrirangi.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

Shrivern General Insurance Co.Ltd.

Authorized Signatory Page 1 of 2

IRDA! REGN. NO. - 137

CIN NO.U66010RJ2006PLC029979

SHRIRAM GENERAL INSURANCE COMPANY LIMITED



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

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

54.129 **CERTIFICATE CUM POLICY SCHEDULE**

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

Branch Address	-	Haryana	9, Sector ,-GURGA DN, HARY	ON (HR	floor Gurgaon L.)- 122002, 122002	Branch Office Ph	one No	7412	07961	2 & 741	20796:	13
Geographical Area	3	INDIA				Policy No.	1 -			1/25/0	1690	
Insured's Code/	lame	IN-330 PVT. LT		M/S J	HARKHAND ISPAT	GSTIN No. Of Ins	Bured	20AA	BCR2	993R1ZX		
Insured Address		, ARGAI	DA RIBAG, J		ADA, RAMGARH, JH. IAND	ARKHAND, 829101						
Insured State Cod	le	20				NC8 Discount (%	•)	0				
Executive		HIMANS	HU - NAN	00000	1404	Period of Insurar	10100	From	16:4	1 Hrs of 24/04	25/0	4/2024 To
Agent Details		LCN000		Mobile I	OKERS PVT. LTD No9330167449-			Pildi	igni i	21 24/04	/ 102:	-
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 N	D .	N.A				Nominee for Owner/Driver	N.A					
Nominee Age		N.A		-		Nominee Relation	N.A					
	Appointee Name N.A					Appointee Relatio	-	N.A		-		
	ENGIN	MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBI	C CAPAC	CAPACITY / DATE YEAR OF REGN		1	SEAT CAP. (INCL. DRIVER)			
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY	1175 &	M71MAM	ND24D00	0217	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric		00.00 / 20)24	25/04/2		4 + 1
	Bati	tery Nun	nber	34841	,78841,38950,79952	Motor Number		1175			1	
IDV FOR THE VEHICLE	IDV	FOR TR	ATLER		ELECTRICAL SSORIES	ELECTRICAL	CNG/LP	CNG/LPG kit SI			LVALUE	
77000.00	0			0		0		0			77000	0.00
		Damage						iability a				
From Date & Time	25/04/20 16:41 Hr		To Date	& Time	24/04/2025 23:59 Hrs of Midnight	From Date & Time	25/04, 16:41		To D	oate & Tir		4/04/2025 23:59 Irs of Midnight
				_	SCHEDULE C	FPREMIUM						
		A. OWN I	DAMAGE					8, LL	BILI	TY		and the second se
OD TOTAL TOTAL PREMIUM						BASIC TP COVER	Courses	ana Erra D	and the s			4487.00
ADD : IGST 18.004	Vo					ADD :Legal Liability	Covera	ges For Pa	10 Uri	ver	_	4537.00
PREMIUM AMOUN					6281.00							4337.00
Driver Tultion, Fibre Gla ADD-ONS:- ROAD SID CPA Policy number: , CF Deductibles under Se Subject to IMT Endon Hypothecation Agree <u>Hire Purchase/Lease</u> Limit of Liability : Under Section II-1(i) (i)	A Sum In: A Sum In: ction-I : 4 sement P ment with Agreeme n respect of n respect	PG Unit, Ge ANCE(IRDA sured: 0.0X Compulsony rrinted her b: ent with: of any one of any one	ographical N137RP00 D, CPA Com y Deductibl rein/attac accident: a daim or si	Extn, Im 18V0120 Inpany Na e Rs.500 hed to : is per Mo eries of c	ng/Discounts viz (Automo ported Vehicle etc. when 10809/A0002V01202021) me: N.A., CA Valid From), Theft Excess Rs.25000 IMT-23, IMT-40, IMT-21 potor Vehicles Act, 1988. daims arising out of one e	ever applicable). 3: N.A., CPA Valid To: N.		ess, Ahti-Th	eft, ria	ndicap P e r:		

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

Dragssriranga.com Consnildated 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, RAJASTNAN, 302022 For Policy Wordings, NEFT/RTGS/IMPS or any othor online payment kindly visit our website "www.shrirangi.com" Validity of policy is subject to KYC verification.

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

1. A. 1997

For and on behalf of

veral Insurance Co.Ltd.

Authorized Signatory Page 1 of 2

(EGN. NO. - 137

SHRIRAM GENERAL INSURANCE COMPANY LIMITED



CIN NO.U66010RJ2006PLC029979

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 > 5 - Zone B MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -UIN No.IRDAN137RP0018V01200809 - SAC Code: 997134

Branch Address		Haryar		ON (HR	floor Gurgaon)- 122002, .22002	Branch Office Ph	7412	7412079612 & 7412079613						
Geographical Ar	aa	INDIA				Policy No.		1020	102015/31/25/001689					
Insured's Code/		IN-33 PVT. L		M/S J	HARKHAND ISPAT	GSTIN No. Of Ins	20AA	20AABCR2993R1ZX						
Insured Address		, ARG	ADA ARIBAG, J		ADA, RÀMGARH, JH IAND	ARKHAND, 829101								
Insured State Co	de	20				NCB Discount (%	1	0		-				
Executive		HIMAN	SHU - NAM	100000	1404	Period of Insurar			2 Hrs of 25 f 24/04/2	i/04/2024 To 025				
Agent Details		LCN00		Mobile M	OKERS PVT. LTD No9330167449-									
PAN No.		N.A												
Prop No TR No	4	N.A - 1	A.I			Prop Issue Date	-	N.A	N.A					
Gross Premium	-	5323				IGST		958	958					
CGST		0				SGST/UTGST	0	0						
Previous Insure		N.A.				Total		6281		_				
Pravious Policy	to:	N.A				Nominee for Owner/Driver		N.A						
Nominee Age		N.A				Nominee Relation	shio	N.A						
Appointee Name		N.A				Appointee Relatio	N.A		-					
REGISTRATION MARK & PLACE		INE NO. 4	CHASSI	S NO.	MAKE - MODEL	TYPE OF BODY /	CUBI	C CAPAC		DATE OF REGN. / DELIVERY	SEAT CAP (INCL. DRIVER)			
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY	1028	3 & M71MA	MND24D0	00222	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric		0.00 / 20)24	25/04/202				
	E	attery No	mber	38668	43525,65554,43667	Motor Number	<u> </u>	1028						
IDV FOR THE	1	DV FOR T	RAILER		ELECTRICAL SSORIES	ELECTRICAL		CNG/LP	G kit !	SI TO	TAL VALUE			
77000.00	10			0		0		0			000.00			
From Date D T		vn Damag						lability I						
From Date & Time	om Date & Time 25/04/2024 To Date & 16:32 Hrs				Hrs of Midnight		25/04/		To D	ate & Time	24/04/2025 23 Hrs of Midnight			
		A OWN	DAMAGE		SCHEDULE	OF PREMIUM	-			~				
DD TOTAL		A. UWN	DAMAGE		704 00	BASIC TP COVER		B. LI	ABILIT					
TOTAL PREMIUM						ADD :Legal Liability	Coveran	es For D	aid Dei	(OT	448			
ADD : IGST 18.00	9%					TP TOTAL	Sarciag	LS I UI PO	NO DIL		453			
PREMIUM AMOUN	(T				6281.00						100			

ADD-ONS:- ROAD SIDE ASSISTANCE(IRDAN137RP0018V01200809/A0002V01202021)

CPA Policy number: , CPA Sum Insured: 0.00, CPA Company Name: N.A., CPÅ 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 Frinted herein/sttached 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, ietters, 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.shrirsmgi.com" Validity of policy is subject to KYC verification.

Note :- Claim intunation after 48 hours will he

considered as delayed intimation.

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

For and on behalf of

non Co.Ltd. and Tenarr

Authorized Signatory Page 1 of 2

CERTIFICATE CUM POLICY SCHEDULE

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

Branch Address		F-P-29, Sector ryana,-GURGA IRGAON, HARY	ON (HR		Branch Office Ph	7412	7412079612 & 7412079613						
Geographical Area		DIA			Policy No.	102	102015/31/25/001688						
Insured's Code/		-33067442 /	M/S J	HARKHAND ISPAT	GSTIN No. Of Insured 20AAE			ABCR2993R1ZX					
Insured Address	, A , H	SLA, ARGADA RGADA AZARIBAG, J 829101		ADA, RAMGARH, JH IAND	ARKHAND, 82910	1							
Insured State Co	de 20				NCB Discount (%	(0)	0	Ó					
Executive	HI	MANSHU - NAM	00000	1404	Period of Insura		From 16:25 Hrs of 25/04/2024 To Midnight Of 24/04/2025						
Agent Details			Mobile I	OKERS PVT. LTD No9330167449-									
PAN No.	N.A	4											
Prop No TR No.	And the second se	A - N.A			Prop Issue Date		N.A			-			
Gross Premium	53	23			IGST	958							
CGST	0				SGST/UTGST	0							
Previous Insurer	N.A	A .			Total	6281							
Previous Policy N	o. N.A	4			Nominee for Owner/Driver	N.A	N.A						
Nominee Age	N.A	ł			Nominee Relatio	N.A	N.A						
Appointee Name	N.4	+	-		Appointee Relati		N.A						
REGISTRATION MARK & PLACE	ENGINE N	NO. & CHASSIS NO.		MAKE - MODEL	TYPE OF BODY / FUEL TYPE	CUBI	T/YEAR	CAPACITY / DATE O YEAR OF REGN. / DELIVE			SEAT CAP. (INCL. DRIVER)		
NEW & FARIDABAD (COMMERCIAL VEHICLES ONLY	FARIDABAD (COMMERCIAL		0221	MAC AUTO INDIA - MAC 900	ERICKSHAW / 1 / 90 Electric			0.00 / 2024 25/04/202			4 + 1		
	Battery	Number	38670	43665, 38663, 38664	Motor Number	- training	1026		-				
IDV FOR THE IDV				ELECTRICAL SSORIES	ELECTRICAL C		CNG/LF	CNG/LPG kit SI TO		TOTAL	VALUE		
77000.00	0		0				0				7000.00		
Con Data & Times		nage Policy P		24/04/2025 22 50			lability I						
From Date & Time 25/04/2024 To Date 16:25 Hrs		To Date	& Time	Hrs of Midnight	From Date & Time	25/04/ 16:25				e 24/04/2025 23:59 Hrs of Midnight			
	10	WN DAMAGE		SCHEDULE	OF PREMIUM	_		ABILI		-			
OD TOTAL				786.00	BASIC TP COVER	-	D. LL	ADILL	.I.T	-	4487.00		
TOTAL PREMIUM					ADD :Legal Liability	Coverad	es For P	aid Dri	iver		50.00		
ADD : IGST 18.00				958.00	TP TOTAL						4537.00		
PREMIUM AMOUN				6281.00									
Driver Tuition, Fibre Gil ADD-ONS:- ROAD SII CPA Policy number:, C Deductibies under Se Subject to IMT Endon <u>Hypothecation Agree</u> <u>Mire Purchase/Lease</u> <u>Limit of Liability:</u> Under Section II-1(I) Under Section II-1(I) P.A. Cover under Sect	ess,CNG/LPG UP DE ASSISTANCE PA Sum Insures exction-I : Comp sement Frints ment with: <u>Acceement with</u> n respect of an in respect of ar ion III for Own	nit, Geographical (IRDAN137RP00 d: 0.00, CPA Com puisory Deductibi de herein/sttac rith: y one accident: a ny one claim or s r - Driver (CS1)	Extn, In 18V0120 Inpany Na e Rs.500 hed to : is per Mo eries of o : Rs.0	ig/Discounts viz (Automi ported Vehicle etc. wher 0809/A0002V01202021) me: N.A., CPA Valid Fror , Theft Excess Rs.25000 IMT-23, IMT-40, IMT-21 itor Vehicles Act, 1988. Jaims arising out of one o icratched Part : N.A. (Clair	ever applicable). n: N.A., CPA Valid To: N event is Rs. 750000	I.A.	ss, Anti-Tř	eft, Ha	ndicap Perso				

PLACE : GURGAON

We will contact you through phone,e-mall, letters, registered AD, sms, etc for renewal before/after the expiry date of your policy. If you do not went 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/RIGS/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 menbored in this policy are in Indian Rupees GSTIN No. 06AAKCS2509K127

For and on behalf of

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or

Authorized Signatory Page 1 of 2

CIN NO.U66010RJ2006PLC029979

CIN NO.U66010RJ2006PLC029979

CERTIFICATE CUM POLICY SCHEDULE

PCCV-3 wheelers-carrying passengers-capacity NOT > 6 - Zone B MOTOR COMMERCIAL VEHICLE (PACKAGE POLICY) -UIN No.IRDAN137RP0018V01200609 - SAC Code: 997134



Haryana,-G GURGAON,				ON (HR	: Roor Gurgaon R.)- 122002, 122002	Branch Office Ph	7412	7412079612 & 7412079613					
Geographical Are	INDIA				Policy No.	1020	102015/31/25/001687						
Insured's Code/	IN-330 PVT. L		M/SJ	HARKHAND ISPAT	GSTIN No. Of Ins	20AA	BCR29	93R1ZX					
Insured Address	-	, ARGA	DA RISAG, J		ADA, RAMGARH, JH. IAND	ÄRKHAND, 829101							
Insured State Co.	20				NCB Discount (%)								
Executive 20 HIMANSHU -			SHU - NAM	100000	1404	Period of Insuran		From 16:19 Hrs of 25/04/2024 To Midnight Of 24/04/2025					
Agent Details		LCN000		Mobile	OKERS PVT. LTD No9330167449-			8					
PAN No.		N.A											
Prop No TR No.		N.A - N	.Α			Prop Issue Date	N.A						
Gross Premium	1	5323				IGST	958	958					
CGST		0				SGST/UTGST	0	0					
Previous Insurer N.A.		N.A.		-		Total		6281	6281				
Previous Policy No.		N.A				Nominee for Owner/Driver	N.A.	N.A					
Nominee Age	N.A				Nominee Relation	N.A	N.A.						
Appointee Name		N.A				Appointee Relationship N.A							
REGISTRATION MARK & PLACE	ION ENGINE NO. & CHASSIS		NO.	MAKE - MODEL	TYPE OF BODY / CUBIC		YEAR	CAPACITY / DATE YEAR OF REGN			SEAT CAP. (INCL. DRIVER)		
NEW & FARIDASAD (COMMERCIAL VEHICLES ONLY	1025 8	M71MAN	1ND24D00	0215	MAC AUTO INDIA - MAC 900	ERICKSHAW / Electric		-	.00 / 2024 25/04/			4 + 1	
	Bat	ttery Nu	mher	38660	,38856,34520,32322	Motor Number	1	1025			_		
IDV FOR THE	ID	V FOR T	AILER			ELECTRICAL C		CNG/LP	NG/LPG kit SI T		TOTAL VALUE		
77000.00	0	-		0		0		0			77000.00		
		Own Damage Policy Per 5/04/2024 To Date & 5:19 Hrs			24/04/2025 23:59 Hrs of Midnight	From Date & Time	25/04/ 16:19			Period ate & Time	24/04/2025 23:59 Hrs of Midnight		
			_		SCHEDULE C	OF PREMIUM							
	-	A. OWN	DAMAGE					B. LL	BILIT	Y		States and states and	
OD TOTAL						BASIC TP COVER	c .	F 5				4487.00	
						ADD :Legal Liability Coverages For Paid Driver 50.00 TP TOTAL 4537.00							
PREMIUM AMOUN					6281.00	IF TOTAL				-		4337-00	
Driver Tultion, Fibre Gla ADD-ONS:- RDAD SIE	ess, CNG/L DE ASSIST	PG Unit, G ANCE(IRD	eographical AN137RP00	Extn, In 18V0120	ng/Discounts viz (Automin nported Vehicle etc. when 00809/A0002V01202021)	ever applicable).		s, Anti-Th	eft, Han	dicap Persor			

CPA Policy number: , CPA Sum insured: 0.00, CPA Company Name: N.A., CPk Valid From Deductibles under Section-I : Compulsory Deductible Rs.5500 , Theft Excess Rs.25000 Subject to IMT Endorsement Printed herein/stitached to : INT-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(iii) 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 <u>PreInspection Survey:</u> 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

ral Inductors Co GM

we will concact you through phonese-mail, letters, registered AD, sins, 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 dind@shriramgl.com Consolidated Stamp Duty paid vide order No. F7(77)Gen/2023/4956 dated 20/07/2023 Policy Issuing office - E-8, EPDP, 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.

We will contact you through phone,e-mail, letters, registered AD, sms, etc for renewal before/after the

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

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

Authorized Signatory Page 1 of 2

LLÍN NO.U66010RJ2006PLC029979

JN-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: 997134

Branch Address			-GURGAG	ON (HR	floor Gurgaon .)- 122002, 22002	Branch Office Ph		7412079612 & 7412079613					
Geographical Are	INDIA				Policy No.		102015/31/25/001686						
Insured's Code/ I	PVT. LTI	D.		ARKHAND ISPAT	GSTIN No. Of Insured 20AABCR2993R								
Insured Address		HESLA, ARGAD , ARGAD , HAZAR - 82910	ARGADA A IBAG, J		ADA, RAMGARH, JH. IAND	ARKHAND, 82910	L						
Insured State Con	20				NCB Discount (%	0	0						
Executive	HIMANSH	IU - NAN	000001	1404	Period of Insura		From 16:09 Hrs of 25/04/2024 To Midnight Of 24/04/2025						
Agent Details			00070- N	tobile I	OKERS PVT. LTD								
PAN No.		N.A						Ter a	_		_		
Prop No TR No.		N.A - N.A	4			Prop Issue Date	N.A 958			_			
Gross Premium		5323		_		IGST	IGST						
CGST	1.1	0		-		SGST/UTGST	-	0		_	_		
Previous Insurer		N.A.				Total	100	6281	_				
Previous Policy N	0.	N.A				Nominee for Owner/Driver	N.A	N.A					
Nominee Age	-	N.A				Nominee Relatio	N.A						
Appointee Name		N.A				Appointee Relati	ionship	N.A					
REGISTRATION	EGISTRATION ENGINE NO. & CHASSIS		NO.	MAKE - MODEL	TYPE OF BODY /			CAPACITY / DATE OF YEAR OF REGN. / DELIVER		1	SEAT CAP. (INCL. DRIVER)		
NEW & 1027 & M71MAMND24D000 FARIDABAD (CDMMERCIAL VEHICLES ONLY		0219	MAC AUTO INDIA - MAC 900	ERICKSHAW / 1 / 900 Electric			.00 / 2024 25/04/2024		2024	4 + 1			
	Bat	ttery Nur	iber	4386	7,38657,21169,4367			1027					
IDV FOR THE VEHICLE		V FOR TR			ELECTRICAL SSORIES	ELECTRICAL ACCESSORIES						OVAL VALUE	
77000.00	0			0		0	_	0		Baulad	77000	.00	
		Damage			24(040000 30.50	From Date & Time		Liability 1/2024		pate & Tir	ne 2	4/04/2025 23:59	
From Date & Time	25/04/2 15:09 H			Hrs of Midnight	16:09 h						rs of Midnight		
	10.051					OF PREMIUM							
	-	A. OWN	DANAGE					8.13	ABILI	TY			
OD TOTAL					786.00	BASIC TP COVER	6	Ter Fee F	and Flat	n i Ar		4487.00	
TOTAL PREMIUM					5323.00	00 ADD :Legal Liability Coverages For Paid Driver 50.00 00 TP TOTAL 4537.00							
ADD : IGST 18.00 PREMIUM AMOUN					6281.00								
The above Total OD Pr Driver Tuition, Fibre G ADD-ONS:- ROAD SI CPA Poilcy number: , (Deductibles under S Subject to IMT Endo <u>Hypothecation Agre</u> <u>Hire Purchase/Leas</u> <u>Limit of Llability :</u> Under Section II-1(i) Under Section II-1(i)	emium Is lass, CNG/I DE ASSIST CPA Sum 1 ection-1 : resement e Agreem In respect) in respect) in respect) in respect tion II fo	LPG Unit, Ge TANCE(IRDA nsured: 0.04 : Computson Printed her ith: nent with: t of any one t of any one	eographica N137RP00 0, CPA Cor y Deductib rein/atta accident: c daim or : tiver (CS1)	as per M Berles of	Ing/Discounts viz (Auton mported Vehicle etc. whe 00809/A0002v01202021 ame: N.A., CPA Valid Fro 0, Theft Excess Rs.2500 : IMT-23, IMT-40, IMT-2 hotor Vehicles Act, 1988. claims arising out of one Scratched Part : N.A , Cla	rever applicable).) im: N.A., CPA Valid To: 0 1. event is Rs. 750000	N.A.	æss, Anti-T	heft, He	ndicap Per			

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Gnosishriramgi.com Consolidated Stamp Duty paid vide order No. 77(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 KVC 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. 06AAKC52509K127 For and on behalf of

hrinem General Insurance Co.Ltd.

Cons

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











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

संत कोलंबा में गोष्टी का आयोजन

हजारीखाग । संत कोलंबो कॉलेज के मुख्य छात्रावास 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 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 कांहै।

.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 प्रीफैक्ट विशाल कुमार मिश्र ने किया कार्यक्रम में सचिन जायसवाल हर्ष कुमार शिव कुमार रंजन कुमार अंशु कुमार आदि मौजूद थे।

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।



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

रामगढ, निज प्रतिनिधि। आरसी रूंगटा समुह 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 विशिष्ठ अतिथि तिवारी महतो, आनन्द बेदिया, गोपाल मुंडा, शंकर मिश्रा, बिनोद 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 1 ग्रामीणों को चिह्नित कर 2 ग्रामीण क टैक्टर और 8 ग्रामीण को ई रिक्शा दिवा गया। मौके पर फैक्टरी ओनर रामचन्द्र रूंगटा ने कहा कि फैक्टरी प्रबंधन सीएसआर के तहत आसपास के ग्रामीण के विकास के लिए हर सम्भव काव कर रहा है। इससे पहले कृषि उपकरण का वितरण किया गया। इसके अलाव शिक्षा के क्षेत्र में बेहतर करने वाले छाठ छात्राओं को पढ़ने की व्यवस्था और स्कॉलरशिप देने की योजना पर कान चल रहा है। मौके पर प्लांट के ओनर रामचंद्र रूंगटा, मनोज रूंगटा, बमबम झा, मानवेन्द्र चौबे आदि मौजूद थे।

वक्ताआ न 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 पतरातू प्रखंड क्षेत्र में तिरंगा यात्रा मोटरसाइकिल जुलूस निकाली गई।

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प्रतिष्टि

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

रांची, बुधवार, १४ अमस्त २०२४



अंतर्गन का निरीक्षण करते डीसी-एसपी। साइदिय

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

सिदो-कान्हू मैदान में 9:05 में होगा ध्वज

स्वतंत्रता दिवस पर सिदो कान्ह 🕯 में सुबह 9:05 बजे झंडोतोलन ह डीसी कार्यालय,में सुबह 10 बजे, पुलिस अधीक्षक कार्यालय में सुब 10:05 बजे, डीडीसी कार्यालय मे स्वह 10:10 बजे, अनुमंडल कार्यालय में प्रातः १० ५० बजे अनुमंडल पुलिस पदाधिकारी कार 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 गंगलवार को हुई। इसमें अहम फैसले लेए गए। हजारीबाग की सारले भावासीय कॉलोनी की खाली जमीन र चहारदीवारी निर्माण और पीसीसी ड निर्माण के लिए क्रमशः 14.72 नाख और 10.70 लाख रुपए की शासनिक स्वीकृति दी गई।

कॉलोनी के नवनिर्मित कार्यालय ह निरीक्षण भवन एवं आवासीय ॉम्प्लेक्स के चहारदीवारी निर्माण के नए 50.07 लाख रुपए की शासनिक स्वीकृति मिली। वहीं, ॉलोनी में 16 नवनिर्मित फ्लैटों व न्य संपत्तियों की सुरक्षा के लिए कीदार कक्ष निर्माण के लिए 4.30 लाख रुपए की प्रशासनिक किति दी गई।

जले में 5 पुलिस दाधिकारियों का



एक सुखद अहसास F से जगी नयी आस धिक उम्र में माँ बनना हो रहा है संभव

आधुनिक तकनीकों जैसे आईवीएफ द्वारा अब 40 या । अधिक उम्र एवं मासिक धर्म बंद होने पर भी डोनर र्विसेज के माध्यम से माँ बनना संभव हो पा रहा है।

निःशुल्क परामर्श 8867731100

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तीग उस बहाशा का स्थात में रिम्स ल गय ये वह तक इलाज के बाद भी उसका जान नहीं बच सकी मंगलवार को शव का अंतिम संस्कार किया गया.



रामगढ. 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 समुह 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. मंसर 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 दुगों पूजा कमेटी की बैठक

विद्दी (हजारीबाग). सिरका दुर्गा पूजा कमेटी बैठक मंगलवार को सिरका में हुई. इसकी अध्यक्षता खान प्रबंधक रमेश कुमार ने की. बैठक में दुर्गा पुजा धुमधाम से मनाने का निर्णय लिया गया. पुजा 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 कुशवाहा, मनोज पाल, केसर महतो, कमरुद्दीन खान, मुस्तफा खान, विजय सिंह, योगेश हजारी को कार्यकारिणी सदस्य के रूप में रखा गया है

दुर्गा व काली

पजा मनाने का

लिया निर्णय

उरीमारी, सयाल में

पीट ऑफिस के

समीप दुर्गा पूजा व

काली पूजा समिति

साव ने की. बैठक में

दोनों त्योहार धुमधाम

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,

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सिंह, सदानंद सिंह,

रामविलास यादव

विनोद कुमार, सत्येंद्र

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OPPOSITE GURUDWARA, MAIN ROAD.

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)

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CIN Telephone

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



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

OIC

Date..... 21.03.2023

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

> To, The Divisional Forest Officer. Ramgarh Division, Dist. Ramgarh. Iharkhand



Sub: Regarding submission of Rs 6,10,000/- for conservation of fauna in Phulsarai Protected Forest to the District Forest Office under Corporate Environmeut **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-IA-11(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 IHARKHAND ISPAT PVT LTD

Non of fro

Authorized Signatory

Encl.:- As above.



कार्यालयः-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

यत्रांक 602 / रामगढ, 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 प्राo लिo 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 शर्ते के आलोक में औद्योगिक इकाई के आस–पास फुलसराय एवं अन्य क्षेत्रों में Biological Environment अन्तर्गत वन्यप्राणी संरक्षण हेतु राशि–6,10,000/– रूपये 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,

OC

ADMN. OFFICE : Near P.N. Bank, Main Road, Ramgarh Cantt. Dist. - Ramgarh (Jharkhand) - 829 122



WORKS :

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

CIN Telephone : U34102UP1991PTC012872 : 06553-226846, 224601, Fax: 226845 E-mail : jiplramgarh@gmail.com

Date.....

31.03.2023

Ref. No..... JIPL/169/2022-23

> To. The Divisional Forest Officer, Ramgarh Division, Dist. Ramgarh. Iharkhand

Regarding submission of e- Challan copy duly received by SBI, Ramgarh Sub: Branch of Rs 6,10,000/- for conservation of fauua in Phulsarai Protected Forest to the District Forest Office under Corporate Environment **Respousibility (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 SB1, 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

Nand the Unn Authorized Signatory

Encl.:- As above.

Receiving Dept: Forest, Environment and Climate Department	nt of Jharkhand	Receiving De	e-Chal Finance Department, Government apt: Forest, Environment and Climate C	ent of Jharkhand
Valid UpTo :-09/04/2023	Remitter's Copy of Dept	Valid UpTo	-09/04/2023	Remitter's Copy
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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

OC

Date.....15/06/2023

To, The **Dy.** Commissioner, Dist. Rangarh. 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 teference to the above, this is to inform you that Minfstry 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 2nd 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.

Regd Office : Flat No. 209, 2nd Floor, Tirupati Tower, SA 7/13-2 Akhta, Pahariya, Varanasi - 221007 (Uttar Pradesh)

ADMN. OFFICE

: Near P.N. Bank, Main Road, Ramoarh Cantt, Dist. - Ramgarh (Jharkhand) - 829 122



WORKS :

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

Date.....

04.07.2023

CIN Telephone : U34102UP1991PTC012872 : 06553-226846, 224601, Fax: 226845 E-mail : jiplramgarh@gmail.com

Ref. No

JiPL/039/2023-24

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

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 2nd 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.

dunge Hand Jh

Authorized Signatory

Encl: As above.

NEATEN IVR: 6774164TEELLI ter 10:1.06/97/2012.15 THE EXECUTIVE, HARANDEAD FINIEZCIÓL, HEZEFICAET HI India Pee Franklik Review T. Revelate Witt70cms Activil. Striker (Tennis, St. Frage on weakingiagoet.cov.it. Dial 199024465681 tests tasts. Star Sata

Executive engineer of office Water ways division, hazaribag

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

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 sincerally

68103 Sutive Engineer a didision of face ribag.

ADMN. OFFICE

CIN Telephone

Ref. No

 Near P.N. Bank, Main Road, Ramgarh Cantt. Dist. - Ramgarh (Jharkhand) - 829 122
 U34102UP1991PTC012872
 06553-226846, 224601, Fax : 226845

E-mail : jiplramgarh@gmail.com



WORKS :

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

Olc

Date 23.08.2023

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

JIPL/055/2023-24

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

- Environment Clearance (EC) issued vide letter no. J-11011/41/2013-tA-tl(I) dated 07/09/2022 by MoEF&CC, New Delhi.
- 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,

Ref :

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

191023

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

-Tho Dy. Commissioner, Ramgarh (Jharkhand).

(09620)-SME BRANCH RANCHI MACON CAMPUS DORANDA RANCHI.DIST:RANCHI. 834002 Tel : 651 2482676 Fax : IFS Code : SBIN0000620 SWIFT : भारतीय स्टेट बैंक महीने के लिए वेच / VALID FOR 3 MONTHS ONLY 220 02 State Bank Of India M Y PAY Executive Engineer Gater Wage Division, Hazan bagget onder AR OR ORDER 542 RUPEES Six Jakin Mirty thousand aly 630000 अदा करें MI. H. A/C NO. 10324842800 VALID UPTO 7 50 LACS AT NON-HOME BRANCH FOR NON-CASH TRANSACTION ONLY 00824842301 CASH CREDIT A/C PREFIX : 1516200003 JHARKHAND ISPAT PRIVATE LIMITED MULTI-CITY CHEQUE Payable at Par at All Branches of SBI Please sign above

"549736" B34002006: 000152" 30

Annexure - 8

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। पुर्च प्रिन्ट कर अथवा फोटो कॉपी आदि द्वारा इसी रसीद का दुसरे दस्तावेज पर मुद्रांक शुल्क का भुगतान के प्रमाण हेतु उपयोग भारतीय मुद्रांक अभिनियम, 1899 की धाय 62 अन्तर्गत दण्डनीय अपराभ है।

FUSTEE

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MEMORANDUM OF UNDERSTANDING

This binding Memorandum of Understanding (MOU) is Dated19.05.2021 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 Reom 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.

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Ram Komor Rungta Charttable Trust ALLARUSTEE

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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 19th day of May, 2021.

Sontosn Kumer Goste

ISP

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

Kom Kumar Schata Chantable Trust 12.1

(Alok Rungta) TRUSTEE Trustee Ram Kumar Rungta Charitable Trust

Second Party

First Party

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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 installation:

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
	NET TOTAL	11905819.00
	ADDITIONAL 5 %	595291.00
TOTA	AL AMOUNT	12501110.00

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JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE

CIN Teiephone Near P.N.Bank, Main Road, Ramgarh Cantt. 829 122 Dist. Ramgarh (JHARKHAND) U34102UP1991PTC012872 06553-226846 Fax: 06553-226845 E-Mail: jiplramgarh@gmaii.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 facilitics at Village and Post -Marar, Dist.-Ramgarh, Jharkhaud under CER.

Ref.: 1. Agreement Dated. 19.05.2021

2. EC issued vide F.No. F. No. J-11011/41/2013-IA-II(1) 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-11011/41/2013-1A-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:-

SI. 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

Anthorized 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 uo 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 respose to your letter we have repeately enquired for suitable land in the village Marar to serve your pupose but no any such suitable land become available. Pleae 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 baded hospital and allied facilities.

Thanking you.

Yours faithfully For Ram Kumar Rungta Charitable Trust

Alok Rungta

Trustee

JHARKHAND ISPAT PRIVATE LIMITED

ADMN. OFFICE

Ref. No

JIPL/2024-25

Near P.N. Bank, Main Road, Ramgarh Cantt.
 Dist. - Ramgarh (Jharkhand) - 829 122



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

CIN Teiephone : U34102UP1991PTC012872 : 08553-228846, 224601, Fax : 226845 E-mail : jiplramgarh@gmail.com

> Date..... 07/10/2024

To,

The Memher Secretary, Ministry of Environment, Forest and Climate Change, (I.A. Division – Industry 1 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 Charitahle 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

Parnya Nand Jhs

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

Puny & Mond the Authorized Signatory

Encl: As above.

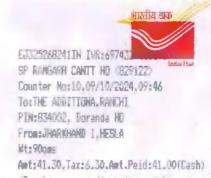
Cc: The In-charge, Integrated Regional Office, Ranchi, MoEF & CC.

EJ325267731IN IVR:69743 SP RAMEARH CANTT HU (B29122) Indua Her Counter Ho:10.08/16/2024.13:17 To:THE MEMBER SE.NEW DELHI PJN:110003. Lodi Road HU From:UHARKHAND 1.HESLA ANGADA Mt:900ms Amt:47.20.Tax:7.20.Amt.Paid:47.00(Cash) (Track on unon, indianost.ony, in)

HALL SH WAR IN LAND LARRY THE

(Dial 18002666868) (Wear Masks, Stay Safe)

and the second



	CLEARANCE	To, The Director JHARKHAND ISPAT PVT L	
PARIVESH	and Responsive Facilitation by Interactive, uous Environment Single-Window Hub)	Jharkhand,,Ramgarh,Jharkh Subject: Grant of Environmental Clea under the provision of EIA N Sir/Madam, This is in reference to you in respect of project submitted	arance (EC) to the proposed Project Activity lotification 2006-regarding ar application for Environmental Clearance (EC) to the Ministry vide proposal number by 2021. The particulars of the environmental as below. EC22A008JH113341 J-11011/41/2013-IA-II(I) New A 3(a) Metallurgical industries (ferrous & non ferrous) Expansion of Jharkhand Ispat (P) Ltd. for
	(Pro-Active and I and Virtuous	 7. Name of Company/Organization 8. Location of Project 9. TOR Date The project details along with terms are no 2 onwards.	AFBC–12MW at village - Hesla, P.O Argada, Ramgarh District, Jharkhand n JHARKHAND ISPAT PVT LTD Jharkhand N/A
	ENII -	Date: 07/09/2022	(e-signed) Dr. R. B. Lal Scientist E IA - (Industrial Projects - 1 sector)
	A MARK		nce shall be one that has EC identification m PARIVESH.Please quote identification ence.

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: 7th September, 2022

To,

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

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

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 :-

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



S.No.	Particulars	Details					
~ 101		– Violatio					
d.	Action plan to address the PH		/	loet an amou	unt of Rs. 160.19		
u.	issues			-	ldress the issues		
	155405		ng public hea				
			01	v	aure-I.		
e.	Location of the project	PH Action Plan is enclosed as Annexure-I. Hesla, P.O. Argada, District Ramgarh, Jharkhand.					
f.	Latitude and Longitude of the	Point	Latitu	2	Longitude		
	project site	A	23 ⁰ 39'00.0"		'27'48.8"E		
	1 5	B	23 ⁰ 38'53.5"	N 85 ⁰	27'42.8"E		
		C	23 ⁰ 38'50.3"		² 27'45.0"E		
		D	23 ⁰ 38'44.0"		² 27'39.4"E		
		Е	23 ⁰ 39'46.1"		² 27'54.3"E		
		F	23 ⁰ 38'51.2"		² 27'55.5"E		
		G	23 ⁰ 38'53.5"		27'52.9"E		
		H	23°38'57.4"		27'54.9"E		
g.	Total land		Private:14.38				
<u> </u>	Land acquisition details as per			-	5.54 Acres (10.34		
	MoEF&CC O.M. dated		0		PL. Company has		
	7/10/2014	· ·			(4.04 Ha.) on 30		
	77		expansion will be				
	1000	14.38 ha and total land is under possession of JIPL.					
i.	Existence of habitation &						
	involvement of R&R, if any	100					
j.	Elevation of the project site	335 m abo	ve mean sea l	evel			
k.	Involvement of Forest land if	No involve	ement of Fore	s <mark>t lan</mark> d.			
	any.	11/	A 6.6				
1.	Water body exists within the	Project Si	te: No water l	oodies within	the project site.		
	project site as well as study						
	area	Study are		1.24			
	Y. 1.	Water B	•	Distance	Direction		
	2	River Da	modar	0.3 km	South		
m.	Existence of ESZ / ESA /	Nil.	11	85			
	national park / wildlife		following for	ests are existi	ng in		
	Sanctuary / biosphere Reserve	the study a					
	/ tiger reserve / elephant	PF at 5.0 k					
	reserve etc. if any within the	PF at 5.5 k					
	study area		tm (South),				
n	Project cost		$\frac{\text{cm}(\text{NNW})}{2}$	200			
n.	Project cost		Rs. 54.12 Croi		(after proposed		
					oject is Rs 240.75		
		Crores)	total capital C	ost of the pro-	-3000 + 10 + 10 - 13		
0.	EMP cost	,	tal cost fo	r environm	ental protection		
0.		-			tivities to address		
			U U	0	d as Rs. 5.7011		
					ost towards the		
				-	s proposed as Rs		
		0.475 Croi	-		r r r r r r r r r r r r r r r r r r r		
p.	Employment opportunity	394 Nos.					
q.	Water and Power requirement		06 KLD (Tota	l after Expan	sion)		
4	· · · · · · · · · · · · · · · · · · ·	1	<	I	/		

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

Unit configuration and capacity:

Sl.	Project	E	xisting In	stalled Un	its	Propose	ed Units	T	otal
No	Details	Non/V	iolating	Violating Units				(Existing +	
								Proposed)	
		Unit	Prod.	Unit	Prod.	Unit	Prod.	Unit	Prod.
			(TPA)		(TPA)		(TPA)		(TPA)
1.	Sponge	2x100	60,000	2x100	60,000			4x100	120,000
	Iron Plant	TPD		TPD				TPD	
2.	Induction			2x12T		1x12T		3x12T	
	Furnaces								
3.	Billet			2strands	72,000	1strand	36,000	3strand	108,000
	Caster			6/11m		6/11m		6/11m	
4.	Rolling					300	90,000	300	90,000
	Mill			-58	r B.	TPD		TPD	
5.	Captive		20	-	in Z	625			
	Power		1000	-		100			
	Plant		100	-		100	~		
	AFBC		14		1.00	1	12 MW	1	12 MW
	Boiler		110	1					
	WHRB			100		4	6 MW	4	6 MW

5. The EAC (Industry-I) in its 53rd meeting held on 10-11th 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 <u>as per S.O. 804(E) dated 14/03/2017</u> subject to the following specific conditions and general conditions.

A. <u>Specific conditions:</u>

- i. Damage remediation measures @ cost of Rs. 660.22 lakhs shall be implemented as per the action plan submitted in the EIA report.
- 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 (**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/Nm3.
- 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 31st 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 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 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. 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_{10} , SO_2 , NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
 - ix. 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

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 1C IS P

S			Amount in INR	
No	Activities	1 st Year	2 nd Year	Total
1	Community Development			
	Installation of one number of	3,068,360		30,68,360
	bore/well based on Solar Pump	[Complete		
	C:\Users\HP\OneDrive\Desktop\49	installation of		
	EAC\l\NOC Borewell.pdf system	bore/well		
	along with water storage Tank each	having pump		
	in Village Hesla and Mahuatand,	based on Solar		
	District: Ramgarh	power and		
		water storage		
		tanks]		
	Greenbelt of 15m width, covering an	450,000.00		4,50,000
	area of 0.45 ha. will be developed	[Greenbelt	-	
	along the periphery of the village	Development	1.7	
	Argada, District: Ramgarh,	along the	20	
	Jharkhand	periphery of		
		Argada		
		Village]		
2	Health Development			
	Establishment of 16 Bedded Hospital	4,278,631	8,222,479	1,25,01,110
	with advance medical facilities with	[Civil work for		
	affordable and quality services in	two floor	equipment, Lift,	
	village & P.O Marar, District:	building]	Furniture,	
	Ramgarh		Electrification,	
			Air Conditioner,	
	- 1 - 1 - 1 - 1 - 1		etc]	
	Grand Total	in INR	115	16,019,470.0

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

Annexure –II

5.	Environment	of Yearly Budget for in Activity Description	scription Total Budgetary Provision in Rs.					
	Component	receivity Description	1 st Year 2 nd Year 3 rd Year					
1	Land	1.Assistance to	19,35,250	19,35,250	JICal	Total 38,70,500		
1	Environment			· ·		30,70,500		
	Environment	farmers by providing		(Providing				
		seedlings, manure and		Tractor,				
			Bundmaker,	Bundmaker,				
		villagers of Hesla and	0 0	•				
		Maraar= Rs.46,000/-	and Seedlings,	U U				
		2.Providing one tractor		Seedlings,				
		(Make Mahindra) with		manure in				
		hydraulic trolley and	panchayat	Nagar				
		Rotavator to be	ofHesla)	panchayat of				
		provided to each Nagar		Maraar)				
		panchayat of village		,				
		Hesla and Maraar						
		=Rs.34,00,000/-	-					
		3.Providing	THE -	1.1				
		Bundmaker, Ridger,	Gul P					
		plough for agriculture		20				
		purpose to villagers of						
				S 23				
		Maraar= Rs.4,24,500/-	1		1 < 24 000			
	Air	1. Providing four E-		17,50,000	16,54,000	51,54,000		
	Environment		(Providing 4E-		(Solar stove,			
		Make: Mac Auto) with		4E-	solar street			
			inBarkakanaand					
		transport in each	Maraarvillages)	in Phulsarai	fan in Argada			
		Barkakana, Maraar,		and Argada	& Hesala			
		Phulsarai and Argada	1 1 1 1 1	villages)	village)			
		villages = Rs35,00,000/-			_			
	7	2. Solar stove, solar						
		street light & solar fan						
		in Argada & Hesala		117				
		village=Rs.16,54,000/-		1.5				
3	Water	1.Drinking water plant	1 94 00 000	1,16,00,000	86 45 000	3,96,45,00		
5	Environment	(10nos.) including bore						
	Environment							
		well with solar power						
				(Includes	Drainage			
		including RO & UV in		Cleaning	system along			
		Argada & Hesala			with sewage			
		village- Rs1,70,00,000/-		concrete	pit within			
		2. Sewage treatment			village Hesla			
		plant in village Hesla						
		Rs 60,82,000/-	UV in Argada	of wharf and	treatment			
		3. Rain water harvesting	& Hesala	platforms in	plant in			
		pit	village	pond located	village			
		(@Rs.4lakhs/location)		in each of				
		at Panchayat office of		Argada,	~~/			
		Hesla, Argada,		U U				
			office of Hesla,					
				Maraar				
		Maraar and Phulsarai						
		villages= Rs.24,00,000 /		villages)				
		4. Renovation of Ponds						
	1	(Includes Cleaning/	Maraar and					
		, e	Phulsarai					

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

EC Identification No. - EC22A008JH113341 File No. - J-11011/41/2013-IA-II(I) Date of Issue EC - 07/09/2022 Page 11 of 13

S.	Environment	Activity Description	Tota	l Budgetary P	Provision in R	s.
No.	Component		1 st Year	2 nd Year	3 rd Year	Total
		Lining) and	villages)			
		construction of wharf	C /			
		and platforms in pond				
		located in each of				
		Argada, Hesla, Manuan,				
		and Maraar villages				
		(Rs.2,800,000x4				
		+400,000)				
		=Rs.1,16,00,000/-				
		5. Construction of				
		Covered Drainage				
		system along with				
		sewage pits within				
		village Hesla				
		= Rs.25,63,000 /-				
4	Noise	1. Providing ENT	4,86,000	5,00,000		9,86,000
	Environment	clinic along with Doctor	Ald			
		in Hesla and Argada		(Distribution		
		villages= Rs 4,86,000/-		of Hearing		
		2. Distribution of	Clinic along	Aids to the		
		Hearing aids to the	with Doctor in	needed Sr.		
		needed Sr. Citizens of	Hesla and	Citizens of		
		the Hesla, Maraar and		the Hesla,		
			villages)	Maraar		
		1000x500 person		and Argada		
		=Rs.5,00,000/-		villages)		
	Biological		6,10,000	6,30,000		12,40,000
	Environment	conservation of fauna in	(Funds for	(Free day for		
		Phulsarai Protected	conservation of	(Funds for		
5		Forest to the District	fauna residing	conservation		
	7	Forest	in Naisarai			
			Protected	life in		
		Funds for conservation	forest)	Damodar		
		of aquatic life in		River)		
		Damodar River to the		.57		
		District collector/ Water		100		
		resource Department =				
		Rs. 6,30,000/-	f She			
	1	Total	2,41,81,250	1,64,15,250	1,02,99,000	50895500

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

Table 3: Community Resource Augmentation Plan along with budget

S.	Proposed Activities	Budget (Rs.)			
No.		1 st Year	2 nd Year	3 rd 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	5,08,95,500
	assessment due to violation.	
2.	Natural resource augmentation plan for 3 years	71,00,000
3.	Community resource augmentation plan for 3 years	80,27,000
	Total	~6,60,22,500



Signature Not Verified Digitally signed by Dr. R. B. Scientist E Date: 9/7/20224:38:45 PM Dr. R. B. Lal Page 13 of 13

Olc Annexure - 9 JHARKHAND ISPA ITED ĽЮ VΑ

ADMN. OFFICE

Near P.N. Bank, Main Road, Ramgarh Cantt. Dist. - Ramgarh (Jharkhand) - 829 122 : U34102UP1991PTC012872



WDRKS :

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

CIN Telephone : 06553-226846, 224801, Fax : 226845 E-mail : jiplramgarh@gmail.com

JIPL/2024-25

Ref. No. -------

12/11/2024 Date.....

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

- Request for identifying and providing the location for the installation of facilities Sub: proposed under CER obligation.
- (i) Environment Clearance issued by MoEF&CC, New Delhi, vide Letter No. F. No. Ref: J-11011/41/2013-1A-II (1), Dated- 07-09-2022.
 - (ii) Onr 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.

SI. No.	Activities description	Budget iu 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.	1700000.00
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/ dcsiltation, 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	300000.00
08	Cattle food processing plant with veterinary hospital at Hesla villages	1700000.00
09	Biogas plant in Manuan, Barkakana and Maraar village	2400000.00
1	Total	4,98,13,360.00

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 uo - F. No. J-11011/41/2013-1A-II (I), Dated- 07-09-2022. The compliance of these activities are time

Punga Nond 1th

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 UN Authorized Signatory

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

 District Animal Husbandry Officer, Ramgarh (Jharkhand) – Regarding Point no 8 of the activities detailed above. — Loci ved.

Annexure - 10

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



Jharkhand Ispat Pvt. Ltd.

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

continued by

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EPIC LabTech Pvt. Ltd. Indrapuri, Road No.-8, Ranchi

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	Pollution Control Device	
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	Control Device	
5.	Conclusion	20
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1. Introduction of Piant: -

The unit of Jharkhand Ispat Pvt. Ltd. is situated at vili. & P.O.Hesla, Argada, Ramgarh, Dist. Ramgarh, Jharkhand has GPS Co-Ordinate 23^o 38' 57.24", 85^o 27' 53.78". The unit has installed 4 Rotary kiins of 100 TPD capacity each producing sponge iron (400 TPD). Annual productien from four Rotary Kilns is 120000 Ton Sponge Iron. They Have installed a Captive Power Plant to utilize sensible waste heat energy from the DRi flue gases and dolochar produced in these Kilns, supplemented by coal. The proposed power plant is producing power at a cheaper cost. The Total Capacity of Electricity production is 6 MW and a biliet plant with a capacity of 108000 TPA. The Unit Has installed induction Furnace in Steel Melting Shop. The unit has installed 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 Hęad Mr. Pandab Mahto – Field Monitoring Head



5. Technical Specifications	s of Air Pollution Controis Devices
· specification of Coal (Crusher Bag Filter
Air Volume Supply	10000 m ³ /hr
Bag Size	
Diameter of bag	0.15 m
Length of bag	3.66 m
Each bag filtering area	1.724 m
Existing no. of bags	100 nos.
Total filter area	172.4 m ²
Air to cloth ratio	58.00 m ³ /hr/ m ²
II. Specification of Stock H	
Air Volume Suppiy	
Bag Size	10000 m ³ /hr
Diameter of bag	0.15 m
Length of bag	3.66 m
Each bag filtering area	1.724 m
Existing no. of bags	80.0 • nos.
Total filter area	172.4 m ²
Air to cloth ratio	58.00 m ³ /hr/ m ²
II. Specification of Interme	diate Bin Bag Filter No.1
	I/Bin 1
Air Volume Supply	
Bag Size	10000 m³/hr
Diameter of bag	0.15 m
Length of bag	3.66
Each bag filtering area	1.724 m ²
Existing no. of bags	00
Total filter area	90 nos. 155.16 m ²
Air to cloth ratio	
	64.45 m ³ /hr/ m ²
. Specification of Intermed	liate Bin Bag Filter No. 2
	I/Bin 2
Air Volume Supply	10000 m ³ /hr
Bag Size	
Diameter of bag	0.15 m
Length of bag	3.66 m
Each bag filtering area	1.724 m ²
Existing no. of bags	100
Total filter area	100 nos. 172.4 m ²
Air to cloth ratio	
	58.00 m ³ /hr/ m ²



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Page 4 of 23

Specification of Cooier Discha	rge (1&2) Bag Fiite	r
	CD 1&2	
Air Volume Supply	25000	m³/hr
Bag Size		
Diameter of bag	0.15	m
Length of bag	, 3.66	m
Each bag fiitering area	1.724	m
Existing no. of bags	180.0	nos.
Total filter area	310.3	m²
Air to cioth ratio	80.56	$m^3/hr/m^2$

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

	CD 3&4	
Air Volume Supply	27500	m ³ /hr
Bag Size		
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 fiiter area	310.3	m ²
Air to cloth ratio	88.62	m ³ /hr/ m ²

VII. Specification of Product House No. 1 Bag filter

	Product House-1		,
Air Volume Supply	40000	m³/hr	
Bag Size			
Diameter of bag	0.15	m	
Length of bag	3.66	m	
Each bag fiitering area	1.724	m	
Existing no. of bags	264.0	nos.	
Total filter area	456.8	m ²	
Air to cioth ratio	87.57	m ³ /hr/ m ²	!

VIII. Specification of Product House No. 2 Bag fiiter

	PI	roduct House-	2
Air Volume Supply	40000		m³/hr
Bag Size			
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.
Totai filter area		456.8	m²
Air to cioth ratio		87.57	m ³ /hr/ m ²

V.

-

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

	ESP 1 & 2	
Air volume Supply	80000	m³/hr
No. of Field	2	
Coliecting Electrode Size	8840 x 2246	mm
*Voitage Distance 175 X 175	1	
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 voiume Suppiy	80000	m³/hr
No. of Field	2	
Coilecting Electrode Size	7000 x 500	mm
*Voltage Distance 175 X 175	•	
Collecting electrode Spacing	400	mm
Discharge electrode iength	9000	mm
Transformer capacity	43.99	KVA
*Dictores between collection and discharge als		

*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 Voiume Supply (for two no. of induction furnace)	45000	m3/	hr
Venturi throat diameter	300	mm	WG
Water Consumption	20000-2	2500	L/hr
Fan motor rating	45	KW	
Crucible diameter for the furnace			
For 12 MT capacity	1560	mm	



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4. Performance of Air Pollutiou 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

<u>Description</u>: -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 ³ /hr
Dust Concentration	: -	5175.90 mg/Nm ³

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 ³ /hr
Dust Concentration	:-	27.75 mg/Nm ³

Efficiency of the Bag Filter :- 99.30 %

3



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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

<u>Description</u>: -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	1 -	29°K
Flue Gas Temperature	÷ -	320 °K
Flue Gas Velocity	÷ -	7.89 m/s
Volumetric Flow Rate	: -	9770.48 Nm ³ /hr
Dust Concentration	t	3980.91 mg/Nm ³

Monitoring of flue gas after Bag filter:

Ambient Air Temperature	:-	290 °K
Flue Gas Temperature	1 - 1 - 1	318 °K
Flue Gas Velocity	:-	7.51 m/s
Volumetric Flow Rate	1 -	9356.35 Nm ³ /hr
Dust Concentration	: -	27.58 mg/Nm ³

Efficiency of the Bag Filter: - 99.28 %

T



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

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

<u>Description</u>: -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 ^o K
Flue Gas Velocity	: -	21.90 m/s
Volumetric Flow Rate	1 -	19633.48 Nm ³ /hr
Dust Concentration	:-	3310.79 mg/Nm ³

Monitoring of flue gas after Bag filter:

Ambient Air Temperature	: -	292 ⁰ K
Flue Gas Temperature	: -	440 °K
Flue Gas Velocity	: -	19.96 m/s
Volumetric Flow Rate	: -	17980.82 Nm ³ /hr
Dust Concentration	: -	21.89 mg/Nm ³

Efficiency of the Bag Filter :- 99.34 %



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

Date of Sampling	: -	22-01-2024
Stack attached to	1 -	Bag Filter
Stack height from G.L.	:-	30 m
Stack Diameter at Port hole	1 -	0.7 m

<u>Description</u>: -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 ºK
Flue Gas Temperature	1-	443 ºK
Flue Gas Velocity	:-	23.24 m/s
Volumetric Flow Rate	- :-	20794.66 Nm ³ /hr
Dust Concentration	: -	3155.01 mg/Nm ³

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 ³ /hr
Dust Concentration	:-	18.05 mg/Nm ³

Efficiency of the Bag Filter :- 99.42 %

2



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V. Intermediate Bin Bag Filter-1 Performance

Date of Sampling	:-	22-01-2024
Stack attached to	1-	Bag Filter
Stack height from G.L.	: -	30 m
Stack Diameter at port hole	: -	0.7 m

<u>Description</u>: -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:

1 -	289 °K
: -	428 °K
1 -	8.71 m/s
: -	8061.64 Nm ³ /hr
:-	2078.88 mg/Nm ³
	:- :- :-

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 ³ /hr
Dust Concentration	: -	23.09 mg/Nm ³
Efficiency of the Bag Filter	:-	98.88 %



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VI. Intermediate Bin Bag Filter 2 Performance

Date of Sampling	1 -	23-01-2024
Stack attached to	: -	Bag Filter
Stack height from G.L.	: -	30 m
Stack Diameter at port hole	: -	0.7 m

<u>Description</u>: -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 ³ /hr
Dust Concentration	: -	2359.77 mg/Nm ³

Monitoring of flue after Bag filter: •

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

Efficiency of the Bag Filter :- 99.08 %

1



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		
statent branneter at port noie		0.7 m

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

Monitoring of flue after Bag filter:

Ambient Air Temperature	2 -	294 °K
Flue Gas Temperature	3 -	390 °K
Flue Gas Velocity	: -	22.69 m/s
Volumetric Flow Rate	: -	22850.26 Nm ³ /hr
Dust Concentration	:-	22.69 mg/Nm ³
Efficiency of the Bag Filter	:-	99.42 %

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VIII. Product House -2 Bag filter Performance

Date of Sampling		23-01-2024
Stack attached to	•	
	: -	Bag Filter
Stack height from G.L.		-
Of 1 D:		30 m
Stack Diameter at port hole	·	0.7 m
Post Mole	• -	0.7 m

<u>Description</u>: -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 Nm3/hr
Dust Concentration	: -	3954.62 mg/Nm3

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		22.04 III/S
Dust Concentration		22510.44 Nm ³ /hr
	2 -	23.32 mg/Nm3

Efficiency of the Bag Filter :- 99.38 %

E



IX. ESP-1 Performance

Date of Sampling	: -	24-01-2024
Stack attached to	2-	ESP-1
Stack height from G.L.	: -	55 m
Stack Diameter at port hole	å =	1.8 m

Description: -Pollution Control Equipment ESP-1attached 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 ºK
Flue Gas Temperature	: -	428 °K
Flue Gas Velocity	:-	3.44 m/s
Volumetric Flow Rate	: -	79829.86 Nm ³ /hr
Dust Concentration	: -	15268.62 mg/Nm ³

Monitoring of flue gas after ESP:

Ambient Air Temperature	: -	293 °K
Flue Gas Temperature	:-	365 ºK
Flue Gas Velocity	: -	11.09 m/s
Volumetric Flow Rate	: -	79596.54 Nm ³ /hr
Dust Concentration	2 -	29.75 mg/Nm ³
Efficiency of the ESP	; -	99.80 %



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X. ESP-2 Performance

:-	24-01-2024
:	ESP-2
	55 m
: -	1.8 m

<u>Description</u>: -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:

: - I	294 ^o K
: -	429 °K
: -	12.98 m/s
: -	79310.2 Nm ³ /hr
: -	14849.69 mg/Nm ³
	:- :- :-

Monitoring of flue gas after ESP:

Ambient Air Temperature	:-	292 °K
Flue Gas Temperature	:-	364 ºK
Flue Gas Velocity	: -	11.0 m/s
Volumetric Flow Rate	: -	79201.18 Nm ³ /hr
Dust Concentration	: -	2.17 mg/Nm ³
Efficiency of the ESP		99.81 %



XI. ESP-3 Performance

TP.

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

<u>Description</u>: -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 ^o K
Flue Gas Velocity	2 -	12.81 m/s
Volumetric Flow Rate	: -	78617.29 Nm ³ /hr
Dust Concentration	:-	15255.02 mg/Nm ³

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	:-	the second secon
Dust Concentration	: -	27.23 mg/Nm ³
Efficiency of the ESP	:	99.82 %



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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	2 -	1.8 m

<u>Description</u>: -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 ³ /hr
Dust Concentration	: -	15381.40 mg/Nm ³
Monitoring of flue gas after	ESP:	
		•
Ambient Air Temperature	:-	293 ºK
Flue Gas Temperature	: -	359 °K
Flue Gas Velocity	: -	10.78 m/s
Volumetric Flow Rate	: -	78724.11Nm ³ /hr
Dust Concentration	:-	28.04 mg/Nm ³
		,
Efficiency of the ESP	: -	99.81 %
	-	



XIII.

I. 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

<u>Description</u>: -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	1 -	453 ^o K
Flue Gas Velocity	: -	18.78 m/s
Volumetric Flow Rate	:-	16427.80 Nm ³ /hr
Dust Concentration	:-	1385.51 mg/Nm ³

Monitoring of flue gas after Venturi Scrubber:

Ambient Air Temperature	: -	290 °K
Flue Gas Temperature	: -	330 ºK
Flue Gas Velocity	; -	11.82 m/s
Volumetric Flow Rate	1 -	14194.16 Nm ³ /hr
Dust Concentration	:-	28.67 mg/Nm ³

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

Stack Attached to	Air Volume	Inlet dust concentration	Outlet duct concentration	Efficiency of APC
	m ³ /hr	mg/Nm ³	mg/Nm ³	%
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	B0000	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	1 45000	1385.51	28.67	97.93

The Summary of adequacy of each Air Pollution Control System



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Fig.1 DRi Section



Fig. 2 WHRB Area

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Fig. 3 ESP Front View

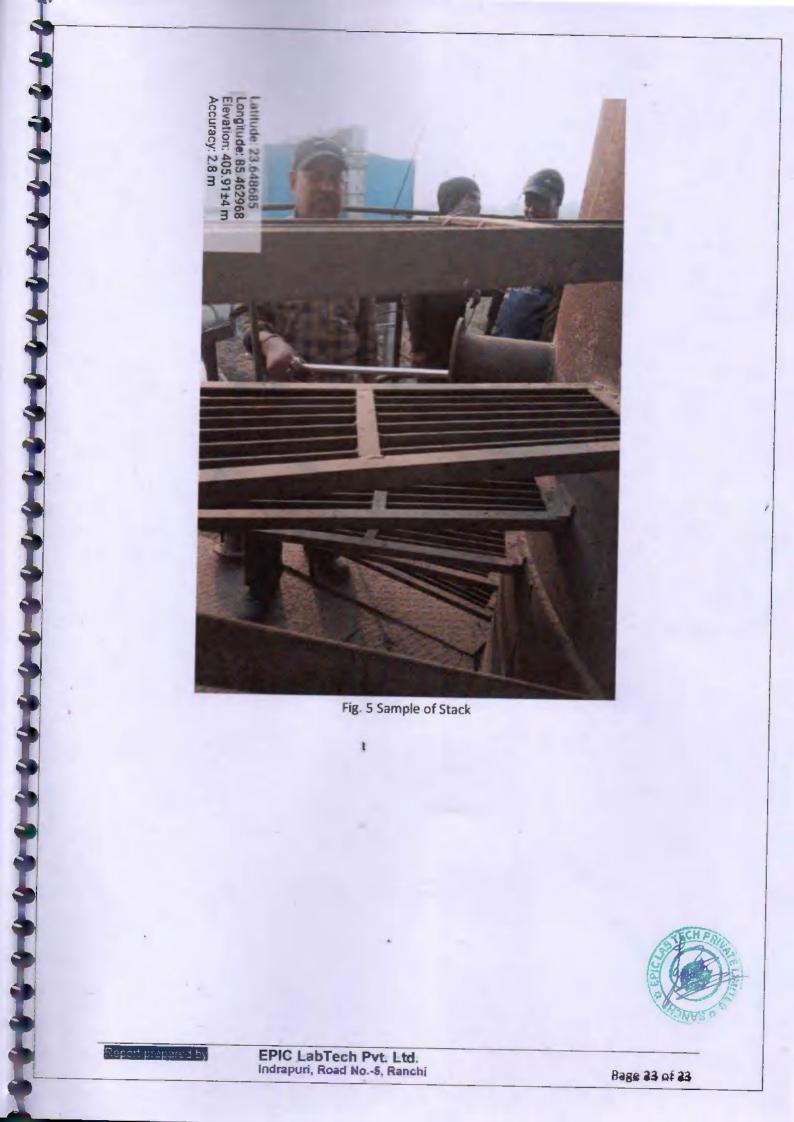


Fig. 4 ESP Another Side View



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Page 22 of 23



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Accredited by :-

EPIC LabTech Private Limited

NABL vide certificate Number TC- 12887



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	ARKHAND		Contact Nu	mber	93372	9337292105			
2112				Email id		jiplleg	al@gmail.com		
Ord	ier Number 189	84256		Order Date			1.2024/ 07:57	,	
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_	stomer Registration No.	EPIC/PCB/0391		Sample Boo	king N	umber	EPIC-241512	-	
	nple(s) Code	241512	- 0	Sample Red	-		09.04.2024/ 13:	51	
	mpling References								
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	ather condition Cle		3	1 Humidity %	6	42 Wi	nd direction	3600	
Sar	mpling Location(s) wit	h GPS coordinate(s)						-	
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			ield Ob	servations				1	
	Field observation by I				Data	provided	by customer		
	form	Permanent		ype of fuel Used	land		Coat 300TPD		
	k Description (Shape & Mate ppling port hole	rial) Circular/ Metal		Juantity of Fuel U otal production	200TPD				
_	ution Controlling Device (if a			Height of Stack from ground level			55.0m		
	ssion Source	Rotary Kiln		Inner Diameter of Stack			1.8m	1.8m	
	al Number of Oven (if any)	N/A		Height of port hole from Ground					
	ning Oven during sampling (D fan capacity of		14.1	N/A		
	it start date/time	09.04.2024/ 14:0	5 1	Test completion date/		Results	12.04.2024/ 16 Limits		
SI	Parameters Stack gas Velocity	Test Method IS 11255 (Part 3)2018		Units m/s		15.21	Linits	1	
2.	Volumetric Flow Rate	IS 11255 (Part 3)2018		Nm³/hr	. 8	9812.71	-		
3.	Particulate Matter (PM)			mg/Nm ³		26.52	30.0		
4.	Sulphur Dioxide (SO ₂)	IS 11255 (Part 2)2019	ALC L	mg/Nm ³		83.02	-		
5.	Oxides of Nitrogen (NO			mg/Nm ³	13.	49.47	_		
-			***Test n	esult End ****					
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		ould be communicated in writing w . Ltd. will be limited to invoiced am			iabtech@g	mail.com)			
	All disputes are subjected to Ranc	hi Jurisdiction and maximum liabili	ity of the I	laboratory does not i					
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LabTech Pvt. Ltd.

EPIC LabTech Private Limited

NABL vide certificate Number TC- 12887

Jharkhand State Pollution Control Board

ISO 9001:2015 and tSO 45001:2018

TC-12887

Analytical Test Report

Accredited by :-

Certified by :-

	Report No.	TC12887	2400000287									
Report Uni	que ID	RP03912	41513			issu	e date/t	ime	13.04.2024	4/ 16:59		
Discipline	Chemical	Group	Atmospheric I	Pollution		Sub	Group	Stack Emission				
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-	LA, PO: ARG						+					
JHARKHAND					tact Num	iber	93372	29210	>			
	Em	ail Id		jiplieg	al@gr	nall.com						
Order Num	ber 18 9	Ord	er Date		06.04	.2024	4/ 07:57					
Reference			nt System (Steps o	f Traceabili	v Chain)	_	1					
	legistration No	-	C/PCB/0391		nple Book	cina Nu	mber	EPIC	-241513			
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, , ,	References		-			(-·						
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Neather con			mperature (°C)	31 H	umidity %	1	12 Wi	nd direc	tion	360°-180°		
	Location(s) w				Germancy 70		1.5m VVI			,		
S. Location			ached With WHR	B3841	GPS a	oording	to 12	20 2.97 /	9.86"/ 85º 2	7' 50 62"		
S. LOCALION	For noie (JIACK-Z ALL				COLUMNS		J° JO 4	100 / 00° Z	1 00.02		
Field	l observation by	laboratory		Observat	IOUS	Data	providad	hu cueto	mor			
Platform	UDSETVATION DY		rmanent	Type of	Data provided by customer Type of fuel Used Coal							
	tion (Shape & Ma		cular/ Metal	Quantity of Fuel Used 300TPD					-			
Sampling por			ailable	Total production Capacity 200TPD								
	rolling Device (if	any) ES	P	Height of Stack from ground level 55.0m								
Emission Sour			tary Kiln	Inner Diameter of Stack 1.8m Height of port hole from Ground level 25.0m								
	of Oven (if any)	N/					ound level		25.0m			
	during sampling				ID fan capacity of PCD N/A Test completion date/time 12.04					C. 14		
	start date/time		09.04.2024/ 14:15			C			12.04.2024/ 1	-		
	Parameters		Test Method				Units m/s		tesults		Limits	MU %
	as Velocity		IS 11255 (Part 3)2018		1		16.26 2848.72		-	-		
	Volumetric Flow Rate Particulate Matter (PM)		5 (Part 3)2018	Nm		The Bands	28.00		20.0	-		
	and the second sec		IS 11255 (Part 1)2019 IS 11255 (Part 2)2019		mg/Nm ³ mg/Nm ³		20.00 99.63		30.0	-		
	r Dioxide (SO _z) of Nitrogen (NG		5 (Part 7)2019	mg/			99.03 55.66		-			
J. TOXINES	or man ogen (M	2x1 13 1123		est result En			99.00	1		-		
Prescribed	Limit	As pe	r EC Condition.									
Remarks	Ehter		was operational dur	ring sampli	ng,	T-						
 Test perform Laboratory i The Test rep Any complex Total ifability All disputes Opinion doe When the re Analys 	ry accepts responsi- led at laboratory's pr s maintaining, Temp fort shall not be repri- nt about this report s of EPIC LabTech P are subjected to Rar s not imply endorser sults are from exterr ed by – A.K. Sint	ermanent facility erature 25 ± 2°(oduced full or in should be comm vt. Ltd. will be fu nchi Jurisdiction ment of the teste nal provider are ha	r and results relate only to and Relative Humidity - part & can't be used as unicated in writing within mited to invoiced amount and maximum liability of ed product by laboratory. marked as * mark.	45 ± 5 % in al proof in the c 7 days of its t only. The laborator Under no cin	I testing erea purt of law. issue (<u>epiclai</u> y does not ex umstances, l	es per IS btech@gn ceed the laboratory	196:1966 nail.com) testing and s accepts any	caused I	y use or misuse	etop)		
Horato	e Seal		(B.N. Kumar) Technical Head apuri, Road N 4973994					(Umesi Laborato	Issue by Des) Autead Autead	Signators		

Annexure - 12



Jharkhand Ispat Pvt Ltd Photographs of Ambient Air Quality Monitoring Station





NABL vide certificate Number TC- 12887 Jharkhand State Pollution Control Board

tSO 9001 2015 and ISO 45001.2018

Annexure - 13^{C-12887}

Analytical Test Report

Accredited by :-

Certified by :-

Unique Lab Report No.	TC1288	724000	000786	Disc	ipline		Chemi				
Report Unique ID	RL0077	244609	e al la compañía de la	Group				pheric	Poli	ution	
Issue date/time	15.11.2	15.11.2024/ 11:20 Sub Group				Fugitive Emission					
Report Issue to				-							
M/s - JHARKHAND	Сол	tact Per	ION	Mr. Ma	anoj K	umai	T				
Vill. & PO – HESLA, ARGADA DISTRAMGARH, JHARKHAND-829101					tact Nun	aber	+91 9	33729	2105	5	
and the second				Ema	ail Id	L Tech Pre-	jam.e	nv201	B@gr	mail.com	
Order Number	JIPL/2	023-24	ł	Ord	er Date	and a set of the set	05.04	.2024	/ 12	2:30	
References of Quality	Management	System	(Steps of Tr	aceabili	ty Chain)	and the second second	10000			1	
Customer Registration No.	EPIC/OT	FH/0077		San	ple Bool	king Number	EPIC-2	44609			
Sample(s) Code	244609-	(A), (B)		San	ple Reci	eipt (D/T)	12.11.2	2024/1	1:20	-	
Sampling References		100				1.2					
Type of Industry	Sponge	Iron		Ref.	of Samp	aling Plan	EPIC/L	EPIC/LAB/R/036			
Sampling method used	IS 5182	and CPC	B Air Mar	ual Ve	olume -	1 (NAAQM/	36/2012-13)	1.1	- 1		
Sampling Start (D/T)	11.11.20	24/09:0	0	San	pling En	d (D/T)	11.11.2024/ 17:40				
Mode of Sampling	Conduct	ed by iab	oratory	San	ple colle	cted by	Mr. Bin	Mr. Birsing Mahto & team			
Description/condition of sa	nple	Receipt	sample(s) were	fit for a	nalysis			100		
Environmental Conditi	on during sa	mpling		1.1	-						
Weather condition Cle	ar Temperat	ure (°C)	29	Нил	nidity %	65	Wind di	find direction 30°-150°			
Sampling Location(s)	with GPS coo	rdinate(s)			Thus.			-		
	way from Rav					coordinate		23º 38' 56.98"/ 85º 27' 49.05			
	way from Pr			ea	GPS	coordinate	23º 38'	56.15"/	85º 2	7' 54.13"	
Date(s) of performance				-			1 4 4 4 4 4	00114	0.00		
Test start date/time	1 12.11.20	24/ 11:3	5	1 851	comple	tion date/time	14.11.2	024/ 1.	2:00	-	
SI Tested Parameters		Method I	used		Unit	Resu		Limi	ts	MU%	
Duran and a d Dansieur			1.1	AMP.	C	A	В			-	
1. Suspended Particu (SPM)	ate Matter	IS:5182	(P-04) 20)19 esult Enri	µg/m ³	1934.88	1700.89	200	0	± 0.44	
Prescribed Limit	Environm	ental (Pro	stection) Ru	les-19	86, Sche	edute I, Serial	No. 99				
Operational Status	Unit was	operation	al during sa	ampling	g.	TC					
Remarks					ALC: NO	scribed limit.					

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 ± 2⁶C 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 (<u>epiclabtech@gmail.com</u>)

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 endorsemont of the tested product by laboratory. Under no circumstances, laboratory accepts any csused 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

ið Verified & Issue by Authorized Signatory (Umesh Das) EPIC LabTech PvL Ltd. Laboratory Head Ranchi, Jharkhand

	/EPIC	edited by :-	NABL vide certificate Nu Jharkhand State Pollution 150 9001:2015 and 150 4	n Control E					TC-1
rtica	l Test Report				-	Δ	nne	- xure	14
Unig	ue Lab Report No.	TC1288	72400000302					Auro	
Rep	ort Unique ID	RL0041	241507		ls	sue date/tin	ne	22.04.2024	/ 12:2
Disc	ipline Chemical	Group	Water		Si	b Group	Groun	dwater	
	ort Issue to	-							
	- JHARKHAND ISP		VATE LIMITED	Conta	ct Persor	Mr. M	anoj Ki	umar	
	& PO - HESLA, ARG		020101	Confa	ct Numbe	er +91 9	33729	2105	
DIS	TRAMGARH, JHAR	KHAND-	.829101						
0.1	- Marine Lawrence	1000		Email		-		3@gmail.com	1
_	the second s	/2024		Order		05.04	1.2024	/ 11:15	
	erences of Quality Ma		PIC/OTH/0041	-		g Number	EPIC-	241507	-
	tomer Registration No. ple(s) Code		1507		le Receip			2024/ 11:20	
	pling References	24	1907	Joanny	in theory		100.04		
-		onge tro	<u> </u>	Ref o	f Samplir	a Plan E	PIC/LA	B/R/036	
	pling method used		5 (Part-1) 1987, R-20			. <u></u>			
-		04.2024/			ling End	D/T) 08	3.04.202	4/ 09:25	-
		ducted b	by Laboratory	Samp	le collect	ed by Mi	r. Janaro	dan Kumar & te	eam
Desc	cription/condition of sal	mple	Receipt sample(s)	were fit	for analy	Sis.			
Envi	ironmental Condition	during :	sampling						
	ther condition Cloudy		emperature (°C) 27	7 Hum	nidity %	65 W	ind direct	ion 270°-9	00
	pling Location(s) wit	h GPS c	oordinate(s)						
S.14								1.20	
-	ocation A Borewell				PS coord	the second se		2"/ 85º 27' 46.	23"
Test	start date 09.0	04.2024/	11:28 Test		ion date	11.04	1.2024/	14:10	
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Test Si	start date 09.0 Test Parameters	94.2024/	11:28 Test Method used	complet 9	ion date Unit	11.04 Resu	1.2024/ its 00	14:10	ML ±0
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Test Si 1. 2.	start date 09.0 Test Parameters Conductivity Turbidity	04.2024/	Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198	complet 9 4 2	ion date Unit µs/cm	11.04 Resu 1440. 2.04	4.2024/ its 00 4 0	14:10 Limits - 5	Mil ±0 ±11 ±0
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Test Si 1. 2. 3. 4. 5. 6. 7. 8.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca)	ds (TDS) aCO3)	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-16) 202 IS 3025 (P-40) 199 IS 3025 (P-40) 199	complet 9 4 2 1 8 7 3 3 1 9	ion date Unit µs/cm NTU - Hazen - mg/i mg/i	11.04 Resu 1440. 2.04 07.2 10 Agrees 774.0 132.2	1.2024/ its 00 4 0 able 00 26 00	14:10 Limits - 5 6.5-8.5 15 Agreeable Agreeable 2000 200	Mil ±0 ±11 ±0 ±22 ±0 ±22 ±10 ±22 ±10 ±22 ±10 ±10 ±10 ±10 ±12 ±15
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Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori	ds (TDS) aCO ₃) CaCO ₃)	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-16) 202 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-32) 201 IS 3025 (P-32) 201 IS 3025 (P-26) 198	complet 9 4 2 1 8 7 3 3 1 9 9 9 9 6	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Resu 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD	1.2024/ its 00 1 0 able able 00 26 00 25 L-0.4)	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000	ML ±0. ±11 ±0. ±22 ±12 ±10. ±2. ±15 ±0. ±2. ±3.
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori Sulphate (as SO ₄)	ds (TDS) aCO ₃) CaCO ₃)	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21') 200 IS 3025 (P-32) 201 IS 3025 (P-26) 198 IS 3025 (P-24/Sec-	complet 9 4 2 1 8 7 3 3 1 9 9 9 9 6 6 1)2022	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Resu 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0	1.2024/ its 00 1 0 able able 00 26 00 25 L-0.4) 0	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400	ML ±0 ±11 ±22 ±22 ±10 ±20 ±10 ±15 ±0 ±2 ±15 ±0 ±2 ±15 ±0 ±2 ±15
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori Sulphate (as SO ₄) Magnesium (as Mg)	ds (TDS) aCO ₃) CaCO ₃)	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-24) 202 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2	complet 9 4 2 1 8 7 3 3 1 9 9 9 6 6 1)2022 2023	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Resu 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0	1.2024/ its 00 1 0 able able 00 26 00 25 L-0.4) 0 0	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400 100	ML ±0. ±11 ±0. ±22 ±10. ±2. ±15 ±10. ±2. ±13. ±10. ±11.
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori Sulphate (as SO4) Magnesium (as Mg) Nitrate (as NO3)	ds (TDS) aCO ₃) caCO ₃) ne	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21) 200 IS 3025 (P-32) 201 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2 APHA 4500 B 202	complet 9 4 2 1 8 7 3 1 9 9 9 9 6 6 1)2022 2023 3	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Result 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0 2.38	1.2024/ its 00 1 0 able able able 00 26 00 25 L-0.4) 0 3	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400 100 45	Mil ±0. ±111 ±0. ±222 ±10. ±20. ±10. ±22. ±15. ±0. ±22. ±15. ±0. ±22. ±15. ±0. ±10. ±11. ±10. ±11. ±11. ±11. ±11.
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori Sulphate (as SO ₄) Magnesium (as Mg)	ds (TDS) aCO ₃) caCO ₃) ne	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21) 200 IS 3025 (P-32) 201 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2 APHA 4500 B 202	complet 9 4 2 1 8 7 3 1 9 9 9 9 6 6 1)2022 2023 3	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Result 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0 2.38	1.2024/ its 00 1 0 able able able 00 26 00 25 L-0.4) 0 3	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400 100 45	Mil ±0. ±111 ±0. ±222 ±10. ±20. ±10. ±22. ±15. ±0. ±22. ±15. ±0. ±22. ±15. ±0. ±10. ±11. ±10. ±11. ±11. ±11. ±11.
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori Sulphate (as SO4) Magnesium (as Mg) Nitrate (as NO3)	ds (TDS) aCO ₃) caCO ₃) ne	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21) 200 IS 3025 (P-32) 201 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2 APHA 4500 B 202	complet 9 4 2 1 8 7 3 1 9 9 9 9 9 6 1)2022 2023 3 ements-A	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Result 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0 2.38	1.2024/ its 00 1 0 able able able 00 26 00 26 00 25 L-0.4) 0 3 24/11:15	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400 100 45	Mil ±0. ±111 ±0. ±222 ±10. ±20. ±10. ±22. ±15. ±0. ±22. ±15. ±0. ±22. ±15. ±0. ±10. ±11. ±10. ±11. ±11. ±11. ±11.
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Re	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori Sulphate (as SO ₄) Magnesium (as Mg) Nitrate (as NO ₃) esidues and Contamina	ds (TDS) aCO ₃) caCO ₃) ne	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21) 200 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2 APHA 4500 B 2023 ater- Trace Metals Eie APHA 4500 B 2023	complet 9 4 2 1 8 7 3 1 9 9 9 9 6 1)2022 2023 3 ements-A	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Resu 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0 2.38 m 09.04.202	1.2024/ its 00 1 0 able able 00 able 00 26 00 25 L-0.4) 0 0 23 24/11:15 DL-0.2)	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400 1.0 400 1.0 400 1.0 45 5 to 18.04.202	ML ±0 ±11 ±0 ±22 ±10 ±2 ±15 ±0 ±12 ±3 ±0 ±1 ±1 ±0 ±1 ±0 ±1 ±0 ±1 ±0 ±1 ±0 ±1 ±0 ±10 ±1
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Re 16.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Hardness (as C Chloride (as Ct) Free Residual Chlori Sulphate (as SO ₄) Magnesium (as Mg) Nitrate (as NO ₃) esidues and Contamina	ds (TDS) aCO ₃) caCO ₃) ne	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21') 200 IS 3025 (P-26) 198 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2 APHA 4500 B 2023 ater- Trace Metals Elector APHA 3111 B 2023	complet 9 4 2 1 8 7 3 3 1 9 9 9 9 6 1)2022 2023 3 ements-A 3 9	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Resu 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0 2.38 m 09.04.202 BDL(MI	1.2024/ its 00 1 0 able able able 00 26 00 26 00 25 L-0.4) 0 23 24/11:1: DL-0.2) 33	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400 1.0 400 100 45 5 to 18.04.202 1.5	Mil ±0 ±11 ±0 ±22 ±10 ±20 ±10 ±22 ±10 ±10 ±20 ±10 ±10 ±10 ±10 ±10 ±10 ±10 ±1
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Re 16. 17.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Alkalinity(as Ca Total Hardness (as C Chloride (as Cl) Free Residual Chlori Sulphate (as SO ₄) Magnesium (as Mg) Nitrate (as NO ₃) esidues and Contamina Copper(as Cu) Iron (as Fe)	ds (TDS) aCO ₃) caCO ₃) ne	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21) 200 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2 APHA 4500 B 2023 ater- Trace Metals Elect APHA 3111 B 2023 APHA 3111 B 2023 APHA 3111 B 2023	complet 9 4 2 1 8 7 3 1 9 9 9 6 1)2022 2023 3 ements-A 3 9 9 9 6 1)2022 2023 3	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Result 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0 2.38 m 09.04.202 BDL(MI 0.3	1.2024/ its 00 1 0 able able 00 able 00 26 00 26 00 25 L-0.4) 0 02 24/11:15 0L-0.2) 33 0L-0.3)	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 1000 1.0 400 1.0 400 100 45 5 to 18.04.202 1.5	ML ±0. ±11 ±0. ±22 ±10. ±2. ±10. ±2. ±15. ±0. ±2. ±15. ±0. ±1. ±0. ±1. ±1. ±0. ±1. ±1. ±1. ±1. ±1. ±1. ±1. ±1. ±1. ±1
Test Si 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. Re 16. 17. 18.	start date 09.0 Test Parameters Conductivity Turbidity pH value at 25°C Colour Odour Taste Total Dissolved Solid Calcium (as Ca) Total Alkalinity(as Ca Total Alkalinity(as Ca Total Hardness (as C Chloride (as Ct) Free Residual Chlori Sulphate (as SO ₄) Magnesium (as Mg) Nitrate (as NO ₃) esidues and Contamina Copper(as Cu) Iron (as Fe) Lead (as Pb)	ds (TDS) aCO ₃) caCO ₃) ne	11:28 Test Method used IS 3025 (P-14) 201 IS 3025 (P-10) 198 IS 3025 (P-10) 198 IS 3025 (P-11) 202 IS 3025 (P-04) 202 IS 3025 (P-05) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-07) 201 IS 3025 (P-23) 201 IS 3025 (P-23) 201 IS 3025 (P-21') 200 IS 3025 (P-26) 198 IS 3025 (P-26) 198 IS 3025 (P-26) 198 IS 3025 (P-24/Sec- APHA 3500 Mg E 2 APHA 4500 B 2023 APHA 3111 B 2023 APHA 3111 B 2023 APHA 3111 B 2023 APHA 3111 B 2023	complet 9 4 2 1 8 7 3 3 1 9 9 9 9 9 6 6 1)2022 2023 3 ements-A 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	ion date Unit µs/cm NTU - Hazen - mg/i mg/i mg/i mg/i mg/i mg/i mg/i mg/i	11.04 Resu 1440. 2.04 07.2 10 Agreea 774.0 132.2 148.0 366.0 138.9 BDL(MD 90.0 36.0 2.38 m 09.04.202 BDL(MI 0.3 BDL(MI	i.2024/ its 00 4 0 able able 00 26 00 26 00 25 L-0.4) 0 24/11:1: DL-0.2) 32 DL-0.3) DL-0.5)	14:10 Limits - 5 6.5-8.5 15 Agreeable 2000 200 600 600 600 1000 1.0 1.0 400 1.0 400 1.0 400 1.0 45 5 to 18.04.202 1.5 1.0 -	M(±0 ±11 ±0 ±22 ±10 ±22 ±10 ±2 ±15 ±2 ±5 ±2 ±2

abTech Pvt. Ltd

EPIC LabTech Private Limited



Certified by :-

Accredited by :-NABL vide certificate Number TC- 12887 Jharkhand State Pollution Control Board ISO 9001:2015 and ISO 45001:2018

Analytical Test Report

Unique Lab F	Report No.	TC12887	24000000302						
Report Unique ID RL0041			0041241507 iss				ne	22.04.2024/ 12:28	
Discipline	Chemical	Group	Water	Sub Group Grou		Groun	dwater		
Report Issu	e to								
			ATE LIMITED	Contact Per	son	Mr. Manoj Kumar			
Vill. & PO - DISTRAM			29101	Contact Number		+91 9337292105		2105	
				Email Id	1.00	jam.e	nv2018	@gmail.com	
Order Numb	er JIF	L/2024-2	25	Order Date		05.04	4.2024	/ 11:15	

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
	-Toct result Fi	od_			

Prescribed Limit	IS 10500:2021	
Remarks	Unit was operational during sampling.	

Contractual Notes

1. The laboratory accepts responsibility for content of this report.

2. Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time

3. Laboratory is maintaining, Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1966

4. 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) 5.

6. Total liability of EPIC LabTech Pvt/ Ltd. will be limited to invoiced amount only. 7. All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges

8. 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. 9.

Analysed by - Pratima Kumari/ Nisha Kumari

LabTech Pvt. Ltd.



Checked by (B.N. Kumar) **Technical Head**

EPIC

Verified & Issue by

(Umesh Das) Laboratory Head

Authorized Signatory EPIC LabTech Pvt. Ltd. Ranchi, Jharkhand

Page 2 of 2



EPIC LabTech Private Limited CIN:-U74999JH2022PTC019685

Certified by :-ISO 9001:2015 (Quality Management System). ISO 45001:2018 (Occupational Heatth & Safety Management System) Jharkhand State Pottution Control Board Accredited by :-

Ana

Report Uni	que iD	RL	004124	41507		-	Issue o				.2024/ 1	12:43	
Discipline	Chemic	al G	oup Water				Sub G	oup	Gro	undwate	er	-1.5	
Report Issu	ie to											t	
				ATE LIMIT	TED	Contact Pe	erson	Mr. M	lanoj	Kumar			
VIII. & PO DISTRAN				20101	T	Contact Nu	t Number +91 933729						
D131,-KAP	INARIT, JE	IAKKU	AND-0	29101		Email Id					nail com		
Order Num	or 1	IPL/2	074-5	15		Order Date	2			24/11			
				t System (Ste	ons of Trace			03.0	7.203				
Customer R				C/OTH/0041		Sample Bo		mber	EPI	C-24150)7		
Sample(s) (241507			Sample Re				4.2024			
Sampling I													
Type of Ind			ge Iron			Ref. of Sar	mpling Pla	an E	EPIC/L	AB/R/0	36		
Sampling m	ethod used	IIS	: 3025	(Part-1) 198	7, R-2003	3							
Sampling S	art (D/T)	08.04.	2024/ 0	9:20		Sampling I	End (D/T)	0	8.04.20	024/ 09:	25		
Mode of Sa	mpling	Condu	ducted by Laboratory			Sample co	llected by	M	r. Jana	ardan K	umar & te	eam	
Description	condition o	f sampl	le	Receipt sa	mple(s) v	vere fit for a	analysis.	-				1.000	
Environme	ntal Cond	tion du	iring sa	mpling			1999						
Weather con	dition C	oudy	Ter	nperature (°C)	27	Humidity	% 65	W	find dire	ection	2700-9	00	
) with G	SPS co	ordinate(s)								-	
S. Location		-					coordinate			-	50 27' 46.	23"	
Test start d	ate	09.04.2	024/1	1:28	Test co	mpletion of	late	11.0	4.2024	/ 14:10		1	
SI Test	Parameter	s	Meth	od used		Unit		Resul	ts		limits	MU%	
1. Phos	ohate (as F	O4)	IS 30	25 (P-24/Sec	-1) 2022	mg/l	0.075	0.65			-	-	
2. Fluor	de (as F)	-	APH/	4500 F-C 2	023	mg/l	BD)L(MDL	-0.01)		1.5	-	
	de (as CN			4500 CN -		mg/i		DL(MD			-	-	
Residues	and Conta	minants	in Wat	er-Trace Me	tals Elen	nents-Analy	sis on 09	.04.20	24/11	:15 to 1	8.04.202	4/ 15:48	
4. Merci	ury (as Hg)		APH	A 3112 B 202	3	mg/l	BD	L(MDL-	0.005)		-	-	
5. Alum	nium(as Al), Test	IS 30	25 (P-55) 20	03	mg/l	BI	DL(MDL	0.1)		0.2	-	
			1.	A ALL A CONTRACTOR OF A CONTRA	and the second se	ult End -							

Unit was operational during sampling.

Contractual Notes

Remarks

9.

The laboratory accepts responsibility for content of this report. 1.

2 Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time

3. 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. 4

Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com) 5

6. 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

8. 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



Cbecked by (B.N. Kumar) **Technical Head**

9304973994

Verified & Issue by

(Urnesh Das) Laboratory Head

Authorized Signatory EPIC LabTech Pvt. Ltd.

Ranchi, Jharkhand

Fig = B·K· FEIRGIRL IRREARDEL BRAR NR. = R. BARERI, JRAEDRAH = RAANAR, IRAIA 60651 4666392

9304973994

epiclabtech@gmail.com



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

Repo	ort Uniq	ue ID	RL00412	4150	8		Issue	e date/tii	me	22.04.2024/ 12:4		
Disc	ipline	Biological	Group	W	ater		Sub	Group	Grou	ndwater		
Repo	ort Issu	e to		-					-			÷
				VATE	LIMITED	Contact Pe	erson	Mr. M	lanoj K	umar		
		HESLA, AF GARH, JHA		11	Contact Nu	Imber	+91 9	933729	2105	-	_	
0131	-NAPA	JANI, JIA		Email Id	jam.env2018@gmail.com							
Orde	r Numbe	er JTF	L/2024-	25		Order Date	2	-		4/ 11:1		_
			-		tem (Steps of	Traceability Chain)		1				
-		gistration N	_		H/0041 ·	Sample Bo		lumber	EPIC	-241508		
	ple(s) C	~		508		Sample Re			09.04	.2024/ 1	1:25	
		eferences	-									
-	of Indu		ponge Iron		-	Ref. of Sar	npling f	Plan E	PIC/LA	B/R/036		
	1.01	thod used			-1) 1987, R-2							
			3.04.2024/ 0			Sampling I	End (D/	T) 08	3.04.202	24/ 09:25	5	
Mode	e of Sam	pling C	onducted by	/ Labo	oratory	Sample co	llected	by M	r. Janar	dan Kun	nar & te	am
Desc	ription/c	ondition of s				s) were fit for a	analysis				_	
Envi	ronmen	tal Conditio	on during s	ampli	ng			•			100	
	her cond					27 Humidity	% 65	5 W	ind direc	tion	2700-90)a
Sam	pling Lo	ocation(s) w	rith GPS co	ordin	ate(s)	1	-	-				
S. Lo	cation A	Borewell				GPS o	oordina	te 23º	38' 53.9	92"/ 85° :	27' 46.2	23"
Test	start da	te 09	.04.2024/ 1	1:28	Test compl	etion date		16.04	4.2024/	14:10		
SI	Test P	arameters	Method u	sed	Unit	Results			Limi	its		MU%
1.	Total C	oliform	IS 1622-2	000	MPN/100	BDL(MDL-1	.8)	Shall not b	Shall not be detectable in any 100ml sample.			-
2.	Fecal (Coliform	IS 1622-2	000	MPN/100	BDL(MDL-1	.8) -					-
-		erref	1		Te	st result End						
	cribed Li	mit	IS 10	500:20)21	read		and the second				
Rema	arks		Unit v	vas ope	erational durin	g sampling.						
1. The 2. Tes 3. Lat 4. The 5. Anj 6. Tot 7. All	st performe boratory is r e Test repoi y complaint ai liability o	accepts respons d at laboratory's p naintaining, Temp t shall not be rep about this report f EPIC LabTech F e subjected to Ra	ermanent facility perature 25 ± 2°C roduced full or in should be comm W/ Ltd. will be hi nchi Jurisdiction	and res and Re part & c nunicated mited to	ults relate only to i lative Humidity 65 an't be used as pr I in writing within 1 invoiced amount o	the sample tested in <i>µ</i> ± 5 % in all testing au pof in the court of law 0 days of its issue (<u>en</u> nly. e laboratory does not	rea as per piclabtech(IS 196:1966 <u>Dgmail.com</u>		charges		



Checked hy (B.N. Kumar) Technical Head

Vehilied & Issue by (Umesh Das) Laboratory Head Authorized Signatory

EPIC LabTech Pvt. Ltd. Ranchi, Jharkhand

Page 1 of 1



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Analytical Test Report

Report Uniqu	ue tD	RL0041	241507		Is	sue date/	ime	22.04.2	2024/ 1	12:46
Discipline	Chemical	Group	Water		S	ub Group				
Report Issue	to		Later I		1					
			WATE LIMITED	Contac	t Perso	n Mr.	Mand	oj Kumar		
Vitt. & PO - DISTRAMO		-	-879101	Contac	Contact Number +91 9337					
Diol, Idane			020101	Email I	d	iam	env	2018@gn	nail.com	n
Order Numbe	r JI	PL/2024	-25	Order I				024/11		
			ent System (Steps o		-					
Customer Re			PIC/OTH/0041			ng Number	E	PIC-24150)7	
Sample(s) Co	-		1507		Recei			9.04.2024/	11:20	
Sampling Re	ferences									
Type of indus		Sponge Iro	n	Ref. of	Sampii	ng Plan	EPIC	LAB/R/03	36	
Sampling met			25 (Part-1) 1987, R	1						
Sampling Sta		8.04.2024/			ng End	(D/T) (08.04	.2024/ 09:25		
Mode of Sam	pling C	onducted	by Laboratory	Sample	e collect	ted by	Mr. Ja	anardan Ki	umar & I	team
Description/co	ondition of s	sample	Receipt sample	le(s) were fit	for anal	ysis,				
Environment	tal Conditio	on during	sampling							
Weather condit	ion Clou	idy T	emperature (°C)	27 Humi	dity %	65	Wind a	direction	270º-9	90°
Sampling Lo	cation(s) w	vith GPS o	coordinate(s)							
S. Location A	Borewell	(Near Ma	in Gate)	G	PS coor	dinate 23	^o 38'	53.92"/ 85	⁰ 27' 46	.23"
Test start dat	e 09	.04.2024/	11:28 T	est completi	on date	11.	04.20	24/14:10		
SI Test Pa	rameters		Method used		Unit	Res	ults	Li	imits	MU?
1. Ground	Water Leve	ei	EPIC/LAB/SOP	/WA/01/00	mbgl	7.	8		-	
1	-	-	ENER -	Test result End						
Prescribed Lir	nit	N/A		Tech						-
Remarks	LabTer	Unit	was operational dur	ring sampling.						
Contractual Not		and the second sec		(DA)	-	-				
1. The laboratory		-	-	(- ()		the d Date & Gu				
			lity and results relate only t ^o C and Relative Humidity (
			in part & can't be used as		and the second second					
			municated in writing within		ve (<u>epiclab</u>	tech@gmail.co	<u>n</u>)			
			limited to invoiced amount							
			on and maximum liability of ested product by laboratory							f this mean
		and the second sec	e marked as * mark.	y. onder no circom	stances, la	nonatory accep	a any t	oused by use	er nasuse o	ans repon
	112 6		1. C. 1.		_	131-		02	100	
in the second			H.	a shifet				men	u	
A STATE		abTran	Aug	SC FURNIS			. 1	1+2214		
1. 2	The west						. 11			

Checked by (B.N. Kumar) Technical Head Vehified & Issue by (Umesh Das) Laboratory Head

Authorized Signatory EPIC LabTech Pvt. Ltd. Ranchi, Jharkhand

Page 1 of 1



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

Issue date/time 18.11 Report Issue to M/s - JHARKHAND ISPAT F Vill. & PO - HESLA, ARGADA DISTRAMGARH, JHARKHAN Order Number JIPL/202 References of Quality Manager	D-829101	Contact Num			Water Groundwa anoj Kumar			
Report Issue to M/s - JHARKHAND ISPAT F Vill. & PO - HESLA, ARGADA DISTRAMGARH, JHARKHAN Order Number JIPL/202 References of Quality Manager	PRIVATE LIMITED	Contact Num	on		,			
M/s - JHARKHAND ISPAT F Vill. & PO - HESLA, ARGADA DISTRAMGARH, JHARKHAN Order Number JIPL/202 References of Quality Manager	D-829101	Contact Num		Mr. M	anoi Kumar			
Vill. & PO - HESLA, ARGADA DISTRAMGARH, JHARKHAN Order Number JIPL/202 References of Quality Manager	D-829101	Contact Num		Mr. M	anoi Kumar			
DISTRAMGARH, JHARKHAN Order Number JIPL/202 References of Quality Manager			ber		anoj ruman			
References of Quality Manager	23-24	Frank St. Sell		+91 9	337292105	i		
References of Quality Manager	23-24	Email IC	Email id jam.			nait.cor	n	
		Order Date		05.04	.2024/ 12	:30	_	
	ment System (Steps of	Traceability Chain)						
Customer Registration No.	EPIC/OTH/0077	Sample Book	ing Num	per	EPIC-2446	510		
Sampie(s) Code	244610	Sample Rece	ipt (D/T)		12.11.202	4/ 11:2	22	
Sampling References	- abilech		17.00					
Type of industry Sponge 1	Iron	Ref. of Samp	ling Plan	E	PIC/LAB/R/	036		
Sampling method used IS :	3025 (Part-1) 1987	, R-2003 & IS	1622			_		
Sampling Start (D/T) 11.11.202	4/ 10:20	Sampling En	d (D/T)	11	.11.2024/ 10:	40		
Mode of Sampling Conducted	d by Laboratery	Sample colle	cted by	Mr	Birsing Mah	to & tea	m	
Description/condition of sample	Receipt sample	(s) were fit for a	nalysis.					
Environmental Condition durin	g sampling							
Weather condition Cloudy	Temperature (°C)	27 Humidity 9	6	5 Wi	nd direction	2700-	900	
Sampling Location(s) with GPS	coordinate(s)	pint -						
S. Location A Bore well		GPS coo	ordinate	230	38' 53.92"/ 85	5º 27' 46	.23°	
Test start dsta 12.11.2024	4/ 11:35 Tes	st completion date	Ln.	16.11	.2024/ 16:58			
SI Test Parameters Method us	sed Unit	Results			Limits		MU9	
1. Total Coliform IS 1622-	2000 MPN/100	BDL(MDL-1	.8) ch	all act be	detectable in any	100mi	-	
2. Fecal Coliform iS 1622-	2000 MPN/100	BDL(MDL-1	, 31	an HUR DIE (sample.	TUUTII		
2. T Coal Comont 10 1022-		t result End -	.0)				-	
Prescrihod Limit IS	10500:2021	Traile L						
Operational Status	nit was operational durin	ig sampling.						
	I tested parameters are	* . *	escribed	limit.				

3. Laboratory is maintaining. Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196: 1966

4. The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.

5. Any complaint about this report should be communicated in writing within 10 days of its issue (epiclabtech@gmail.com)

6. Total liability of EPIC LabTech Pvt/ Ltd. will be limited to invoiced amount only.

7. All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges

8. 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 Laboratory Head Jed Signatory EPIC LabTech PVL Lid. Ranchi, Jhankhand

to the second second



ISO 9001:2015 (Quality Management System), Certified by :-ISO 45001/2018 (Occupational Health & Safety Management System) Jharkhand State Pollution Control Board Accredited by :-

Analytical Test Report

Unique Lab Report No.	N/A			-	Disc	ipline	Chemi	cal	
Report Unique iD	RLO	077244610			Gro	up	Water		
issue date/time	18.	11.2024/ 11:45			Sub	Group	Ground	dwate	r
Report Issue to	000						,		
		PRIVATE LIMITE	D	Contact Pe	reon	Mr.	Manoj Ku	mar	1.0
Viil. & PO - HESLA, DISTRAMGARH, JH				Contact Number +91 9337			1 9337292	105	
		Address of the	Ī	Emaii Id	abve	jan	n.env2018	@gma	il.com
Order Number J	IPL/2	023-24		Order Date		05	.04.2024/	/ 12:3	0
		ement System (Steps of	Trace	ability Chair)	L. S. F.			Jan al Chi
Customer Registration No).	EPIC/OTH/0077	1	Sample Bo	oking N	umber	EPIC-2	44610	
Sampie(s) Code	de 244610				ceipt (D	T)	12.11.2	2024/1	1:22
Sampling References	5					1.5			
Type of Industry							EPiC/LAB	/R/036	
Sampling method used	IS	: 3025 (Part-1) 1987, R-	-2003	3					1.5
Sampling Start (D/T)	11.11.2	024/ 10:20		Sampling E	ind (D/T)	11.11.2024	/ 10:40	}
Mode of Sampling	Conduc	ted by Laboratory		Sample col	lected b	y I	Mr. Ajay Ku	ımar &	team
Description/condition of s	iption/condition of sample Receipt sample(s)					is.			
Environmental Condi	tion du	ring sampling		1991					
Weather condition Cl	oudy	Temperaturo (ºC)	27	Humidity	1%	65	Wind direction	on	2700-900
Sampling Location(s)	with G	PS coordinate(s)		an parts			1		
S. Location A Bore w					oordina	and the second s	3º 38' 53.92		27' 46.23"
Test start date	12.11.20	024/11:35 Te	est co	mpletion da	te	15	.11.2024/1	6:58	
Si Test Parameters	- pute	Method used	-	pages 1	Unit	Re	sults	Limit	s MU%
1. Phosphate (as P	O4)	IS 3025 (P-31/Se	c-1)2	022	mg/l	0	.60		
2. Fluoride (as F)		APHA 4500 F-C	2023	3 1	ng/l	BDL(M	DL-0.01)	1.5	
3. Cyanide (as CN)	ech Pr	APHA 4500 CN-	D 20	23	ng/l	BDL(MDL-1)	-	
4. Ground Water Le		EPIC/LAB/SOP/V	NA/0		nbgi	6	5.2		
				the second se		144-25 to	16.11.2024/1	6:58	
	ants in W	ater- Trace Metals Element	ts-Ana	By 515 OR 12	.11.2024	N 11.JJ LU			
Residues and Contamin 5. Mercury(as As)	ants in W	APHA 3112 B 20	_		.11.2024 mg/i		ADL-0.005)		
Residues and Contamin		APHA 3112 B 20 1S 3025 (P-55)20	23 03			8DL(N			
Residues and Contamin 5. Mercury(as As)		APHA 3112 B 20 1S 3025 (P-55)20	23 03		mg/i	8DL(N	ADL-0.005)		2 -
Residues and Contamin5.Mercury(as As)6.Aluminium (as A		APHA 3112 B 20 1S 3025 (P-55)20 –Te	23 03 est resu	ult End	mg/i	8DL(N	ADL-0.005)		.2 -

Contractual Notes

1. 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 2

- 3. Laboratory is mainteining, 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 4

5. 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 6

- All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges 7
- 8. Opinions does not imply endorsement of the tested product by taboratory. Under no circumstances, laboratory accepts any caused by use or misuse of this report 9. When the results are from external provider are marked as * mark.

Analysed by -Pratima Kumari/ Nisha Kumari



Checked hy (B.N. Kumar) Technical Head

18 erified& Issue by Laboratory Head Signalon Authorized Signalon AUMUNIKEW ONSTRAND EPIC LabTech Pvt. Ltd. Ranchi, Jharkhand



EPIC LabTech Private Limited

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.	TC128	8724000000790		Disci	pline C	hemic	al	
Report Unique ID	RL007	7244610		Grou	p V	Vater		
Issue date/time	18.11.	2024/ 11:45	A DATE OF	Sub Group		Fround	water	
Report Issue to	1.1					'		
M/s - JHARKHAN	Contact Person Mr. Manoj Kum				nar			
	I. & PO – HESLA, ARGADA STRAMGARH, JHARKHAND-829101		Contact Nomber		+91 933	372921	105	-
and the second second			Email Id	al all	jam.env	2018@	gmail.co	m
Order Number	JIPL/2023	3-24	Order Date		05.04.2	024/	12:30	
20. Chromium (as	Cr)	APHA 3111 B 2023	mg	ľ	BDL(MDL-	0.3)	-	±2.15
21. Nickel (as Ni)		APHA 3111 B 2023	mg	/I	BDL(MDL-	0.3)		±4.11
22. Arsenic (as As)	APHA 3114 B 2023	mg	VI	BDL(MDL-0	.005)	0.01	±7.52
23. Zinc(as Zn)		APHA 3111 B 2023	mg	1/1	BDL(MDL-0	0.04)	15	±5.72
		-Test re	sult 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	•

1. The laboratory accepts responsibility for content of this report.

2. Test performed at laboratory's permanent facility and results relate only to the sample tested in prescribed Date & time

З. Laboratory is maintaining. Temperature 25 ± 2°C and Relative Humidity 65 ± 5 % in all testing area as per IS 196:1965

4. The Test report shall not be reproduced full or in part & can't be used as proof in the court of law.

5 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.

LabTech Put

All disputes are subjected to Ranchi Jurisdiction and maximum liability of the laboratory does not exceed the testing and sampling charges 7.

8. 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.

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EPIC LauTel

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When the results are from external provider are marked as * mark. Analysed by --Pratima Kumari/ Nisha Kuman



Checked by (B.N. Kumar) **Technical Head**

120

Verified& Issue by EPIC LabTech Pvt. Ltd. Ranchi, Jhanthand Laboratory Head Signalon Authorized



EPIC LabTech Private Limited

Accredited by :- NABL vide certificate Number TC- 12887 Jharkhand State Pollution Control Board Certified by :- ISO 9001:2015 and JSO 45001:2018



1

Analytical Test Report

-

Unique Lab Report No.		1288724000000790	100			Chemical			
Report Unique ID		0077244610		Grou		Water			
ssue date/time	18.	11.2024/ 11:45		Sub	Group	Groundwate	er		
Report Issue to					-			10	
M/s - JHARKHAND VIII. & PO - HESLA,		T PRIVATE LIMITE	D Contact P	erson	Mr. Man	oj Kumar			
	STRAMGARH, JHARKHAND-829101			umber	+91 933	37292105			
10000			Email Id	apres a	jam.env	2018@gma	ail.cor	n	
Order Number	IIPL/2	023-24	Order Dat	9		2024/ 12:	_		
References of Qualit	y Manag	gement System (Steps of	f Traceability Chai	n)				-	
Customer Registration N	0.	EPIC/OTH/0077	Sample B	ooking Nu	mber E	EPIC-244610	}		
Sample(s) Code	2011	244610	Sample R	eceipt (D/T)	2.11.2024/ 1	1:22		
Sampling References				100					
Type of Industry	Sponge		Ref. of Sa	mpling Pla	n EPI	C/LAB/R/036	3		
Sampling method used		: 3025 (Part-1) 1987, R-		P. 1 (P. P.)		000 11 10 1			
Sampling Start (D/T)		2024/ 10:20	Sampling			1.2024/ 10:4		_	
Node of Sampling		cted by Laboratory	Sample co			Birsing Mahto	a tear	11	
Description/condition of a Environmental Cond		Receipt sample	e(s) were nit fol	analysis			_	-	
	loudy	Temperature (°C)	27 Humidit	w %	65 Wind	direction	270°-1	000	
Sampling Location(s	*		21 11011101		00 1 1110		270	30"	
S. Location A Bore v		, o coordinate(o)	GPS	coordinate	230 38	' 53.92"/ 85°	27' 46	.23"	
Test start date		024/ 11:35 Te	est completion d			024/ 16:58			
SI Test Parameters	0.1	Method used	S. Pat Ve	Unit	Results	Limi	ts	MU%	
1. Conductivity		IS 3025 (P-14) 20)19	IS/cm	1000.00	e		±0.1	
2. Turbidity		IS 3025 (P-10) 19	984	mg/i	1.89	5		±11.9	
3. pH value at 25%		IS 3025 (P-11) 20)22		6.98	6.5-6	5.5	±0.24	
4. Coiour		IS 3025 (P-04) 20		lazen	05	15		±22.2	
5. Odour		IS 3025 (P-05) 20		-	Agreeable	e Agreea	able	-	
6. Taste		IS 3025 (P-07) 20		Lto	Agreeable			-	
7. Total Dissolved Se	olids (TDS			mg/i	537.00	200		±0.48	
8. Calcium (as Ca)		IS 3025 (P-40) 19		mg/i	115.43	200		±2.28	
9. Total Alkalinity(a	TR		L BOARD	mg/l	128.00	600		±15.8	
10. Totai Hardness		and a set of		mg/l	318.00	600		±0.82	
11. Chloride (as Cl)		IS 3025 (P-32) 20	ALL AND	mg/l	119.24	100		±2.58	
12. Free Residual C	-	IS 3025 (P-26) 19		mg/l	BDL(MDL-0			±3.22	
13. Sulphate (as SO		IS 3025 (P-24/Se		mg/l	74.10	400		±0.3	
and the second second	-	APHA 3500 Mg E		a specific					
-	MG)	La Contra		mg/l	7.29			±1.6	
15. Nitrate (as NO ₃)		APHA 4500 B 20		mg/l	2.09	45	-	±0.50	
	ants in W	ARHA 3111 R 201					5	10.51	
16. Copper(as Cu)		APHA 3111 B 202		mg/l	BDL(MDL-		.5	±2.5	
17. Iron (as Fe)		APHA 3111 B 202		mg/i	BDL(MDL-	-	.0	±5.13	
18. Lead (as Pb)		APHA 3111 B 202	23	mg/i	BDL(MDL-		-	±2.33	
19. Cadmium (as Co	d)	APHA 3111 B 202	23	mg/l	BDL(MDL-0	0.05)	100	±8.15	
TECHPRON						-10.0	1	Page 1 of	



EPIC LabTech Private Limited

Certified by -- 150 9001:2015 (Quality Management System), 150 45001:2018 (Occupational Health & Safety Management System) Accredited by -- Jharkhand State Pollution Control Board

Analytical Test Report

Uniqu	le Lab Report No.	N/1	4		in the	Discipli	ne	0	hemical				
Repo	rt Unique ID	RL	0077	244610	Group		V	Vater					
ssue	dateltime	18	11.2	024/ 11:45		Sub Gro	oup .	C	Others (Ground Water Level)				
Repo	ort Issue to	= /14	-										
M/s - JHARKHAND ISPAT PRIVATE LIMITED Vill. & PO - HESLA, ARGADA							Person	1	Mr. Manoj Ku	mar			
	& PO - HESLA, L-RAMGARH, J			829101		Contact Number +91 933				37292105			
						Email k	1.000	c11 1	jam.env2018	3@gm	aii.co	m	
Order Number JIPL/2023-24						Order D	late		05.04.2024	/ 12:	30		
Refe	rences of Quali				ps of Tra	ceability C	hain)	0				1210	
	omer Registration N			IC/OTH/0077		-	Booking N	lumbe	EPIC-24	4610	-		
	le(s) Code	Code 244610					Receipt (D	TK	12.11.20	24/ 11	:22		
	piing Reference	s		120						11			
	of Industry	Spong	e Iron			Ref. of Sampling Plan EPIC/LAB/R/036							
	ling method used			5 (Part-1) 1987	, R-200	03	a ne la						
	ling Start (D/T)	11.11.					ng End (D/	T)	11.11.202	4/ 10:4	10		
Mode of Sampling Conducted by Laboratory						Sample	collected	by	Mr. Birsing	y Maht	o & tea	កា	
Desci	ription/condition of	-		Receipt sa	mple(s)	were fit	for analys	sis.		-			
Envi	ronmental Con	dition du	ring s	sampling		1			1.00				
Neat	hor condition	Cloudy	Te	emperaturo (ºC)	27	Hum	idity %	65	Wind direct	ion	2700	-900	
Sam	pling Location(s) with (PS c	oordinate(s)		1.00	-		Dist.	9			
	cation A Bore				1.200	G	S coordin	ate	23º 38' 53.9	2"/ 85	27' 4	5.23"	
est :	start date	12.11.2	024/	11:35	Test c	ompletio	n date		15.11.2024/	16:58			
Si	Test Parameters	- Patte	L'ED+	Method used		pv2-	Unit		Results	Lin	olts	MU%	
1.	Ground Water	Level		EPIC/LAB/SC	PAWA	01/00	mbgi		6.2				
	Co los			A	-Test re	sult End					_		
N - 101	ribed Limit	Not Applicable.										_	
	ational Status			was operational	during s	ampling.	-1-5						
Rema		100	Not /	Applicable.		Pu	-		- 1 m				
-	aotual Notes	sponsibility fo		t of this report. Iy and results relate o	only to the	sample test	ed in prescrib ting area as p	ed Date	& time				

Opinions does not imply andorsement of the tested product by lab
 When the results are from external provider are marked as * mark.

Analysed by -Pratima Kumari/ Nisha Kumari



Checked by (B.N. Kumar) **Technical Head**

Laboratory Head and Signatory Verified & Issue by EPIC LabTech Pvt. Ltd. Ranchi, Jharkhand

and the second	۰
	Labiech Pvt. Ltd.

Analytical Test Report

EPIC LabTech Private Limited

CIN:-U749991H2022PTC019685

Issue date/time

9337292105

Annexure - 15

Ambient Noise

Mr. Ram Chandra Rungta

EPIC-241511 09.04.2024/ 13:50

jipllegal@gmail.com 06.04.2024/ 07:57

13.04.2024/ 16:53



Accredited by :-Certified by :-

NABL vide certificate Number TC- 12887 Jharkhand State Pollution Control Board ISO 9001:2015 and ISO 45001:2018

Unique Lab Report No.		TC12887	TC128872400000285				
Report Uniqu	e ID	RP03912	RP0391241511			Issue date	
Discipline	Chemical	Group	Group Atmospheric Pollution				
Report Issue	to			1.1			
			VATE LIMITED	Contact Pe	rson	Mr. I	
VILL: HESLA, PO: ARGADA, RAMGARH, JHARKHAND			Contact Number		9337		
				Emall Id		jiplle	
Order Number	1.89	84256		Order Date		06.0	
References o	f Quality M	lanagemen	t System (Steps of Tr	aceability Chain)			
Customer Registration No. EPIC/PCB/0391			Sampie Booking Numb		umber		
Sample(s) Code 241511-(A), (B), (C)			Sample Receipt (D/T)				

Sampling Reference	s		1.000	
Type of Industry	Sponge Iron		Ref. of Sampling Plan	EPIC/LAB/R/036
Sampling method use	d IS 9989:	1981 (RA 2020) &	& CPCB Method S.O.50 (E) da	ated 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	y laboratory	Sample collected by	Mr. Janardan Kumar & team
Description/condition	of sample	Receipt sampl	le(s) were fit for analysis.	-
Environmental Come	litie - alumina -	a ma limm		

Environmental Condition during sampling

Weather condition	Clear	Temperature (°C)	34	Humidity %	50	Wind direction	3600-1800
Sampling Locar	tion(s) with GPS	coordinate(s)					
S. Location A	Near Main gate of	f unit		GPS coord	linate	23º 38' 57.88"/ 85	27' 53.21"
S. Location B	West corner side	of unit		GPS coord	linate	23º 38' 55.38"/ 85	27' 45.98"
S Location C	Near Online PM 1	Ο Δορίντες		GPS coord	linate	230 38' 56 57"/ 85	27' 51 71"

10 Analyze Focation C | Meat Outline F ance of the laborate Data(c) of partor tivitine

Test	start date/time	09.04.2024/ 14:00	Test compietion date/time			12.04.2024/ 16:34		
0	To at Days we at an		Unit		Results	1.9.6	Limiter	MU%
SI	Test Parameters	Method used		Α	В	С	Limits	
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
Pres	cribed Limit	The Noise Pollution (Regu	lation and Co	ontrol) Rules	s, 2000.			
Rem	arks .	. 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 festing area as per IS 1961966 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 (<u>epiclaptech@gmail.com</u>). 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 leboratory. Under no circumstances, laboratery accepts any caused by use or misuse of this report. 9. 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 Laboratory Headized Signatory Authorized Signatory EPIC LabTech Pvt. Ltd. Ranchi, Jharkhand

C/o - R.K. Tripathi, Indrapuri, Road No. - 5, Ranchi, Jharkhand - 834005, India 9304973994 60651 4666392

99304973994

epiclabtech@gmail.com

Page 1 of 1

Report

Annexure - 16

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

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 tCO2eq, 2.6 kg NOx, 1.8 kg SOx and 1.4kg PM2.5. 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 tCO2eq/year in global warming potential, 59.02 thousand tSO2eg/year in acidification potential and 287.2 thousand tPM2.5eq/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 fuelswitching 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.

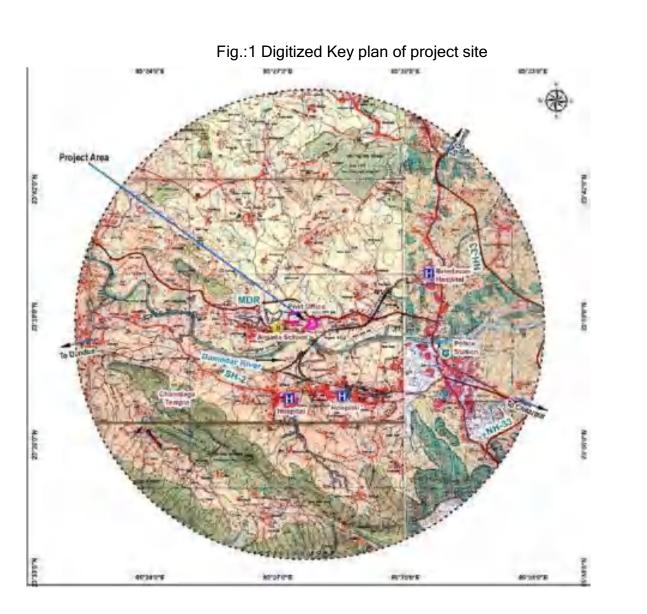


GHG emission inventory is comprised of carbon footprint analysis where it is historically been defined as "the inventory of greenhouse gas (GHG) emissions caused by an organization, event, product or person". In this report the estimation of carbon emission for sponge iron production, carbon budgeting/balancing, 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.







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 **S**teel 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

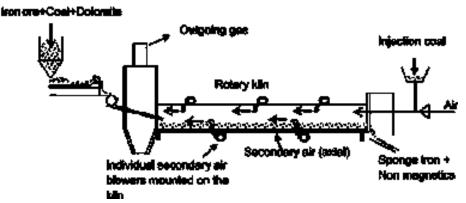


Figure 2: Rotary kiln (SL/RN process) (Source: Dey et al, 2015)

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 - Fe2O3) 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).

$$3Fe_{203} + CO \rightarrow 2Fe_{304} + CO_2 - 44.46 \, kJ/mol$$
 (1)

$$Fe_{304} + CO \rightarrow 3Fe_{0} + CO_{2} + 3.07 \, kJ/mol$$
 (2)

$$FeO + CO \rightarrow Fe + CO_2 - 11.12 \, kJ/mol \tag{3}$$

The CO required for the above reduction reactions is produced when fixed carbon of the feed-end coal reacts with CO2 produced by the reductions, in a perpetual, reversible reaction called Boudouard reaction.

$$C + CO_2 \rightleftharpoons 2CO + 167.52 \, kJ/mol \tag{4}$$

This reaction is crucial to maintaining the reducing atmosphere and kiln temperature. The ratio of CO/ (CO+CO2) 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 injectioncoal. By combining the above reactions, we get $2Fe_{2O3} + 3C \rightarrow 4Fe + 3CO_2 + 432.52 \text{ kJ/mol}$ (5)

Note that only one part of CO produced in (4) is used for the reduction, whereas the other part is combusted into CO2 resulting in a net output of CO2 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 CO2 along with H2O and CH4. The sulphur present in coal is removed by dolomite, as the CaCO3 and MgCO3 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 SOx 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 CO₂ 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).



S. No	Particulars	Details
1.	Latitude	23º38' 48.47"N
2.	Longitude	85 ⁰ 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 S
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 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
28.	Total Manpower	up only) Non-Violating: 120, Violating: 100 Proposed: 174, Total: 394

Table 2.1: Salient Features of the Project

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	Total 18 MW	18 MW	
Heat BoilersAFBC			18MW (Captive
Boiler			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)
EXISTING			
Sponge Iron Plant	4x 100 T /day of DRI	400 TPD	120,000T
PROPOSED			
Steel Making Shop,			
Induction Furnaces	3 x 12 T	360 T	108,000 T
and Billet Caster			
Rolling Mill	15 Stand Mill with	300 T	90,000 T
_	Direct Hot Charging		
TMT Rebar Mill			



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 produced sponge iron, sized lump ore is fed along with coal, and flux in to 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.

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 m³/day
Power Requirement		300	950 KVA
Raw Material	Raw Material	Size (mm)	Quantity (MT/Annum)
Requirement	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

Table 2.3: Raw Material Requirement for Existing Sponge Iron Plant

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.



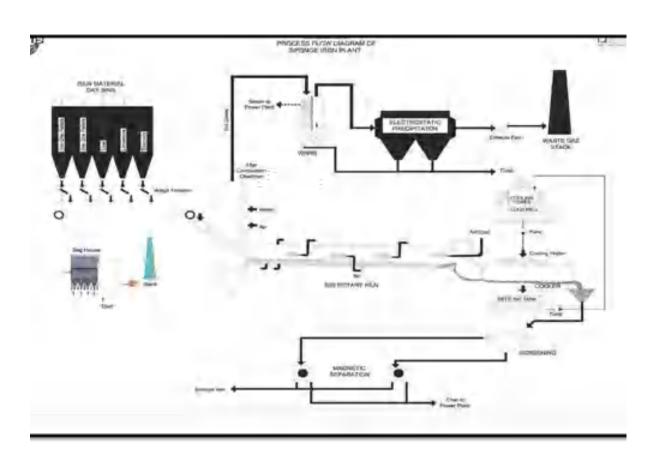


Figure3: Process flow diagram of Sponge Iron Plant

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.

Section	Technology	Process flow
Sponge Ironplant	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

Figure 4: Material flow for sponge iron plant

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 sand green belt will be development 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:

SL	TYPE OF USE	-	Are
No			a
		Acres	Hectare
			S
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
	Total Land Area	30.692	12.42

Table 3.2: Land Use of Plant Layout

Table3.3: Emission factors of GHG gases from different energy fuel sources

Energy sources	kg CO₂/kg fuel	kg CH₄/kg fuel	kg N₂O/kg fuel
Coal	2.42	2.82E-04	4.00E-05
Electricity	0.43 kg CO2/kwh	0.0223 kg CH4/kwh	0.00342kg N2O/kwh
Natural gas	2.69	2.40E-04	5.00E-06



Methodology for Estimationg 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. CO₂, CH₄, and N₂O have been calculated and reported in the form of CO₂-equvalent. Within the defined system boundary, mass and energy inputs for the processes within the boundary are included.

CO₂ 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. CO₂ emissions have been calculated using carbon content data that are expressed on a mass or volume basis. (Equation no_)

Mass basis:
$$E = A_{\mathbf{f}} \cdot F_{\varphi} \cdot E \cdot \frac{44}{12} \quad ---- 1$$

Volume basis: $E = A_{\text{f}} \cdot F_{gn} \cdot F_{b} \cdot \frac{44}{12} - ---2$

Equation No. 1 &2: Calculating CO₂ emissions using carbon content data that are expressed on a mass or volume basis

Where:

E = Amount of CO₂ emitted (metric tons)

 $A_{f,v}$ = Volume of fuel consumed (e.g., liters, gallons, m³, 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 CO₂

$$E = A \cdot HV_{f} \cdot F_{c,h} \cdot F_{12} - --- 3$$

Equation No. 3: Calculating CO₂ emissions from stationary combustion sources using carbon content data expressed on an energy basis

Where:

 $E = Amount of CO_2 emitted (metric tonnes)$

A = Mass of fuel consumed (e.g., metric tonnes)

HV_f = 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 CO₂.

CH_4 and N_2O emissions:

The N₂O and CH₄ emissions from Electricity Generation and Reheating Furnaces can be calculated using Equation 4.

 $E = \mathbf{f} \cdot HHV_{\mathbf{f}} \cdot EF \cdot GWP - 4$

 $E = f. HHV_f. ESEF. GWP -----5$



Equation :: Calculating N_2O and CH_4 emissions

Where:

E = Amount of either N₂O or CH₄ emitted (metric tonnes CO₂-equivalent)

A_f = Amount of fuel combusted on a mass or volume basis

EF = fuel-specific emission factor

ESEF = Equipment-specific emission factor

GWP = 21 for CH_4 or 310 for N_2O

Process Materials	Carbon Content* (kg C/kg)
Blast Furnace Gas	0.17
Charcoal ^a	0.91
Coal	0.67 ¹
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
EAF Carbon Electrodes	0.82 ²
EAF Charge Carbon	0.83 ³
Fuel Oil	0.86 ⁴

Table 3.4: Carbon contents for materials consumed in process sources



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 CH4 & N2O contents for materials consumed inprocess sources

	Lo Value(I Valu	lorific	Higher Heating Value(HHV)/Gross Calorific Value (GCV) Basis						
Fuel		•	kg GHG / TJ kg GHG / fuel ton fuel			kg Gł TJ f		kg GHG / ton fuel	
	CH4	N ₂ O	CH₄	N ₂ O	CH4	N ₂ O	CH₄	N ₂ O	
Crude oil and	Crude oil	3.000	0.6 00	0.13 4	0.027	2.85 0	0.5 70	0.12 7	0.025



derived			0.6	0.08		2.85	0.5	0.08	
substan ces	Orimulsion	3.000	00	7	0.017	0	70	3	0.017
			0.6	0.14		2.85	0.5	0.13	
	Natural Gas Liquids	3.000	00	0	0.028	0	70	3	0.027
			0.6	0.14		2.85	0.5	0.13	
	Motor Gasoline	3.000	00	0	0.028	0	70	3	0.027
			0.6	0.14		2.85	0.5	0.13	
	Aviation Gasoline	3.000	00	0	0.028	0	70	3	0.027
			0.6	0.14		2.85	0.5	0.13	
	Jet Gasoline	3.000	00	0	0.028	0	70	3	0.027
			0.6	0.13		2.85	0.5	0.13	
	Jet Kerosene	3.000	00	9	0.028	0	70	2	0.026
			0.6	0.13		2.85	0.5	0.13	
	Other Kerosene	3.000	00	8	0.028	0	70	1	0.026
			0.6	0.12		2.85	0.5	0.11	
	Shale oil	3.000	00	0	0.024	0	70	4	0.023
			0.6	0.13		2.85	0.5	0.12	
	Gas/.Diesel oil	3.000	00	6	0.027	0	70	9	0.026
			0.6	0.12		2.85	0.5	0.12	
	Residual Fuel oil	3.000	00	8	0.026	0	70	1	0.024
	Liquified Petroleum		0.1	0.05		0.90	0.0	0.04	
	Gases	1.000	00	3	0.005	0	90	7	0.005
			0.1	0.05		0.90	0.0	0.04	
	Ethane	1.000	00	2	0.005	0	90	6	0.005
								0	

	Naphtha	3.000	0.6 00	0.14 1	0.028	2.85 0	0.5 70	0.13 4	0.027
		0.000			0.020				0.027
			0.6	0.12	0.005	2.85	0.5	0.12	0.004
	Bitumen	3.000	00	7	0.025	0	70	1	0.024
			0.6	0.12		2.85	0.5	0.12	
	Lubricants	3.000	00	7	0.025	0	70	1	0.024
			0.6	0.10		2.85	0.5	0.09	
	Petroleum coke	3.000	00	3	0.021	0	70	8	0.020
			0.6	0.13		2.85	0.5	0.12	
	Refinery feedstocks	3.000	00	6	0.027	0	70	9	0.026
			0.1	0.05		0.90	0.0	0.05	
	Refinery Gas	1.000	00	5	0.006	0	90	0	0.005
			0.6	0.12		2.85	0.5	0.12	
	Paraffin waxes	3.000	00	7	0.025	0	70	1	0.024
			0.6	0.12		2.85	0.5	0.12	
	White Spirit & SBP	3.000	00	7	0.025	0	70	1	0.024
	Other petroleum		0.6	0.12		2.85	0.5	0.12	
	products	3.000	00	7	0.025	0	70	1	0.024
Coal			1.5	0.02		0.95	1.4	0.02	
and	Anthracite	1.000	00	8	0.042	0	25	7	0.040
derived product s			1.5	0.29		9.50	1.4	0.28	
	Coking coal	10.000	00	7	0.045	0	25	2	0.042
	Other bituminous		1.5	0.27		9.50	1.4	0.25	
	coal	10.000	00	2	0.041	0	25	8	0.039
									-340

		1.5	0.19		9.50	1.4	0.18	
Sub-bituminous coal	10.000	00	9	0.030	0	25	9	0.028
		1.5	0.12		9.50	1.4	0.11	
Lignite	10.000	00	5	0.019	0	25	9	0.018
Oil shale and tar		1.5	0.09		9.50	1.4	0.08	
sands	10.000	00	4	0.014	0	25	9	0.013
Brown coal		1.5	0.21		9.50	1.4	0.20	
briquettes	10.000	00	8	0.033	0	25	7	0.031
		1.5	0.21		9.50	1.4	0.20	
Patent fuel	10.000	00	8	0.033	0	25	7	0.031
Coke oven coke &		1.5	0.29		9.50	1.4	0.28	
lignite coke	10.000	00	7	0.045	0	25	2	0.042
		0.1	0.03		0.95	0.0	0.02	
Gas coke	1.000	00	0	0.003	0	95	8	0.003
		1.5	0.29		9.50	1.4	0.28	
Coal tar	10.000	00	5	0.044	0	25	0	0.042
		0.1	0.04		0.90	0.0	0.03	
Gas works gas	1.000	00	3	0.004	0	90	9	0.004
		0.1	0.04		0.90	0.0	0.03	
Coke oven gas	1.000	00	3	0.004	0	90	9	0.004
		0.1	0.00		0.90	0.0	0.00	
Blast furnace gas	1.000	00	3	0.000	0	90	2	0.000
Oxygen steel		0.1	0.00		0.90	0.0	0.00	
furnace gas	1.000	00	8	0.001	0	90	7	0.001
<u> </u>								396

Natural			0.1	0.05		0.90	0.0	0.05	
Gas	Natural Gas	1.000	00	3	0.005	0	90	1	0.005
Non-	Municipal wastes								
biomass	(non-biomass		4.0	0.31		28.5	3.8	0.30	
waste	fraction)	30.000	00	6	0.042	00	00	0	0.040
			4.0			28.5	3.8		
	Industrial wastes	30.000	00	N/A	N/A	00	00	N/A	N/A
			4.0	1.26		28.5	3.8	1.20	
	Waste oils	30.000	00	9	0.169	00	00	6	0.161
			1.5	0.02		1.90	1.4	0.02	
Peat	Peat	2.000	00	1	0.015	0	25	0	0.015
Biomass			4.0	0.49		28.5	3.8	0.46	
waste	Wood/Wood waste	30.000	00	3	0.066	00	00	8	0.062
	Sulphite lyes (Black		2.0	0.03		2.85	1.9	0.03	
	liqour)	3.000	00	7	0.025	0	00	5	0.024
	Other primary solid		4.0	0.36		28.5	3.8	0.34	
	biomass fuels	30.000	00	6	0.049	00	00	8	0.046
		200.00	4.0	6.21		190.	3.8	5.90	
	Charcoal	0	00	1	0.124	000	00	0	0.118
			0.6	0.08		2.85	0.5	0.08	
	Biogasoline	3.000	00	5	0.017	0	70	1	0.016
			0.6	0.08		2.85	0.5	0.08	
	Biodiesels	3.000	00	5	0.017	0	70	1	0.016



		0.6	0.08		2.85	0.5	0.08	
Other liquid biofuels	3.000	00	7	0.017	0	70	2	0.016
		0.1	0.05		0.90	0.0	0.05	
Landfill gas	1.000	00	6	0.006	0	90	0	0.005
		0.1	0.05		0.90	0.0	0.05	
Sludge gas	1.000	00	6	0.006	0	90	0	0.005
		0.1	0.05		0.90	0.0	0.05	
Other biogas	1.000	00	6	0.006	0	90	0	0.005
Municipal wastes		4.0	0.36		28.5	3.8	0.34	
(biomass fraction)	30.000	00	6	0.049	00	00	8	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.

Heating Reactions	Cooling Reactions
$c + \frac{1}{2} o_2 \rightarrow co$ $co + \frac{1}{2} o_2 \rightarrow co_2$	$Fe_2O_3 + 3C \rightarrow 2Fe + 3CO$
$Si + o_2 \rightarrow SiO_2$	$Fe_2O_3 + 3CO \rightarrow 2Fe + 3CO_2$
$Fe + \frac{1}{2}o_2 \rightarrow FeO$	
$2Mn + o_2 \rightarrow 2MnO$	
$4P + 5o_2 \rightarrow 2P_2 O_5$	

Table4.1: Heating and cooling reactions of BOF



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.

CO₂ capture

The uses of coal for generation of 600 MW electricity produce approximately 5 MT of CO_2 annually. CPP's are one of the major contributors of CO_2 emissions in any steel plant. In view to limit the release of CO_2 in atmosphere it is necessary to capture CO_2 . There are several approaches for CO_2 capture out of which amine based CO_2 absorption systems are the most suitable for combustion based power plants. The amine based CO_2 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_2 . They are regenerated at elevated temperature. In view to limit the CO_2 release, It is suggested to install amine based CO_2 absorption unit at 600 MW CPP.

The equilibrium reactions describing the solution chemistry of CO₂ absorption with MEA

 $MEA + H_3O^+$: MEA + H_2O (amine protonation)

 $CO_2 + 2H_2O^+ :+ H_3O^+ + HCO^{3-}$ (bicarbonate formation)



 $HCO_{3}^{-} + H_{2}O :+ H_{3}O^{+} + CO_{3}^{2-}$ (carbonate formation)

 $MEA + HCO_3^- : + MEACOO^- + H_2O$ (carbamate formation)

 $2H_2O$: + H_3O^+ + OH^- (water hydrolysis)



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:

 $W_{above-ground}$ = 0.25 D² H (for trees with D<11) $W_{above-ground}$ = 0.15 D² H (for trees with D>11) $W_{above-ground}$ = Above-ground weight in pounds D = Diameter of the trunk in inches H = Height of the tree in feet

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

W_{total green weight} = 1.2* W_{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_{dry weight} = 0.725 * W_{total green weigh}

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%.

 $W_{carbon} = 0.5 * W_{dry weight}$

Step 4: Determine the weight of carbon dioxide sequestered in the tree CO2 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 CO2 in trees is determined by the ratio of CO2 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.

 $W_{carbon-dioxide} = 3.67 * W_{carbon}$



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 possibleway 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 sequestrationis 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 CO₂ emission intensity in Jharkhand Ispat Pvt. Ltd. has been calculated using ISO 14404 which is proposed by world steel Association. The CO₂ emission intensity in 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 CO₂ emission intensity. The Indian DRI industry consumes 8.8% of national annual industrial energy use and emits 11% of national annual CO2 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, SOx and PM2.5 emissions. There is a large contribution of NOx 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.



CO2 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

Ma

Site structure (the number of operated units)

Coke battery	BF > 1000 m ³	Open hearth	Cold rolling		A&P lines	
Sinter plant	100 <bf<1000< td=""><td>Hot rolling</td><td>HDG lines</td><td></td><td>Bright A lines</td><td></td></bf<1000<>	Hot rolling	HDG lines		Bright A lines	
Pellet plant	BF < 100 m ³	Lime kilns	EG lines		Batch Annealing	
Gas DRI	BOF shops	Oxygen plant	Tining lines		Argon/Oxy Decar	b
Coal DRI	EAF units	Power plant	Smelting Reducti	on	Vacuum Oxy Dec	arb

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 Total Steel Production (t) 49,060 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	Upstream CO ₂ value
	GJ/MWh	t CO ₂ /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		



				Site	data		Conversio	on factors		C	alculation resul	lts	
	Materals /Energies	Unit	Purchased Procured	Sold Delivered	C content Site measurement	Energy Equivalent	Emission Factor	Upstream CO ₂ value	Scope 1 Direct emissions	Scope 1.1 emissions	Scope 2 emissions	Scope 3 emissions	Total Energy
					t C/unit	GJ/unit	t CO ₂ /unit	t CO ₂ /unit	t CO ₂	t CO ₂	t CO ₂	t CO ₂	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/DRI 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
New	Petroleum coke	t			0.850	31.935	3.115		-			-	-
New	Used plastic	t				46.000	2.416		-			-	-
New	Used tires	t				35.000	2.199		-			-	-
	Heavy oil	m ³				37.700	2.907	0.276	-			-	-
	Light oil	m ³				35.100	2.601	0.247	-			-	-
	Kerosene	m³				34.700	2.481	0.247	-			-	-
	LPG	t				47.300	2.985		-			-	-
	LNG	k.m ³ N			0.550	35.900	2.015	0.665	-			-	-
	Natural gas	k.m ³ N			0.550	35.900	2.015	0.000	-			-	-
New	Green hydrogen	t				120.000		0.000	-			-	-
New	Blue hydrogen	t				120.000		1.800	-			-	-
New	Grey hydrogen	t				120.000		19.800	-			-	-
New	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	-			-	-
New	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	-			-	-
New	Charcoal based pig iron	t			0.047	20.900	0.172	1.855	-			-	-
New	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
New	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 5.987	-			-	-
	Ferro-Chromium	t					0.275		-				-
	Molybdenum oxides	t			0.001		0.004	6.500	-			-	-
	Ferro-Molybdenum Ferro-Manganese	t t			0.005		0.018 0.183	8.500 2.789	-			-	-
Maur	-						0.183						
New	Ferro-Silicon	t t			0.001			4.000	-			-	-
New	Silico-Manganese				0.005		0.018	5.000					-
New	Silicon (Metal) Electricity	t MWh	74,066		0.001	9.800	0.004	5.000 0.504	-		37,329	-	- 726
	Steam	t	74,000			9.800 3.800		0.504	-		- 37,329		- 726
									-		-	-	-
	Oxygen Nitrogen	k.m ³ N k.m ³ N				6.900 2.000		0.355	-			-	-
						2.000		0.103	-			-	-
	Argon	k.m ³ N				2.000		0.103	-			-	-



	Coke oven gas	k.m ³ N			0.228	19.000	0.835	0.977	-	-	-		-
	Blast furnace gas	k.m ³ N			0.243	3.300	0.890	0.170	-	-	-		-
	BOF gas	k.m ³ N			0.413	8.400	1.513	0.432	-	-	-		-
New	Waste heat	GJ				1.000		0.051	-		-		-
New	Ethanol	m ³			0.410	23.575		1.494	-			-	-
New	Methanol	m ³			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 CC	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	m3N
Volume	1	gal	0.003785	m3
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/m3N
Energy	1	mBTU/nt	1.162222	MJ/mt
Energy	1	BTU/gal	0.278530	MJ/m3



Common Name	Plant Spieces	Family	Number	Average Height above the ground (feet)	Average Diameter of the trunk (inches)	the tree above ground	Total Weight of the tree (pounds)	Dry weight of the tree (pounds)	Weight of the carbon present (pounds)	vveignt of carbon dioxide sequestere d (pounds)	Weight of the carbon sequestered (tonne)	Weight of the carbon sequestered (tonne/annum)
			1	1	1	TREES		1			1	
_	Monoon	Annonacea										
P	Longifolium	е	300	49	20	1470000	1764000	1278900	639450	2346781.5	1066.718864	355.572954
A lange la magaza i	Acacia	E-b	450	70	05	4000405	0400750	4500400.0	705004 075	0040540.0	4000 505500	440 400500
Akashmoni	auriculiformis	Fabaceae	150	78 82	25	1828125	2193750		795234.375	2918510.2	1326.595526	442.198508
Mimosa	Acacia farnesiana	Fabaceae	65	82	18	431730	518076	375605.1	187802.55	689235.36	313.2887993	104.429599
Chiku	Achrassapota	Sapotacea e	50	75	20	375000	450000	326250	163125	598668.75	272.1221591	90.7073863
		Simarouba										
	Ailanthus excels	ceae	45	65	26.3	505798.31	606957.975	440044.53	220022.266	807481.72	367.0371436	122.345714
Siris	Albizia amara	Fabaceae	50	64	45	1620000	1944000	1409400	704700	2586249	1175.567727	391.855909
-rywood	Albizia lebbeck	Fabaceae	45	70	27	574087.5	688905	499456.13	249728.063	916501.99	416.5918134	138.863937
Karoi	Albizia procera	Fabaceae	35	42	54	1071630	1285956	932318.1	466159.05	1710803.7	777.6380516	259.212683
		Apocynace										
Milkwood	Alstonascholaris	ae	45		12	58320	69984		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
	Bauhinia											
Bidi leaf	recemosa	Fabaceae	75	16	10	30000	36000	26100	13050	47893.5	21.76977273	7.25659090
	Bauhinia											
White Orchid	acuminata	Fabaceae	55	7	12	13860	16632	12058.2	6029.1	22126.797	10.057635	3.35254
Butterfly Tree	Bauhinia purpurea	Fabaaaa	65	15	6	8775	10530	7634.25	3817.125	14008.849	6.367658523	2.12255284
Shisham	Dalbergia sisoo	Fabaceae	75		70	6982500	8379000	6074775	3037387.5	11147212	5066.914602	1688.97153
omonam	Daibergia 51500	Anacardiac	13	70	10	0902300	0379000	0074773	3037307.3	11147212	5000.914002	1000.97100-
Mango	Mangifera indica	eae	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	87.0790909
	Peltophorumptero	monacouc						0.0200		0	20112012121	0110100000
Yellow Flame	carpum	Fabaceae	75	60	35	1378125	1653750	1198968.8	599484.375	2200107.7	1000.048935	333.349644
	Pithecellobium											
Manila Tamarind	ducle	Fabaceae	65	45	20	292500	351000	254475	127237.5	466961.63	212.2552841	70.7517613
Java Plum	Syzygium cumini	Myrtaceae	35	47	25	257031.25	308437.5	223617.19	111808.594	410337.54	186.5170632	62.172354
	Thespesia											
Tulip Tree	populnea	Malvaceae	45	62	32	714240	857088		310694.4	1140248.4	518.2947491	172.764916
Teak	Gmelina arborea	Lamiaceae	350		14	1715000	2058000		746025		1244.505341	414.835113
Indian Bael	Aegle marmelos	Rutaceae	30	26	8	12480	14976	10857.6	5428.8	19923.696	9.056225455	3.01874181
Banyan	Ficus benghalensis	Moraceae	35		112	9549120	11458944	8307734.4	4153867.2	15244693		2309.80191
			2190			-					23485.41917	7828.47305
Coldon Chause	Casaia Fistula	Feberar	75	40		Flowering tre		045040	400000	1551740 4	702 7440045	024 500400
Golden Shower	Cassia Fistula Michelia	Fabaceae Magnaliaaa	75	40	36	972000	1166400	845640	422820	1551749.4	703.7412245	234.580408
Champak	champaca	Magnoliace ae	50	85	62	4084250	4901100	3553297.5	1776648.75	6520300.9	2957.052568	085 69/190
Coral Tree	Erythrina Blakei	ae Fabaceae	45		45	4064250	1776937.5		644139.844	2363993.2	1072.1052566	985.6841893 357.3685900
	Barringtonia	Lecythidac	40	05	40	1400701.3	1710937.5	1200219.1	044153.044	2000000.2	1072.103772	337.3003900
Mango-pine	Acutangula	eae	50	82	26	692900	831480	602823	301411.5	1106180.2	501.6690272	167.223009
Yellow elder	Tecoma stans	Bignoniace	40		16							
		ae				25600	30720		11136	40869.12	18.5347483	6.17824943
Bottlebrush	Melaleuca citrina	Myrtaceae	60	25	24	216000	259200	187920	93960	344833.2		52.1289795
			320								5409.490278	1803.16342
												9631.63648



JHARKHAND ISPAT PRIVATE LIMITEI

ADMN. OFFICE

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



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 sirive to go beyond. The environmental management cell will be headed by EHS Manager, a well qualified and experienced environment engineer.
- J(PL 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.

before Kumen Alemont

RAJEEV KUMAR AGARWAL (Director) DIN: 00185559 EPIC LabTech Pvt. Ltd.

EPIC LabTech Private Limited

NABL vide certificate Number TC- 12887

Jharkhand State Pollution Control Board

ISO 9001:2015 and ISO 45001:2018



Annexure - 18

Analytical Test Report

Accredited by :-

Certified by :-

Unique Lat	Report N	o.	TC128872	400000284							
Report Ur	ique ID		RP039124	11510			Issu	e date/ti	me 13.	04.2024/	16:49
Discipline	Chem	nical	Group	Atmospheric Pol	lution	-	Sub G	roup	Ambient Air Quality		,
Report Iss											
		D IS	PAT PRI	ATE LIMITED	Con	tact Pe	erson	Mr. R#	m Chan	ira Rungi	a
VILL: HE		ARG	ADA, RAM	GARH,		tact Nu			3372921	· · · · ·	
ЛАККПА	ND				Ema				al@gmai		-
Order Nun	her	180	84256		Ord	er Date	2		.2024/		
				System (Steps of Tr	-				T/	/	
Customer				/PCB/0391			oking Nu	mber	EPIC-24	1510	
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Sampling i				nd CPCB Air Manu							-
Sampling Sampling			04.2024/ 14				End (D/T)		04,2024/	14.10	
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Si Teste	d Paramo	eters	Method used		Unit	Α	B	C	Limits	MU%	
4 0.0				10.5100 /0 000 0000		Bralen 3				400	
-	ulate Mat		the second second	tS:5182 (P-23) 20		µg/m³	92.02	94.95			± 3.24
	Particulate			IS 5182 (P-24) 20		µg/m ³	42.26	46.35		60	± 6.6
-	ur Dioxide		Clark Charles	IS:5182 (P-02) 20		µg/m ³	16.46	12.76		1	± 7.5
4. Nitrog	en Dioxid	e (NO	2)	IS:5182 (P-06) 20	022	µg/m³	36.63	30.24	34.31	80	± 4.53
					result End		10				
Prescribed	Limit			nmental (Protection)			hedule VI	I.			
Remarks	pic	Fan	Unit wa	as operational during	sampli	ng,	120			a conduct	
 Test perfor Laboratory The Test res Any complia Total liabiliti Total liabiliti All disputes Opinion do When the res 	ned at laborat is maintaining port shall not int about this y of EPIC Lab are subjected as not imply et asults are from	tory's per , Temper be reprover report shared to Rance ndorsem n externa	rature 25 ± 2°C a duced full or in p nould be commu- t. Ltd. will be lim chi Jurisdiction e ent of the tested al provider are m	f this report. and results relate only to the and Relative Humidity 45 ± ert & can't be used as proc nicated in writing within 101 ited to invoiced amount only nd maximum liability of the product by laboratory. Unc arked as * mark. Dervise by - A.K. Sinha Checked by	5 % in all of in the co days of its y. laboratory ter no circ	testing an ourt of law. issue (<u>ep</u> does not	ea as per IS Niclabtech@g exceed the i	196:1966 mail.com) esting and s accepts any	Laused by us	e or misuse of	
Langrado		No. of the second secon		(B.N. Kumar) Technical Head	E	c.tel	Ter	L	(Umesh Da aboratory H AUV EPIC	ae by s) holized Sig LabTech Lanchi, Jhe	natory Pvt. Ltu Irkhand

Annexure - 19





Annexure - 20

Jharkhand <jam.env2018@gmail.com>

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> To: ro.ranchi-mef@gov.in Cc: rdkolkata.cpcb@gov.in, ranchijspcb@gmail.com, jspcb_hazaribagh@rediffmail.com Bcc: Jharkhand <jam.env2018@gmail.com>

JIPL/2024-25

06/06/2024

Thu, Jun 6, 2024 at 10:39 AM

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**

JIPL - EC Compliance - Oct 23 to March -2023.pdf 17569K