



RAMGARH SPONGE IRON PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH - 829117 (JHARKHAND)
EMAIL- rsiplpra.ram@rediffmail.com
ramgarhsponge.in@gmail.com
WEBSITE- www.ramgarhsponge.in

WORKS:
VILLAGE-HOSIR,
P.O.- DADI P.S - GIDDI
DIST.-HAZARIBAGH, 829109, JHARKHAND
GSTIN : 20AACCR8706R1Z1

Letter No.- RSIPL/MOEF & CC/2024-25/52

Date: 01.07.2024

To,

The Regional Office,
Jharkhand State Pollution Control Board,
PTC Chokwk, Matwari Road
Hazaribagh – 825301

Sub: Compliance of conditions of Environmental Clearance.
Ref: EC Identification No.- EC22A008JH118531, dated 24.01.2022


Dear Sir,

As referred above, we have obtained Environmental Clearance of our unit Ramgarh Sponge Iron Pvt Ltd for enhancement of production of Sponge Iron from 90,000 TPA to 2,25,000 TPA, M.S. Billet 1,76,400 TPA by installation of 4X15 TPH Induction Furnace with CCM, Captive Power Plant 30 MW(WHRB 16 MW & AFBC 14 MW) and Rolling Mill of 1,50,000 TPA. Presently DRI Kilns of 4X100 TPD each are installed and in operation.

Under the provisions of Environmental (Protection) Act, 1986, we are submitting herewith six monthly compliance report of our unit for the period from 01.10.2023 to 31.03.2024. The same is enclosed for your information and record.

Thanking You,

Yours Sincerely,
For Ramgarh Sponge Iron Pvt. Ltd.


Authorized Signatory

*Ramgarh
S.I.P.
5/7/24*



01/L

COMPLIANCE OF ENVIRONMENTAL CLEARANCE

GRANTED BY MOEF & CC, NEW DELHI, EC Identification No. EC22A008JH118531, dated 24.01.2022
Proposal No. IA/JH/IND/193612/2019

Sl	CONDITION	COMPLIANCE/STATUS 01.10.2023 to 31.03.2024
A	SPECIFIC CONDITIONS:	
i.	Particulate matter emission from all the stacks shall not be exceed 30 mg/Nm ³	Particulate matter emission is under the prescribed limit. Copy of the stack emission report is attached as Annexure -1.
ii	Green belt shall be developed in 34% of the total area along the periphery of the plant with a density of 2500 sapling per hectare as committed by the PP.	Being complied.
iii.	2488 KLD water shall be sourced from Damodar river for proposed expansion. No ground water abstraction shall be permitted.	Only 4X100 TPD Sponge Iron kilns setup and in operation. Copy of the permission Letter issued by DVRRC and copy of the agreement executed with DVRRC for withdrawal of water are attached herewith as Annexure-2.
iv	100% solid waste generated in the facility shall be utilized.	Being Complied. Copies of the few sale invoices of Dolochar are attached as Annexure-3.
v.	All stockyards shall be having impervious flooring and shall be equipped with water spray system for dust suppression. Stock yard shall also have garland drains trap the run off material.	Being complied. Stockpiles are constructed on impervious Floors and garland drain is constructed with trap around the plant and around the stockpiles.
vi.	Slip roads shall be provided at the gates and along crossing on main roads to avoid traffic congestion.	Being complied.
vii.	Performance monitoring of all Pollution Control Devices shall be carried out annually and report submitted to MOEF&CC, Regional Office.	Complied. Performance Test Report of Pollution Control Equipments is attached herewith as annexure-4.
viii.	All internal and connecting roads to the Highway shall be black topped/concreted with suitable load in terms of Million Standard Axle (MSA) as per IRC guidelines.	Being complied.
ix.	Rain Water harvesting shall be implemented as per the action plan submitted in the EIA Report.	Hydrogeology Report of rain water Harvesting is attached herewith as Annexure-5.

Ramgarh Sponge Iron Pvt. Ltd.


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B.	GENERAL CONDITIONS	
	I. Statutory Compliance:	
i.	The environmental 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/construct to approvals/consent/permission 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.	CTE has been obtained from Jharkhand State Pollution Control Board. Only 4X100 TPD DRI Kilns has been setup and in operation which CTO is granted JSPCB. Copy of the CTE and CTO are attached herewith as Annexure-6 & 7.
	II. Air quality monitoring and preservation	
i.	The project proponent install 24X7 continuous emission monitoring system at process stacks to monitor stack emission as well as two Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environmental (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 time to time according to equipment supplier specification through lab recognized under Environmental (Protection Act), 1986 or NABL accredited laboratories.	In existing unit, Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters is installed. It is connected with the server of JSPCB and CPCB. Ambient Air Quality Monitoring Report is attached herewith as annexure-8.
ii.	The project proponent shall monitor fugitive emission in the plant premises at least once in every quarter through laboratories recognized under Environmental (Protection) Act, 1986 or NABL accredited laboratories.	Complied. Fugitive Emission Report is attached as Annexure -9.
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.	In existing unit, Electro Static Precipitator in the DRI kiln and Bag Filters in various sections are installed to adjoin the prescribed standards. Copy of the stack emission report is attached as Annexure -1.
iv.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Complied. A detail of Bag Filters with location is attached herewith as Annexure – 10.
v.	Recycled and reuse iron ore fines, coal and coke fines, lime fines and such other fines	Is being complied in the existing unit.

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	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.	Complied. Raw materials are transported through covered conveyor belt to control spillage and dust generation. Photographs of the same are attached as Annexure -11.
vii.	The project proponent shall provide primary and secondary fume extraction system at all melting furnaces.	Induction furnace unit is not in installed. As suggested it will be operated with running fume extraction system.
viii.	Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Complied.
	III. Water quality monitoring and preservation	
i.	The project proponent shall install 24X7 continuous effluent monitoring system with respect to standards prescribed in Environmental Protection Rule 1986 (G.S.R. 414 (E) dated 30 th May 2008; G.S.R. 277 (E) dated 31 st march 2012 (applicable to IF/EAF); S.O. 3305 (E) dated 7 th December 2015 (Thermal Power Plant) as amended from time to time and connected to SPCB and CPCB on line servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (protection) Act, 1986 or NABEL accredited laboratories.	No effluents discharged outside the plant premises. Ground water quality is monitored through recognized laboratory. Copy of Process Water, Ground Water, Effluent and Lechate Study Reports are attached herewith as Annexure-12.
ii.	Sewage Treatment Plant shall be provided for treatment of domestic waste water to meet the prescribed standards.	Domestic waste water is managed through soak pit and septic tank and being use for dust suppression system.
iii.	The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31 st March 2012 (applicable to IF/EAF) as amended from time to time.	Since Rolling Mill is not installed, so effluents from rolling mill are not generated.
iv.	Garland Drains and collection Pits shall be provided for each stock pile to arrest the run-off in event of heavy rains and to check the water pollution due to surface run-off.	Being complied.
	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.	Noise levels in and around the plant area is being kept well within the standards by providing noise control measures-such as acoustic enclosures, isolations, lagging and providing rubber packing. Monitoring data of Ambient Noise Level of day and night time is attached herewith as Annexure-13.

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	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.	Being complied. Solar lights and LED lights are provided in the plant. A detail of LED light with location is attached herewith as Annexure-14.
	VI. Waste management	
i	Used refractories shall be recycled as far as possible.	Being complied.
ii.	Kitchen waste shall be composed or converted to biogas for further use.	Being complied. Kitchen waste is composted and used as manure in horticulture.
	VII. Green Belt	
i	The project proponent shall prepare GHG emission inventory for the plant and shall submit the program for reduction of the same including carbon sequestration including plantation.	Being complied.
	VIII. Public hearing and Human health issue	
i	Emergency preparedness plan based on the Hazardous Identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.	Complied. Emergency Preparedness Plan for Hazard Identification and Risk Assessment Plan approved by the Chief Inspector of factories, Jharkhand is attached herewith as annexure-15.
ii.	The project proponent shall carry out heat stress analysis for the workers who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of the Factory Act.	Being complied.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Complied. Regular Occupational Health Surveillance of the workers is being done and records are maintained. Copy of the Report of the workers is attached herewith as Annexure-16.
	IX. Environmental management	
i.	The project proponent shall comply with the provisions contained in the Ministry's OM vide F.No.22-65/2017-IA.III dated 30.09.2020	Being complied.
ii.	The company shall have a well laid down environmental policy dully approve by the Board of Directors. The environmental policy should prescribe for standard operation procedures to have proper checkup and balances and to bring into focus any infringements/deviation/violation of the environmental/forest/wildlife norms/conditions. The company shall have define system of reporting infringements/deviation/violation of environmental/forest/wildlife	Based on the principle of the managing environment resources for benefit and the enjoyment of the both current and future generation, the company has adopted Environmental Policy and the same has been approved by the Board of Directors of the Company. Copy of the Board Resolution and Environmental policy is attached herewith as Annexure-17.

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	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.	An Environmental Managing Cell is headed by qualified environmental engineer to deal with environmental monitoring, environmental system, environmental performance, required compliance and liaisoning with regulatory authority. Copy of the same is attached herewith as Annexure-18.
X. Miscellaneous		
i	The project proponent shall make public the environmental clearance granted for their project along with environmental conditions and safeguard at their cost by prominently advertising it at list two local news papers of the District or State, of which one shall be in vernacular language within seven days and in addition this shall also be displayed in the project proponent website permanently.	Complied. Copy of the news paper advertisement regarding grant of environmental clearance is attached herewith as Annexure-19. Copy of the screen shot of the website regarding upload of EC is attached as Annexure-20.
ii	The copies of the environmental clearance shall be submitted by the project proponent to the Head 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.	Complied. Copy of the environmental clearance submitted to Zila Parishad, Hazaribagh and Panchyat Office. Receipted copy of the letter is attached herewith as Annexure-21.
iii.	The project proponent shall upload the status of the compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and upload the same on half-yearly basis.	Complied. Copy of the Screen Shot of the website regarding upload of compliance status of E.C. is attached herewith as Annexure-20.
iv.	The project proponent shall monitor the criteria pollutants level namely; PM10, SO2, NOx (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at the convenient location for disclosure to the public and put on the website of the company.	Being complied.
v.	The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the Ministry of Environment, Forest and Climate Change at environment clearance portal.	Being Complied.
vi.	The project proponent shall submit environmental statement for each financial year in Form V to the concerned State	Complied. Copy of the Environmental Statement for the financial year ending 31 st march 2023 in Form V is attached as

Rangarh Sponge Iron Pvt. Ltd.


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	Pollution Control Board as prescribed under the Environmental (Protection) Act, 1986, as amended subsequently and put on the website of the company.	Annexure-22. Copy of the Screen Shot of the website regarding upload of Environmental Statement is attached herewith as Annexure-20.
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 land development work and start of production by the project.	Only one DRI kiln of 100 TPD capacity of the project is installed. A detail regarding the project cost and date of start of Production is attached herewith as Annexure-23.
viii.	The project proponent shall abide by the all the commitments and recommendations made in the EIA/EMP report, commitment made in the Public Hearing and also that during their presentation to the Expert Appraisal Committee.	Being complied.
.ix.	No further expansion or modification in the plant shall be carried out without prior approval of the Ministry of Environment, Forest & Climate Change (MoEF & CC).	Being Complied.
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 Environmental (Protection) Act, 1986.	Noted.
xi.	The ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.	Noted.
xii.	The Ministry reserves the right to stipulate additional conditions if found necessary. The company in a time bound manner shall implement these conditions.	Noted.
xii.	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 report.	Noted.
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.

Ramgarh Sponge Iron Pvt. Ltd.


Authorized Signatory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

DATE OF REPORT: 15.02.2024

TEST REPORT NO: ETS/1016/02/2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date Of Sampling : 05.02.2024

Analysis Start Date : 08.02.2024

Analysis End Date : 10.02.2024

Duration Of Sampling : 60.0MIN

Sample ID No. : 1016

Sampling Done By : ETS STAFF

Sampling Method : ETS/STP/ STACK-01

Stack Attached To : STACK NO-1 ATTACHED TO KILN -1 AND 2

Capacity Of Stack : 100 TPD

Quantity Of Fuel Used : 500.0 TPH

Type Of Fuel Used : COAL

Stack Height Above Ground : 45.0 MTR.

Stack Dia At The Top : 914.0 MM

Material Of Construction : M.S

Attached APCS : ESP

Normal Operating Schedule : NORMAL

Ambient Temperature : 25.0^o C

Flue Gas Temperature : 148.0^o C

Velocity Of Flue Gases : 7.4 MTR./SEC.

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	mg/Nm ³	28.6	30	IS-11255 (Part-1)
2	Sulphur Dioxide,(SO ₂)	mg/Nm ³	116.2	600	IS-11255 (Part-2)
3	Carbon Monoxide,(CO)	%v/v	0.90	1	IS: 13270

*****End of Test Report*****



For ENVIRO-TECH SERVICES

 AUTHORIZED SIGNATORY
 Quality Manager

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO: ETS/1017/02/2024

DATE OF REPORT: 15.02.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date Of Sampling : 05.02.2024

Analysis Start Date : 08.02.2024

Analysis End Date : 10.02.2024

Duration Of Sampling : 60.0MIN

Sample ID No. : 1017

Sampling Done By : ETS STAFF

Sampling Method : ETS/STP/ STACK-01

Stack Attached To : STACK-2 ATTACHED TO KILN 3

Capacity Of Stack : 100 TPD

Quantity Of Fuel Used : 500.0 TPH

Type Of Fuel Used : COAL

Stack Helght Above Ground : 45.0 MTR.

Stack Dia At The Top : 914.0 MM

Material Of Construction : M.S

Attached APCS : ESP

Normal Operating Schedule : NORMAL

Ambient Temperature : 25.0^o C

Flue Gas Temperature : 160.0^o C

Velocity Of Flue Gases : 8.56 MTR./SEC.

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	mg/Nm ³	26.4	30	IS-11255 (Part-1)
2	Sulphur Dioxide,(SO ₂)	mg/Nm ³	120.5	600	IS-11255 (Part-2)
3	Carbon Monoxide,(CO)	%v/v	0.85	1	IS: 13270

*****End of Test Report*****

CHECKED BY
PURNIMA SINGH

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO: ETS/1018/02/2024

DATE OF REPORT: 15.02.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date Of Sampling : 05.02.2024

Analysis Start Date : 08.02.2024

Analysis End Date : 10.02.2024

Duration Of Sampling : 60.0MIN

Sample ID No. : 1018

Sampling Done By : ETS STAFF

Sampling Method : ETS/STP/ STACK-01

Stack Attached To : STACK NO -3 ATTACHED TO KILN-4

Capacity Of Stack : 100 TPD

Quantity Of Fuel Used : 500.0 TPH

Type Of Fuel Used : COAL

Stack Height Above Ground : 45.0 MTR.

Stack Dia At The Top : 914.0 MM

Material Of Construction : M.S

Attached APCS : ESP

Normal Operating Schedule : NORMAL

Ambient Temperature : 25.0° C

Flue Gas Temperature : 155.0° C

Velocity Of Flue Gases : 7.80 MTR./SEC.

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters.(PM)	mg/Nm ³	25.3	30	IS-11255 (Part-1)
2	Sulphur Dioxide,(SO ₂)	mg/Nm ³	127.6	600	IS-11255 (Part-2)
3	Carbon Monoxide,(CO)	%v/v	0.83	1	IS: 13270

*****End of Test Report*****

CHECKED BY
PURNIMA SINGH

FOR ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-05, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

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2. The results indicated only refer to the tested samples and listed applicable parameters.
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6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन नदी विकास एवं गंगा संरक्षण विभाग
केंद्रीय जल आयोग
डामोदर घाटी जलाशय नियंत्रण यूनिट
मैथन, धनबाद (झारखण्ड)



Government of India
Ministry of Jal Shakti
Dept. of Water Resources, RD&GR
Central Water Commission
Damodar Valley Reservoir Regulation Unit
Maithon, Dhanbad (Jharkhand)

No. MD/DVRR/W-6(145)/2022/755-60

Date: 20.12.2022

To,

The Chief Executive Officer,
Ramgarh Sponge Iron Private Ltd.,
Adarsh Colony, Behind Ashok Cinema, Ranchi Road,
Ramgarh – 829117.

Sub :- Concurrence for drawl of 0.6 MGD (2735.5 m³per day) raw water from River Damodar, Upstream of Tenughat Reservoir :- reg.

Ref: (1) Your application No. RSIPL/19-20/045 dt. 20.12.2019
(2) GoJ letter No.- 1/PMC/MISC/959/2020/528 dt. 15.06.2022
(3) DVRRRC letter No.- MD/DVRR/W-6/145/2022/718-37 dt. 16.12.2022

Sir,

Please refer the letter under reference (i) vide which request was made for allocation of 0.6 MGD (2735.5 m³per day) of raw water from River Damodar, Upstream of Tenughat Reservoir at village Dundua, Patraru, Ramgarh for your project Ramgarh Sponge Iron Private Ltd, Ramgarh. The NOC was obtained from the Engineer-in-Chief, Water Resources Department, Govt. of Jharkhand vide letter under reference (ii). On the recommendation of the 29th Sub-Committee of DVRRRC, the case was submitted for consideration in 145th meeting of DVRR Committee held on 24.11.2022 at Ranchi and was accepted. The minutes of the 145th DVRRRC meeting has already been circulated to the concerned officials vide letter under reference (iii). The concurrence of DVVRC for allocation of 0.6 MGD (2735.5 m³per day) of raw water is hereby conveyed for drawal from River Damodar, Upstream of Tenughat Reservoir. The allocation is subject to the following conditions :

- (A) Exact location for drawl of water may be decided in consultation with DVC. The water shall be drawn from the reservoir as and when available and intake structure/conveyance system should be designed accordingly. As sufficient water in the reservoir may not be available during certain days in the year particularly during summer months, you may have to make arrangement for captive storage to meet water requirement in such situations.
- (B) Adequate care should be taken in design and construction of the intake structure to ensure availability of water even during summer months. The intake structure should also be able to withstand the high levels in the river.
- (C) The sourcing point and concurrence of water drawl 0.6 MGD (2735.5 m³per day) in project specific . The water drawn shall, in no way be utilized by the department for any other purposes.

- (D) You shall have to execute an agreement with DVC and pay charges to DVC for the water drawn by it as per the terms and conditions in force. The allocation will come into effect from the day of execution of the agreement with DVC. The allocation of water will be treated as cancelled, if your office does not apply to DVC for executing agreement for drawl of water within a period of 3 (three) months from the date of issue of this letter.
- (E) Drawl of water should start within 24 months from the date of issue of this letter. In case of non drawl after lapse of 24 months from the date of issue of this letter, the allocation shall deem to be cancelled and the department will have to apply a fresh for revalidation of allocation.

The present allocation is temporarily allocated subject to fulfilment of all the primary formalities within the stipulated time period.

Yours faithfully



(Shashi Rakesh)

Member Secretary, DVRRC

Copy to the:

1. Secretary, Industrial Department, Government of Jharkhand, Nepal House, Doranda Ranchi - 834002.
2. Chief Engineer (P&M), Water Resources Department, Government of Jharkhand, Nepal House, Doranda, Ranchi - 834002.
3. Chief Engineer, Water Resources Department, Government of Jharkhand, Jheel Road, Dist.- Hazaribagh .
4. Executive Director (Civil) & H.O.P, Damodar Valley Corporation Maithon .
5. Manager, Reservoir Operation, DVC, Maithon.

एरिया नंबर 2

मैथन डैम - ८२८२०७

दूरभाष: ०६५४०-२७४२१४ ,

ई मेल: sehocmaithon-cwc@gov.in

•जन संरक्षण-सुरक्षित मविष्य•



Area No 2,

Maithon Dam-828207

Tel: 06540-274214

E-mail: sehocmaithon-cwc@gov.in

•Conserve Water- Save Life•

Ramgarh Sponge Iron Pvt. Ltd.

SALE INVOICE

Under Rule 7 referred to Section-31 of the CGST ACT, 2017

ORIGINAL FOR RECIPIENT



Details of Supplier

Name : **Ramgarh Sponge Iron Pvt. Ltd.**
 Address : Village - HOSIR, P.O. - Giddi, Hazaribagh - 829109, Hazaribagh
 State Name : JHARKHAND State Code : 20 Country :
 GSTIN : 20AACCR8706R1Z1 CIN No. :
 PAN No. : AACCR8706R

Order No. : DC23307-002
 Order Date : 07-03-2024
 Party Ref No. : CHARCOAL LUMPS
 Party Ref Dc : 06-MAR-2024

Serial No. Invoice : SB23Y-03683
 Date of Invoice : 07-03-2024

E-Way Bill Number :
 E-Way Bill Date :
 Preparation Time :
 Removal Time :

Details of Recipient (Billed to)

JAI SHREE MAHAKAL ENTERPRISES
 427/2, P.H.N 25 GRAM SILODAMORU, UJJAIN MADHAYA
 PRADESH, MADHYA PRADESH - 456006, UJJAIN State Code : 23
 State Name : MADHYAPRADESH
 GSTIN : 23BHPPS2166A1ZG
 PAN No. : BHPPS2166A
 Contact Detail :

Details of Consignee (Shipped to)

JAI SHREE MAHAKAL ENTERPRISES
 427/2, P.H.N 25 GRAM SILODAMORU, UJJAIN MADHAYA PRADESH, MADHYA
 PRADESH - 456006, UJJAIN State Code : 23
 State Name : MADHYAPRADESH
 GSTIN : 23BHPPS2166A1ZG
 PAN No. : BHPPS2166A
 Contact Detail :
 Place of Supply: MADHYA PRADESH

Transporter Details

Name : SELF LR Date :
 LR No. : Mode :
 Vehicle No. : JH05Y3262
 Wslip No. : 25073241313
 From Place : HUSIR GIDDI
 To Place : MADHYA PRADESH

IRN Dt. : 07-03-2024

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable Value	Rate %	CGST Amt.	Rate %	SGST Amt.	Rate %	IGST Amt.	Rate %	CESS
1	DOLOCHAR LUMPS	261900	25.880	MT	100.00	2,588.00		2,588.00								2,588.00
Total :						2,588.00		2,588.00								465.84

IRN No. : 86144b70372c9418445313f92100586191510e61985592d10d2395a771c849
 Currency Code : INR Exchange Rate : 1
 Amount of Tax subject to Reverse Charges (Y / N)

Freight Basis : EX-FACTORY
 Total Tax Value (In Word) : Rs - Four Hundred Sixty Five And Paise Eighty Four Only.
 Total Invoice Value (In Word) : Rs - Three Thousand Fifty Four Only.

Terms & Conditions
 Total GST Value (INR) : 465.84
 Total Invoice Value (INR) : 3,053.84
 For Ramgarh Sponge Iron Pvt. Ltd.
 Authorised Signr

Ramgarh Sponge Iron Pvt. Ltd.
 Authorised Signatory





Ramgarh Sponge Iron Pvt. Ltd.

SALE INVOICE

Under Rule 7 referred to Section-11 of the CGST ACT, 2017

ORIGINAL FOR RECEIPT

Order No. : 012309-002
 Order Date : 09-02-2024
 Party Ref No. : MACHET RALLY
 Party Ref Dt. : 22 JAN 2024

Serial No. Invoice : 50137-01477
 Date of Invoice : 10-02-2024

Details of Supplier
 Name : Ramgarh Sponge Iron Pvt. Ltd.
 Address : Village - HOSIR, P.O. - Giddi, Hazaribagh - 829109, Hazaribagh
 State Name : JHARKHAND State Code : 20 Country :
 GSTIN : 20AACCR8706R1Z1
 PAN No. : AACCR8706R CIN No. :

Details of Recipient (Billed to)
 LAXMI ENTERPRISES
 BLOCK NO. 75/896, DIN DAYAL AWAS, KABIR NAGAR
 TATIBANDH, RAIPUR - 492099, INDIA
 State Name : CHHATTISGARH State Code : 22
 GSTIN : 22CTMPM2557B1ZTW
 PAN No. : CTMPM2557B
 Contact Detail :

Details of Consignee (Shipped to)
 LAXMI ENTERPRISES
 BLOCK NO. 75/896, DIN DAYAL AWAS, KABIR NAGAR TATIBANDH, RAIPUR -
 492099, INDIA
 State Name : CHHATTISGARH State Code : 22
 GSTIN : 22CTMPM2557B1ZTW
 PAN No. : CTMPM2557B
 Contact Detail :

Details of Recipient (Billed to)
 LAXMI ENTERPRISES
 BLOCK NO. 75/896, DIN DAYAL AWAS, KABIR NAGAR
 TATIBANDH, RAIPUR - 492099, INDIA
 State Name : CHHATTISGARH State Code : 22
 GSTIN : 22CTMPM2557B1ZTW
 PAN No. : CTMPM2557B
 Contact Detail :

Details of Consignee (Shipped to)
 LAXMI ENTERPRISES
 BLOCK NO. 75/896, DIN DAYAL AWAS, KABIR NAGAR TATIBANDH, RAIPUR -
 492099, INDIA
 State Name : CHHATTISGARH State Code : 22
 GSTIN : 22CTMPM2557B1ZTW
 PAN No. : CTMPM2557B
 Contact Detail :

Transporter Details
 Name : SELF
 LR No. :
 Vehicle No. : CG1401611
 Wsisp No. : 25092241605
 From Place : HUSIR GIDDI
 To Place : CHHATTISGARH
 LR Date :
 Mode : By Road

SR. No.	Description of Goods	HSN/SAC No.	QTY	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	Rate %	CGST Amt.	SGST Amt.	IGST Amt.	CESS %
1	DOLLOCHAR LUMPS	261900	28.880	MT	300.00	8,664.00		8,664.00				1,559.32	9.664
Total :													
Currency Code : INR Exchange Rate : 1													
Amount of Tax subject to Reverse Charges (Y / N)													
Freight Basis : EX-FACTORY													
Total Tax Value (In Word) Rs - One Thousand Five Hundred Fifty Nine And Paise Fifty Two Only.													
Total Invoice Value (In Word) Rs - Ten Thousand Two Hundred Twenty Four Only.													
Terms & Conditions													

IRN No. : 70ec3711ca41702900fdd296ba027c74a3dd05458a274b1f5aeb7b36c55c17e
 IRN Dt. : 10-02-2024
 Total GST Value (INR) 1.55
 Total Invoice Value (INR) 10.2
 For Ramgarh Sponge Iron Pvt.
 Authorised Sign

Ramgarh Sponge Iron Pvt. Ltd.

Authorised Signatory

Ramgarh Sponge Iron Pvt. Ltd.

SALE INVOICE

Under Rule 7 referred to Section-31 of the CGST ACT, 2017

ORIGINAL FOR RECEIPT



Details of Supplier

Name : Ramgarh Sponge Iron Pvt. Ltd.
 Address : Village - HOSIR, P.O. - Giddi, Hazaribagh - 829109, Hazaribagh
 State Name : JHARKHAND State Code : 20 Country :
 GSTIN : 20AACCR8706R1Z1
 PAN No. : AACCR8706R CIN No. :

Order No. : DC21103-002

Order Date : 03-01-2024

Party Ref No. : CUAPCOAL LUMPS

Party Ref Dt. : 01-JAN-2024

Serial No. Invoice : 58237-010413

Date of Invoice : 04-01-2024

E-Way Bill Number

E-Way Bill Date

Preparation Time

Removal Time

Transporter Details

Name : SELF
 LR No. :
 Vehicle No. : UP63T97715
 WSIP No. : 25041241106
 From Place : HUSIR GIDDI
 To Place : MADHYA PRADESH

Details of Recipient (Billed to)

BHOOMI TRADERS
 WARD NO. 09, MAKAN NO. 169, PURANI BASTI, UTTAR DARWAZA
 MAIHAR, SATNA - 485771, INDIA
 State Name : MADHYAPRADESH State Code : 23
 GSTIN : 23CUAPK9428A1Z0
 PAN No. : CUAPK9428A
 Contact Detail :

Details of Consignee (Shipped to)

BHOOMI TRADERS
 WARD NO. 09, MAKAN NO. 169, PURANI BASTI, UTTAR DARWAZA
 MAIHAR, SATNA - 485771, INDIA
 State Name : MADHYAPRADESH State Code : 23
 GSTIN : 23CUAPK9428A1Z0
 PAN No. : CUAPK9428A
 Contact Detail :
 Place of Supply: MADHYA PRADESH

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	Rate %	CGST Amt.	SGST Amt.	IGST Amt.	CE-13
1	DOLOCHAR LUMPS	261900	31.300	MT	100.00	3,130.00		3,130.00					
			Total :			3,130.00		3,130.00					

Currenty Code : INR Exchange Rate : 1
 Amount of Tax subject to Reverse Charges (Y / N)
 Freight Basis : EX-FACTORY

Total Tax Value (In Word) Rs - Five Hundred Sixty Three And Paise Forty Only.
 Total Invoice Value (In Word) Rs - Three Thousand Six Hundred Ninety Three Only.
 Total GST Value (INR) 54
 Total Invoice Value (INR) 3,184

Terms & Conditions
 For Ramgarh Sponge Iron Pvt.
 Authorized Sign

Ramgarh Sponge Iron Pvt. Ltd.

Authorized Signatory



Ramgarh Sponge Iron Pvt. Ltd.

SALE INVOICE

Under Rule 7 referred to Section-11 of the CGST ACT, 2017

ORIGINAL FOR RECEIPT

Details of Supplier

Name : Ramgarh Sponge Iron Pvt. Ltd.
 Address : Village - HOSIR,P.O. - Giddi,Hazaribagh - 829109,Hazaribagh
 State Name : JHARKHAND State Code : 20 Country :
 GSTIN : 20AACCR8706R1Z1
 PAN No. : AACCR8706R CN No. :

Order No. : DCJ011-004

Order Date : 11-12-2023

Party Ref No. : CHARCOAL Lumps
Party Ref Dt. : 10-DEC-2023

Serial No. Invoice

Date of Invoice

E-Way Bill Number

E-Way Bill Date

Preparation Time

Removal Time

5825F-62849

11-12-2023

Details of Recipient (Billed to)

DEV ENTERPRISES
 WARD NO 2, SARJAMDA JAISWAL HOUSE, GURUDWARA
 ROAD,,PARSUDIH - 831002,EAST SINGHBHUM,JINDIA
 State Name : JHARKHAND State Code : 20
 GSTIN : 20AGKPPJ7154N1Z6
 PAN No. : AGKPPJ7154N
 Contact Detail :

Details of Consignee (Shipped to)

DEV ENTERPRISES
 WARD NO 2, SARJAMDA JAISWAL HOUSE, GURUDWARA
 ROAD,,PARSUDIH - 831002,EAST SINGHBHUM,JINDIA
 State Name : JHARKHAND State Code : 20
 GSTIN : 20AGKPPJ7154N1Z6
 PAN No. : AGKPPJ7154N
 Contact Detail :

Transporter Details

Name : SELF LR No. :
 Vehicle No. : JH12C8881 LR Date :
 Whelp No. : 2511D231632 Make : By Hand
 From Place : HUSIR GIDDI
 To Place : SARAIKELA

IRN No. : d543e1c1beae46ca27b2b65078f8ce50753fa4d9a95a8ebd1f8ceeb82bdfdd30f9

IRN Dt. : 11-12-2023

Sr. No.	Description of Goods	HSN/SAC No.	QTY	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	Rate %	CGST Amt.	Rate %	SGST Amt.	Rate %	IGST Amt.	Rate %	CESS
1	DOLOCHAR LUMPS	261900	23.920	MT	100.00	2,392.00		2,392.000	9	215.28	9	215.28		215.28		2,392
Total :			23.920			2,392.00		2,392.00		215.28		215.28		215.28		2,392

Currency Code : INR Exchange Rate : 1
 Amount of Tax subject to Reverse Charges (Y / N)

Freight Basis : EX-FACTORY
 ROUND OFF

Total Tax Value (In Word) : Rs - Four Hundred Thirty And Paise Fifty Six Only .
 Total Invoice Value (In Word) : Rs - Two Thousand Eight Hundred Twenty Three Only .
 Total GST Value (INR) : 2,392
 Total Invoice Value (INR) : 2,8

Terms & Conditions : For Ramgarh Sponge Iron Pvt. Ltd.
 Authorised Sign

Page : 1 of 1

Ramgarh Sponge Iron Pvt. Ltd.
 Authorised Signatory

Authorised Signatory

Ramgarth Sponge Iron Pvt. Ltd.

SALE INVOICE

Under Rule 7 referred to Section-31 of the CGST ACT, 2017

ORIGINAL FOR RECEIPT



Details of Supplier

Name : Ramgarth Sponge Iron Pvt. Ltd.
 Address : Village - HOSIR, P.O. - Giddi, Hazaribagh - 829109, Hazaribagh
 State Name : JHARKHAND State Code : 20 Country :
 GSTIN : 20AACCR8706R1Z1
 PAN No. : AACCR8706R CIN No. :

Order No. : DC23N04-024
 Order Date : 04-11-2023
 Party Ref No. : CHACOAL LUMPS
 Party Ref Dt. : 02-NOV-2023

Serial No. Invoice : 58233T-015712
 Date of Invoice : 05-11-2023

E-Way Bill Number :
 E-Way Bill Date :
 Preparation Time :
 Removal Time :

Transporter Details

Name : SELF LR No. :
 Vehicle No. : UP63AT2220 LR Date :
 Mode :
 Wslip No. : 2505N230824
 From Place : HUSIR GIDDI
 To Place : MADHYA PRADESH

Details of Recipient (Billed to)

BAGESHWAR ENTERPRISES
 UTSAV DHARAKANT, SHOHAWAL, SATNA - 485001, SATNA, INDIA
 State Name : MADHYAPRADESH State Code : 23
 GSTIN : 23BCPPG7354D1ZO
 PAN No. : BCPPG7354D
 Contact Detail :

Details of Consignee (Shipped to)

BAGESHWAR ENTERPRISES
 UTSAV DHARAKANT, SHOHAWAL, SATNA - 485001, SATNA, INDIA
 State Name : MADHYAPRADESH State Code : 23
 GSTIN : 23BCPPG7354D1ZO
 PAN No. : BCPPG7354D
 Contact Detail :
 Place of Supply: MADHYA PRADESH

IRN No. : fddfa15e36bd31f4412a021d8f7f38c86a4b92800f2e0a853556938a729176f0

IRN Dt. : 05-11-2023

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	Rate %	CGST Amt.	SGST Amt.	IGST Amt.	IGST %	CGST	SGST	IGST	CGST	
1	DOLLOCHAR LUMPS	261900	30.980	MT	100.00	3,098.00		3,098.00										
Total :			30.980			3,098.00		3,098.00										

Currency Code : INR Exchange Rate : 1
 Amount of Tax subject to Reverse Charges (Y / N) :
 Freight Basis : EX-FACTORY

Total Tax Value (Tn Word) : Rs - Five Hundred Fifty Seven And Paise Sixty Four Only.
 Total Invoice Value (Tn Word) : Rs - Three Thousand Six Hundred Fifty Six Only.

Total GST Value (INR) :
 Total Invoice Value (INR) :
 For Ramgarth Sponge Iron Pvt.

Terms & Conditions

Page : 1 of 1
 Authorised Signatory

Ramgarth Sponge Iron Pvt. Ltd.
 Authorised Signatory

Authorised Signatory

From 05-11-2023



Ramgarh Sponge Iron Pvt. Ltd.

SALE INVOICE

Under Rule 7 referred to Section-31 of the CGST ACT, 2017

ORIGINAL FOR RECEIPT



Order No. : DC23007-007

Order Date : 07-10-2023

Party Ref No. : QUANTALUMPS

Party Ref Dt. : 06-OCT-2023

Serial No. Invoice : 58237-02215

Date of Invoice : 06-10-2023

E-Way Bill Number

E-Way Bill Code

Registration Time

Removal Time

Transporter Details

Name : SELF

VEHICLE NO. : UP63T9828

WHDG NO. : 25080230721

FROM PLACE : MUSIR GDDI

To Place : MADHYA PRADESH

Details of Consignee (Shipped to)

BAGESHWAR ENTERPRISES

UTSAV DHARMKANTA, SHOHAWAL, SATNA - 485001, SATNA, INDIA

State Name : MADHYAPRADESH State Code : 23

GSTIN : Z3BCPPG7354D1Z0

PAN No. : BCPPG7354D

Contact Detail : Place of Supply: MADHYA PRADESH

Details of Recipient (Billed to)

BAGESHWAR ENTERPRISES

UTSAV DHARMKANTA, SHOHAWAL, SATNA - 485001, SATNA, INDIA

State Name : MADHYAPRADESH State Code : 23

GSTIN : Z3BCPPG7354D1Z0

PAN No. : BCPPG7354D

Contact Detail :

Place of Supply: MADHYA PRADESH

IRN No. : bhc38rd94ed360572957520045367a7d6386a841f3cb34f6fb2630c90353ec9

Sr. No.	Description of Goods	HSN/SAC No.	QTY	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	Rate %	CGST	SGST	IGST	Rate %	CGST	SGST	IGST	Rate %	
1	DOLOCHAR LUMPS	261900	30.800	MT	100.00	3,080.00		3,080.00										
Total :			30.800			3,080.00		3,080.00										

Freight Basis : EX-FACTORY

Currency Code : INR Exchange Rate : 1
 Amount of Tax subject to Reverse Charges (V / N)
 Total Tax Value (In Word) : Rs - Five Hundred Fifty Four And Paise Forty Only -
 Total Invoice Value (In Word) : Rs - Three Thousand Six Hundred Thirty Four Only -

CGST TAXABLE VALUE : 3,080.00
 IGST : 369.60
 Total GST Value (INR) : 3,449.60
 Total Invoice Value (INR) : 6,529.60

Terms & Conditions

For Ramgarh Sponge Iron Pvt.

Authorised Sign

Ramgarh Sponge Iron Pvt. Ltd.

Authorised Signatory

TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/01
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 05.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Kiln Stack (Kiln 1 & 2)
Emission due to	: Burning of Coal
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 40
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: (ESP Inlet 1.40 m & ESP Outlet 1.80 m)
Fuel used	: Coal
Fuel consumption	: 230 TPD
Details of Pollution Control Device	: ESP

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	ESP Inlet	ESP Outlet	
Ambient air temperature ($^{\circ}\text{C}$)	35	35	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, ($^{\circ}\text{C}$)	204	138	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	750	750	-
Stack gas velocity, (m/sec)	12.78	6.85	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm^3/hr),	44,264	45,504	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO_2 , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of CO , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm^3	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm^3	-	-	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm^3	1640	92	IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 94.39% at present.

Note:

1. The results relate only to the items sampled and tested.
2. Test report shall not be reproduced except in full without written approval of the laboratory.

Niraj

Dr. Niraj Kumar Singh
(Authorized Signatory)

-- End of Report --

SAVE THE EARTH WITH THE RIGHT PRACTICE

TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/02
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 05.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Kiln Stack (Kiln 3)
Emission due to	: Burning of Coal
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 40
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: (ESP Inlet 1.40 m & ESP Outlet 1.80 m)
Fuel used	: Coal
Fuel consumption	: 115 TPD
Details of Pollution Control Device	: ESP

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	ESP Inlet	ESP Outlet	
Ambient air temperature (^o C)	36	36	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, (^o C)	196	132	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	750	750	-
Stack gas velocity, (m/sec)	12.24	6.80	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm ³ /hr),	43,117	45,842	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO ₂ , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of CO, (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm ³	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm ³	-	-	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm ³	1574	87	IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 94.47% at present.

Note:

- The results relate only to the items sampled and tested.
- Test report shall not be reproduced except in full without written approval of the laboratory.

Niraj

Dr. Niraj Kumar Singh
(Authorized Signatory)

-- End of Report --

TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/03
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 05.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Kiln Stack (Kiln 4)
Emission due to	: Burning of Coal
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 40
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: (ESP Inlet 1.40 m & ESP Outlet 1.80 m)
Fuel used	: Coal
Fuel consumption	: 115 TPD
Details of Pollution Control Device	: ESP

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	ESP Inlet	ESP Outlet	
Ambient air temperature (^o C)	34	34	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, (^o C)	188	130	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	752	752	-
Stack gas velocity, (m/sec)	12.56	7.0	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm ³ /hr),	45,012	47,469	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO ₂ , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of CO, (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm ³	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm ³	-	-	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm ³	1368	96	IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 92.98% at present

Note:

1. The results relate only to the items sampled and tested.
2. Test report shall not be reproduced except in full without written approval of the laboratory.

Niraj

Dr. Niraj Kumar Singh
(Authorized Signatory)

-- End of Report --

TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/04
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 06.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Coal Circuit Stack
Emission due to	: Process Activities
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 35
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: 0.60
Fuel used	: -
Fuel consumption	: -
Details of Pollution Control Device	: Bag Filters

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	Before Pollution Control Device	After Pollution Control Device	
Ambient air temperature ($^{\circ}\text{C}$)	34	34	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, ($^{\circ}\text{C}$)	38	37	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	754	754	-
Stack gas velocity, (m/sec)	5.10	4.98	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm^3/hr),	4975	4874	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO_2 , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of CO , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm^3	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm^3	-	-	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm^3	1270	89	IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 93.00 at present.

Note:

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- Test report shall not be reproduced except in full without written approval of the laboratory.

Niraj
 Dr. Niraj Kumar Singh
 (Authorized Signatory)

-- End of Report --

TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/05
M/S Ramgarh Sponge Iron (P) Limited.	Report Issue Date	: 17.04.2023
At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Date of Sampling	: 06.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Product House Stack
Emission due to	: Process Activities
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 35
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: 0.60
Fuel used	: -
Fuel consumption	: -
Details of Pollution Control Device	: Bag Filters

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	Before Pollution Control Device	After Pollution Control Device	
Ambient air temperature ($^{\circ}\text{C}$)	34	34	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, ($^{\circ}\text{C}$)	39	38	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	754	754	-
Stack gas velocity, (m/sec)	5.34	5.10	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm^3/hr),	5299	4975	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO_2 , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of CO , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm^3	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm^3	-	-	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm^3	1492	76	IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 94.90% at present.

Note:

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Dr. Niraj Kumar Singh
 (Authorized Signatory)

-- End of Report --

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TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/06
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 06.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Intermediate Stack
Emission due to	: Process Activities
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 35
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: 0.60
Fuel used	: -
Fuel consumption	: -
Details of Pollution Control Device	: Bag Filters

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	Before Pollution Control Device	After Pollution Control Device	
Ambient air temperature (°C)	36	36	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, (°C)	42	40	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	752	752	-
Stack gas velocity, (m/sec)	5.13	4.90	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm ³ /hr).	4940	4749	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO ₂ , (% v/v by Orsat method)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO, (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm ³	-	-	IS 13270; 1992 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm ³	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Particulate Matter, mg/Nm ³	1176	72	IS: 11255 (Part 7) 2005 RA 2017
			IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 93.87% at present.

Note:

- The results relate only to the items sampled and tested.
- Test report shall not be reproduced except in full without written approval of the laboratory.

Niraj

Dr. Niraj Kumar Singh
(Authorized Signatory)

- End of Report -

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Annexure-4 Serials

TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/07
M/S Ramgarh Sponge Iron (P) Limited.	Report Issue Date	: 17.04.2023
At.: Hosir, P.O.: Giddi, District: Hazaribagh,	Date of Sampling	: 06.04.2023
Jharkhand.	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Cooler Discharge Stack (K1 & K2)
Emission due to	: Process Activities
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 35
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: 0.55
Fuel used	: -
Fuel consumption	: -
Details of Pollution Control Device	: Bag Filters

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	Before Pollution Control Device	After Pollution Control Device	
Ambient air temperature ($^{\circ}$ C)	36	36	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, ($^{\circ}$ C)	110	82	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	750	750	-
Stack gas velocity, (m/sec)	6.61	6.18	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm^3/hr),	4399	4437	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO_2 , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of CO , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm^3	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm^3	-	-	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm^3	1940	82	IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 95.77% at present.

Note:

- The results relate only to the items sampled and tested.
- Test report shall not be reproduced except in full without written approval of the laboratory.

Niraj

Dr. Niraj Kumar Singh
(Authorized Signatory)

-- End of Report --

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TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/08
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 07.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Cooler Discharge Junction Stack
Emission due to	: Process Activities
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 35
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: 0.60
Fuel used	: -
Fuel consumption	: -
Details of Pollution Control Device	: Bag Filters

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	Before Pollution Control Device	After Pollution Control Device	
Ambient air temperature (°C)	32	32	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, (°C)	96	67	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	748	748	-
Stack gas velocity, (m/sec)	5.92	5.69	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm ³ /hr),	4867	5077	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO ₂ , (% v/v by Orsat method)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO, (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm ³	-	-	IS 13270; 1992 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm ³	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Particulate Matter, mg/Nm ³	1530	86	IS: 11255 (Part 7) 2005 RA 2017
			IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 94.4% at present.

Note:

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Niraj

Dr. Niraj Kumar Singh
(Authorized Signatory)

-- End of Report --

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TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/09
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 07.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Cooler Discharge Stack (K3)
Emission due to	: Process Activities
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 35
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: 0.60
Fuel used	: -
Fuel consumption	: -
Details of Pollution Control Device	: Bag Filters

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	Before Pollution Control Device	After Pollution Control Device	
Ambient air temperature (°C)	34	34	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, (°C)	114	71	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	750	750	-
Stack gas velocity, (m/sec)	5.42	5.10	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm ³ /hr),	4249	4498	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO ₂ , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of CO, (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm ³	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm ³	-	-	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm ³	1188	64	IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 94.61% at present.

Note:

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Niraj

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-- End of Report --

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TEST REPORT

Issued to:	Test Report No.	: SRL/RSIPL/ST/APR/23/10
M/S Ramgarh Sponge Iron (P) Limited. At.: Hosir, P.O.: Giddi, District: Hazaribagh, Jharkhand.	Report Issue Date	: 17.04.2023
	Date of Sampling	: 07.04.2023
	Sample Receipt Date	: 07.04.2023
	Analysis Date	: 08.04.2023 to 12.04.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Cooler Discharge Stack (K4)
Emission due to	: Process Activities
Material of construction of stack	: MS
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 35
Height of the sampling point from ground level (in meter)	: 15
Diameter of the stack at sampling point (in meter)	: 0.60
Fuel used	: -
Fuel consumption	: -
Details of Pollution Control Device	: Bag Filters

B. DETAILS OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results		Test Method
	Before Pollution Control Device	After Pollution Control Device	
Ambient air temperature ($^{\circ}\text{C}$)	34	34	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, ($^{\circ}\text{C}$)	108	74	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	750	750	-
Stack gas velocity, (m/sec)	5.38	5.01	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm^3/hr),	4284	4380	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO_2 , (% v/v by Orsat method)	-	-	IS 11255 (Part 3): 2008 RA 2013
Conc. of CO , (% v/v by Orsat method)	-	-	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm^3	-	-	IS 13270; 1992 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm^3	-	-	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Particulate Matter, mg/Nm^3	1246	76	IS: 11255 (Part 7) 2005 RA 2017
			IS: 11255 (Part 1) 1985 RA 2019

Remarks: The efficiency of pollution control device is about 93.90% at present.

Note:

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Niraj

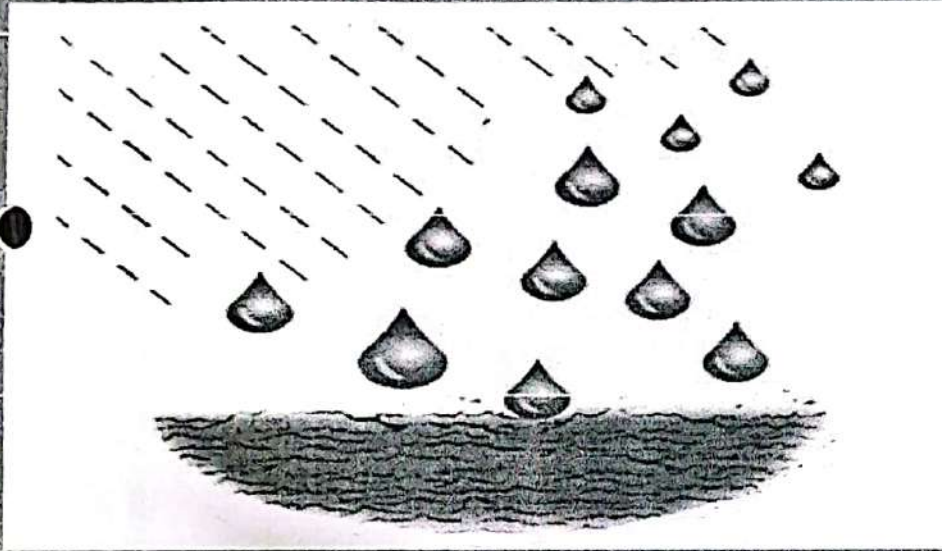
Dr. Niraj Kumar Singh
(Authorized Signatory)

-- End of Report --

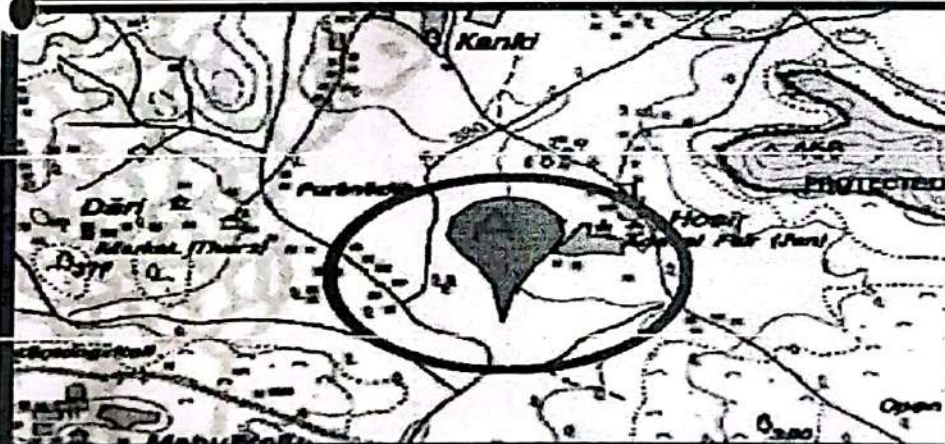
SAVE THE EARTH WITH THE RIGHT PRACTICE

HYDROGEOLOGY STUDY OF RAIN WATER HARVESTING

M/S-Ramgarh Sponge Iron Private
Limited Vill-Hosir, PO-GIDI, Dist-
Hazaribagh-829109 (Jharkhand)



[2022-23]



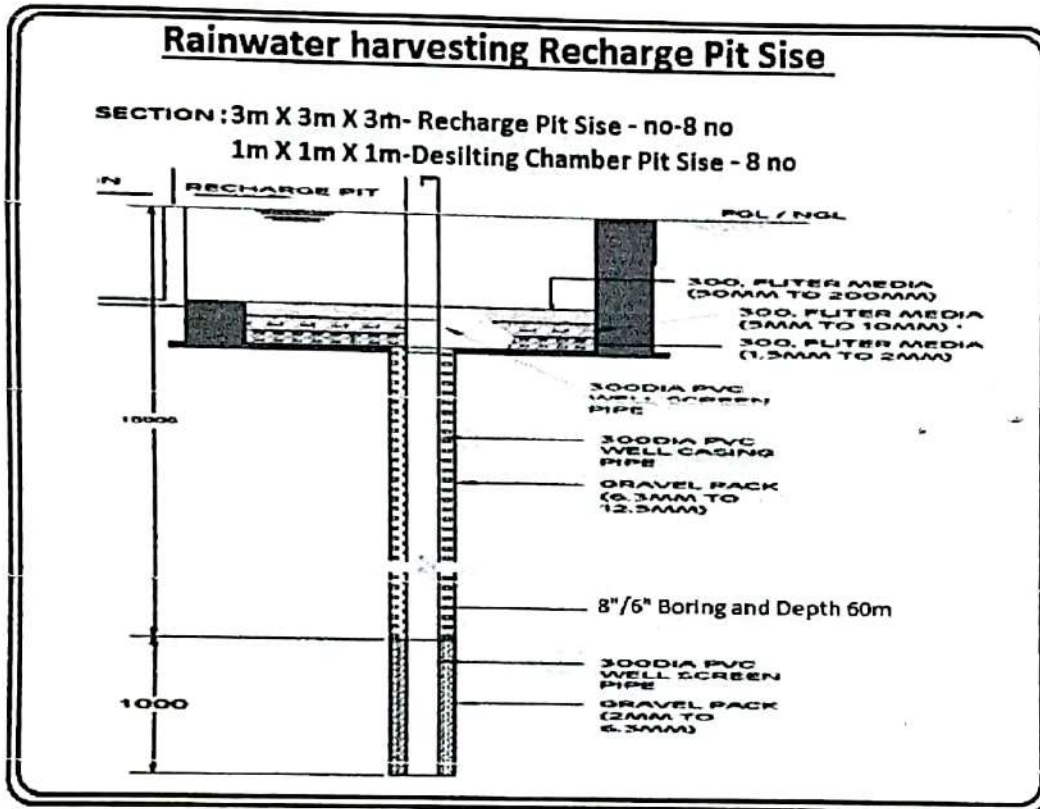
PROJECT PREPARED BY
[TRIPURARI ENTERPRISES PVT LTD, RANCHI, JHARKHAND]

Ramgarh Sponges Iron Pvt. Ltd.


Authorized Signatory

M/S-Ramgarh Sponge Iron Private Limited
Vill-Hosir, PO-GIDI, Dist-Hazaribagh-829109
(Jharkhand)

Rainwater harvesting & Desilting Chamber
Structural layout plane

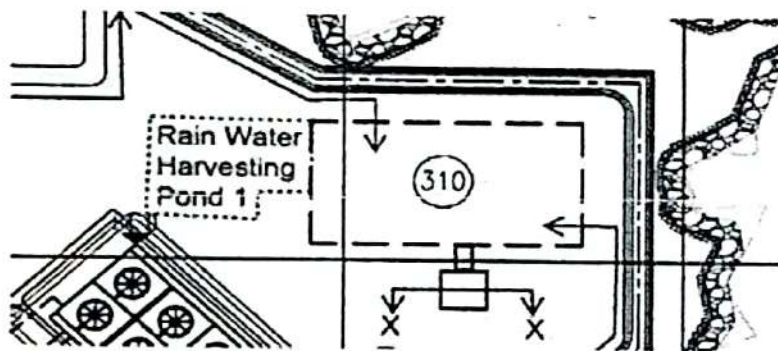


Ramgarh Sponge Iron Pvt. Ltd.

Authorized Signatory

**M/S-Ramgarh Sponge Iron Private Limited
Vill-Hosir, PO-GIDI, Dist-Hazaribagh-829109
(Jharkhand)**

**Rain Water Harvesting Storage Tank of Dimension Size
2 no- 40m X 40m X 10m**



Ramgarh Sponge Iron Pvt. Ltd.


Authorized Signatory



INDEX

-  Project Site
-  Road
-  River/ Nala
-  Village Location
-  PF Boundary



LOCATION MAP

RAMGARH SPONGE IRON PRIVATE LIMITED
Village- Hoor, P.O. Darl, District Hazaribagh, State Jharkhand

Prepared By: Tripurani Enterprises Pvt Ltd (TEPL)
Ref. Toposheet No F45B5 & F45B6

Ramgarh Sponge Iron Pvt. Ltd.


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JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004
Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No.: JSPCB/HO/RNC/CTE-12438100/2022/281

Dated : 2022-06-29

Consent to Establish (CTE) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Reference: Application (s) No.- 12438100 / dated : 12/05/2022 of Ramgarh Sponge Iron Pvt Ltd, M P Rungta and Ravindra Marla for consent under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

2. **Documents Relied Upon:**

(a) The content of EC vide EC identification no. EC22A008JH118531 and File no. J-11011/309/2019-IA.II(I) dated 24.01.2022.

(b) The content of previous NOC issued by the Board vide ref no. N-292 dated 09.04.2005.

(c) The content of previous Consent to Operate (CTO), vide ref. no. Ref. no. JSPCB/ HO/ RNC/CTO - 8283373 /2020/ 1763, dtd, -28.10.2020 valid upto 30.09.2022 for the production of Sponge Iron- 3X100 TPD.

(d) The content of self certificate regarding procurement of raw material from valid sources.

(e) The content of Inspection Report (IR) of the Regional Officer, Regional Office cum Laboratory, Hazaribagh vide ref. no. 169, dated 04.03.2022.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to establish the project in Mauza- Hoshir, P S -Hoshir, District-HAZARIBAGH as follows:

Project	Site-Area		Investment (Rs)/ Year	Product & Capacity	Period of CTE
	Plot Nos.	Area			

In Expansion	As Per EC	As Per EC	34600 Laacs	Sponge Iron- 3 x 100 TPD (Existing); Sponge Iron (Expansion) 1 x 100 TPD, 1 x 350 TPD; Total- 2,25,000 TPA, MS Billets (Expansion) -1,76,400 TPA, AFBC (Expansion)- 14 MW, WHRB (Expansion) - 16 MW, Grinded Slag/Slag Grinding Unit (Expansion)- 40,000 TPA, TMT Bar/Rolling Mill (Expansion) 1,50,000 TPA	As per EC.
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(A) Specific Conditions:

1. That, the occupier shall raise and maintain the height of all stacks attached with air pollution control devices (APCD) up to 30 metre.
2. That, the occupier shall comply fugitive emission standards of 2000 µg/m³ at a distance of 10 metre from raw material crusher and product handling areas etc.
3. That, the occupier shall provide separate electricity meter and totaliser for continuous recording of power consumption with all APCD. A logbook shall be maintained for recording of daily meterage of electricity meter connected to all APCDs. The amperage of the ID fan shall also be recorded continuously. Non functioning of APCD shall be recorded in the same logbook along with reasons for non-operation of the Pollution Control Equipment.
4. . That, the safety cap/emergency stack of rotary kiln type plant, which is generally installed above the after burner chamber (ABC) of feed end column should not be used for discharging untreated emission, bypassing the air pollution control device.
5. That, the occupier shall provide software controlled interlocking facility keeping in view of on-line emission and effluent monitoring system to ensure stoppage of feed conveyor, so that the feed to the kiln would stop automatically, if emergency/safety cap of the rotary kiln is opened or ESP is non - operational.
6. That, the occupier shall install mechanically operated fitted with water mixing (spiral pug mill) system for timely collection and removal of the flue dust generated in ESP or at any other pollution control devices for

control of fugitive emission at the dust collection system.

7. That, the occupier shall maintain logbook for daily record of Char production and its usage. The record shall be made available to officials of JSPCB during inspection of the plant.

8. That, the occupier shall make the approach road and roads within premises of the plant and work areas asphalted or concreted.

9. That, the occupier shall have its conveyor belt for transporting the materials fully covered all along its way and transfer points of conveyor belt should also be covered and suction system should be connected to de-dusting equipment.

10. That, the occupier shall make extensive plantation of three tier all along the roads and boundary wall of the industry.

11. That, the occupier shall make water sprinkling arrangement in areas around crushing and screening units, raw material heaps at unloading points, heavy vehicle movement areas, roads and waste dump sites etc.

12. That, the occupier shall construct the shed for keeping Iron Ore properly and ensure Crushing and screening operation in shaded enclosed area.

13. That, the occupier shall, use the fly ash generated from AFBC boiler as per notification released by MoEF & CC, New Delhi "Fly Ash Notification" dated 14th September, 1999 and as amended on 25th January, 2016.

14. That, the occupier shall make arrangement for operation of the plant in such a way that all pollution control devices shall start before start of conveyor belt/plant operation and similarly all pollution control devices shall be put off only after stopping the operation of the plant.

15. That, the occupier shall install and operate the on-line emission monitoring system uninterruptedly.

16. That, calibration of all APCD's shall be done at regular intervals as per the guidelines prescribed by CPCB and submit its report to the Board regularly.

17. That, the occupier shall operate and maintain the CCTV cameras installed with all APCDs and submit its photographs at the time of application of CTO.

18. That, the occupier shall ensure construction of garland drain, toe wall, settling tank with raw material storage area and solid waste storage area separately.

19. That, the occupier shall in no case dispose of the solid waste including fly ash and bottom ash on any agricultural land and keep it within the plant premises.

20. That, the occupier shall comply all the conditions of EC and CTO on six monthly basis alongwith the analysis reports successively to the Board and other concerned organization.

21. That, the occupier shall submit applications for renewal of consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent with requisite fee and documents showing compliance of all of the above conditions.

22. That, the occupier shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.

23. That, the occupier shall 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.

(B) General Conditions :

(1) That, the occupier shall construct pucca (i) minimum ten feet high boundary wall and (ii) approach road and internal roads and shall keep the premises neat and clean and tidy.

(2) That, the occupier shall install comprehensive enclosure (s) to cover the places of unloading of raw materials, the equipments of their processing & transferring, the places of loading of products, by products and wastes for prevention of fugitive emission and shall install such automatic inbuilt system(s) that in house dust/ gases collect(s) and undergo (es) cleaning and clean air goes out.

(3) That, the occupier shall install such automatic inbuilt system(s) that process flue gas(es) / process gas(es) and undergo(es) cleaning and clean air go(es) out through the chimney(s), having height(s) as per Central Pollution Control Board norm.

(4) That, the occupier shall have D G Set(s) of the standard as laid in the Environment (protection) Rules, 1986 and shall install it (them) within acoustic enclosure (s) and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm .

(5) That, the occupier shall impart treatment as per Central Pollution Control Board text to wastewater and shall keep process effluent in close-circuit and effluent from other sources in conformity with the standard (s).

(6) That, the occupier shall install Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge.

(7) That, the occupier shall create new water body (ies) / remove deposit(s) of existing water body(ies) and nearby stream(s) and pond(s) and shall maintain the wholesomeness of water.

(8) That, the occupier shall grow greenery in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.

(9) That, this CTE is valid subjected to the validity of mining Lease / Mining Plan / Ecofriendly / Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.

(10) That, this CTE is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time being in force, rests with the industry/ unit/ occupier.

(11) That, this CTE shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.

(12) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules there under.

4. That, this CTE shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.
5. That, this CTE is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTE will be revoked if any of the information/ documents/ certificates/ undertaking given by the occupier is found false/fictitious/forged in future.
6. This order shall be valid subject to compliance of all other legal requirements applicable to the unit.
7. The State Board reserves the right to revoke, withdraw or make any reasonable variation / change / alteration in condition of this consent.

This is issued with the approval of the competent authority

Yatindra
Kumar Das

Digitally signed
by Yatindra
Kumar Das
Date: 2022.06.29
17:42:12 +05'30'

[Y. K. Das]
Member Secretary

Memo No. : JSPCB/HO/RNC/CTE-
12438100/2022/281

Dated : 2022-06-29

Copy to : Sri M P Rungta and Ravindra Marla M/s Ramgarh Sponge Iron Pvt Ltd. , AtHosir, Giddi, Hazaribagh (Jharkhand)-815302/ Director of Industries, Government of Jharkhand, Ranchi/ Deputy Commissioner, Hazaribagh/ Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of Factories, Ranchi/ DFO, Hazaribagh/ DMO, Hazaribagh/ R O,JSPCB, Hazaribagh for information & ensuring compliance of the above.

Yatindra
Kumar Das

Digitally signed by
Yatindra Kumar Das
Date: 2022.06.29
17:41:52 +05'30'

[Y. K. Das]
Member Secretary



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004

Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/2400139

Ref No. JSPCB/HO/RNC/CTO-13801985/2022/1398

Dated : 2022-09-29

Consent to operate (CTO) under section 25 /26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981

1. Application (s) dated 2022-07-18 of Ramgarh Sponge Iron Pvt Ltd, Occupier Name :M P Rungta and Ravindra Marla for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..

2. **Documents Relied Upon:**

(a) The content of Environmental Clearance (EC) vide file no. J-11011/309/2019-IA.II(I), dated 24.01.2022.

(b) The content of Consent to Establish:

(i) vide ref. no. N-292, dated 09.04.2005.

(ii) vide ref. no. JSPCB/HO/RNC/CTE-12438100/2022/281, dated 29.06.2022.

(c) The content of Consent to Operate (CTO), vide ref. no. JSPCB/HO/RNC/CTO-8283373/2020/1763, dated 28.10.2020.

(d) The content of letter dated 16.09.2022 along with an affidavit stating that " The installation and operationalization of AFBC Boiler shall be completed by 30.06.2023 and evidence of the same shall be submitted to the Board by 1st Week of July 2023.

(e) The content of Bank Guarantees:

(i) BG, vide Ref. No.- 4995IPEBG180021, dated. 09.05.2018 of Rs. 10.00 Lacs re-validated for the period upto 31.12.2024

(ii) BG, vide Ref. No. 4995IPEBG180022, dated. 09.05.2018 of Rs. 10.00 Lacs re-validated for the period upto 31.12.2024

(iii) BG, vide Ref. No. 4995IPEBG180020, dated. 09.05.2018 of Rs. 10.00 Lacs valid up to 31.12.2024.

(iv) An additional BG vide BG no. 4902IPEBG200082, dated 22.09.2020 amounting Rs. 10 Lacs re-validated for the period upto 31.12.2024.

(f) The content of Inspection Report (IR), vide ref. no. 732, dated 30.07.2022.

3. The consent is granted under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 to operate the project in Mauza -Hoshir , P S -Hoshir , District -HAZARIBAGH , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			Date of issue To

Before Expansion	1375, 1379, 1380, 1382-1384, 1394, 1472-1474, 1374, 1477, 1393, 1492, Khata No.- 12, 31, 75	16.52 Acres	36.90 Crores	Sponge Iron- 4 X 100 TPD	30/09/2024
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(A) Specific Conditions:

1. That, the occupier shall raise and maintain the height of all stacks attached with air pollution control devices (APCD) up to 30 metre.
2. That, the occupier shall comply fugitive emission standards of 2000 µg/m³ at a distance of 10 metre from raw material crusher and product handling areas etc.
3. That, the occupier shall provide separate electricity meter and totaliser for continuous recording of power consumption with all APCD. A logbook shall be maintained for recording of daily meterage of electricity meter connected to all APCDs. The amperage of the ID fan shall also be recorded continuously. Non functioning of APCD shall be recorded in the same logbook along with reasons for non-operation of the Pollution Control Equipment.
4. That, the safety cap/emergency stack of rotary kiln type plant, which is generally installed above the after burner chamber (ABC) of feed end column should not be used for discharging untreated emission, bypassing the air pollution control device.
5. That, the occupier shall provide software controlled interlocking facility keeping in view of on-line emission and effluent monitoring system to ensure stoppage of feed conveyor, so that the feed to the kiln would stop automatically, if emergency/safety cap of the rotary kiln is opened or ESP is non - operational.
6. That, the occupier shall install mechanically operated fitted with water mixing (spiral pug mill) system for timely collection and removal of the flue dust generated in ESP or at any other pollution control devices for control of fugitive emission at the dust collection system.
7. That, the occupier shall maintain logbook for daily record of Char production and its usage. The record shall be made available to officials of JSPCB during inspection of the plant.
8. That, the occupier shall make the approach road and roads within premises of the plant and work areas asphalted or concreted.
9. . That, the occupier shall have its conveyor belt for transporting the materials fully covered all along its

way and transfer points of conveyor belt should also be covered and suction system should be connected to de-dusting equipment.

10. That, the occupier shall make extensive plantation of three tier all along the roads and boundary wall of the industry.

11. That, the occupier shall make water sprinkling arrangement in areas around crushing and screening units, raw material heaps at unloading points, heavy vehicle movement areas, roads and waste dump sites etc.

12. That, the occupier shall in no case dispose of the solid waste including fly ash and bottom ash on any agricultural land and keep it within the plant premises. The occupier having plant capacity less than 200 TPD shall look for disposal of char in AFBC boiler of other plant. All the solid wastes shall be kept fully covered with wire mesh or soil coating. Different types of solid wastes generated shall be stored separately as per the guidelines of CPCB to avoid adverse effect on air quality and water region.

13. That, the occupier shall store all raw materials in shed.

14. That, the occupier shall, use the fly ash generated from AFBC boiler as per notification released by MoEF & CC, New Delhi "Fly Ash Notification" dated 14th September, 1999 and as amended on 25th January, 2016.

15. That, the occupier shall make arrangement for operation of the plant in such a way that all pollution control devices shall start before start of conveyor belt/plant operation and similarly all pollution control devices shall be put off only after stopping the operation of the plant.

16. That, the occupier shall install and operate the on-line emission monitoring system uninterruptedly.

17. That, calibration of all APCD's shall be done at regular intervals as per the guidelines prescribed by CPCB and submit its report to the Board regularly.

18. That, the occupier shall operate and maintain the CCTV cameras installed with all APCDs and submit its photographs at the time of application of CTO.

19. That, the occupier shall ensure construction of garland drain, toe wall, settling tank with raw material storage area and solid waste storage area separately.

20. That, the occupier shall complete installation of AFBC boiler and WHRB and start operationalization of the same by 30.06.2023 and submit its report to the Board by 1st week of July'2023, otherwise, CTO may be revoked and Bank Guarantee may be forfeited.

21. That, the occupier shall submit compliance of CTO conditions on yearly basis alongwith the recent analysis reports before 120 days of the expiry date of this CTO successively.

22. That, the occupier shall submit applications for renewal of consent under section 25/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent with requisite fee and documents showing compliance of all of the above conditions.

(B) General Conditions :

(1) That, the occupier shall maintain the **National Ambient Air Quality Standard** given below:

S N	Pollutant	Time Weighted Average	Concentration in Ambient Air	
			Industrial, Residential, Rural and Other Area	Ecologically Sensitive Area (notified by Central Govt.)
(1)	(2)	(3)	(4)	(5)
1.	Sulphur Dioxide (SO ₂), µg/m ³	Annual 24 hours	50 80	20 80
2.	Nitrogen Dioxide (NO ₂), µg/m ³	Annual 24 hours	40 80	30 80
3.	Particulate Matter (size less than 10 µm) or PM ₁₀ , µg/m ³	Annual 24 hours	60 100	60 100
4.	Particulate Matter (size less than 2.5 µm) or PM _{2.5} , µg/m ³	Annual 24 hours	40 60	40 60
5.	Ozone(O ₃), µg/m ³	8 hours 1 hour	100 180	100 180
6.	Lead (Pb) µg/m ³	Annual 24 hours	0.50 1.0	0.50 1.0
7.	Carbon Monoxide (CO) mg/m ³	8 hours 1 hour	02 04	02 04
8.	Ammonia (NH ₃) µg/m ³	Annual 24 hours	100 400	100 400
9.	Benzene (C ₆ H ₆) µg/m ³	Annual	05	05
10.	Benzo(a) Pyrene(BaP) Particulate Phase only ng/m ³	Annual	01	01
11.	Arsenic (As) ng/m ³	Annual	06	06
12.	Nickel (Ni) ng/m ³	Annual	20	20

**Note : Serial no. 1 to 4 – Mandatory
Serial no. 5 to 12 As applicable for specific type of industry.**

- (2) That, the occupier shall maintain the emission quality within the standard and the quantity, as follows:

S N	Parameter	Standard
1	Particulate Matter	150 mg/Nm ³

- (3) That, the occupier shall keep process effluent in close-circuit and the quality of effluent from other sources in conformity with the standard (s) and the discharge quantity as below:

S N	Parameter	Standard
1	Total Suspended Solids	100 mg/L
2	BOD	30 mg/L
3	COD	250 mg/L
4	Oil & Grease	10 mg/L

- (4) That, the occupier shall dispose of solid wastes as follows:

S N	Waste Type	Mode of Disposal
1	Hazardous Carbonaceous Wastes	In co-processing in high temperature furnaces or kilns
2	Hazardous Non-Carbonaceous Wastes	In TSDF
3	Non-Carbonaceous Non-Hazardous solid wastes/ Mine Over Burden	As a substitute of Soil or Mineral

- (5) That, the occupier shall keep D G Set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.
- (6) That, the occupier shall install and maintain Central Ground Water Board/ State Ground Water Directorate approved system of rain water harvesting-cum-ground water recharge and submit the photographic view of the structures within a month.
- (7) That, the occupier shall grow and maintain greenery of the project in the periphery and other available spaces and shall continue enhancing its plant density and biodiversity.
- (8) That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30th September of the next financial year.
- (9) That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001:2008 and OHSAS 18001:2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.

- (10) That, this CTO is valid subjected to the validity of mining Lease/Mining Plan/Ecofriendly/Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.
 - (11) That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any other law or any other instrument in force. The sole and complete responsibility to comply with these conditions laid down in all other laws for the time-being in force, rests with the industry/ unit/ occupier.
 - (12) That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding , if any, instituted in the past or that could be , instituted against you by the State Board for violation of the provisions of the Act or the Rules made there under.
 - (13) That, the occupier shall comply with all applicable provisions of the Water (Prevention & Control of Pollution) Act, 1974; the Water (Prevention & Control of Pollution) Cess Act, 1977; the Air (Prevention & Control of Pollution) Act, 1981; and the Environment (Protection) Act, 1986 and Rules made there under.
4. That, this CTO shall not absolve the occupier from making compliance of other statutory prescribed under any law or direction of courts or any other instrument for the time being in force.
 5. That, this CTO is being issued on the basis of information/ documents/ certificate submitted by the unit. This CTO will be revoked if any of the information/documents/certificates/undertaking given by the occupier is found false/fictitious/forged in future.
 6. The Order shall be valid subject to compliance of all other legal requirements applicable to the unit.
 7. The State Board reserve the right to revoke, withdraw or make any reasonable variation / change / alteration in conditions of this consent.

This is issued with the approval of the Competent authority

Yatindra Kumar Das
Digitally signed by
Yatindra Kumar Das
Date: 2022.09.29
17:20:35 +05'30'

[Y. K. Das]
Member Secretary

Memo No. : JSPCB/HO/RNC/CTO-
13801985/2022/1398

Dated : 2022-09-29

Copy to: M/s Ramgarh Sponge Iron Pvt Ltd., At- Hosir, Giddi, Hazaribagh/ Chief Inspector of Factories, Ranchi/ Director of Industry, Government of Jharkhand, Ranchi/ Director of Mines, Government of Jharkhand, Ranchi/ Deputy Commissioner, Hazaribagh/ DFO, Hazaribagh/ DMO, Hazaribagh/ R O, JSPCB, Hazaribagh for information & ensuring compliance of the above.

Yatindra Kumar Das
Digitally signed by
Yatindra Kumar Das
Date: 2022.09.29
17:20:16 +05'30'

[Y. K. Das]
Member Secretary

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1001/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 05.02.2024
Analysis Start Date : 10.02.2024
Analysis End Date : 12.02.2024
Duration Of Monitoring : 05.02.2024 To 06.02.2024
Time Of Monitoring : 10.50 AM To 10.50 AM (CO & O₃ for 1.0 Hrs.)
Sample ID No : 1001
Sampling Done By : ETS STAFF
Sampling Location : NEAR MAIN GATE
Sampling Method : ETS/STP/AIR-01
Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
Weather Condition : CLEAR Ambient Temperature: 25.0 °C
Wind Direction : E To W
Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	95.8	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	54.2	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	21.5	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	42.3	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Ammonia,(NH ₃)	µg/m ³	<20.0	For 24 Hrs.=400	IS 5182 (Part-25)
6	Ozone,(O ₃)	µg/m ³	22.0	For 1 Hrs.=180	IS: 5182 (Part-9)
7	Lead,(Pb)	µg/m ³	<0.05	For 24 Hrs.=1	IS 5182 (Part-22)



For ENVIRO-TECH SERVICES

 AUTHORIZED SIGNATORY
 Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

TEST REPORT

TEST REPORT NO.: ETS/1001/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
8	Benzene, (C ₆ H ₆)	µg/m ³	< 1.0	For Annual=5	IS 5182 (Part-11)
9	Carbon Monoxide, (CO)	mg/m ³	0.92	For 1 Hrs.=4	IS 5182: Part 10
10	Xylene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
11	Toluene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
12	Benzo (a) Pyrine (BaP)	mg/m ³	<0.05	For Annual=01	IS: 5182 (Part-12)

*****End of Test Report*****



For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
IND HUMRAJ
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Dale 01.04.2019, Amd. No. 04 Date 01.04.2019

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Annexure - 8 Series

ENVIRO-TECH SERVICES

An Analytical Laboratory



ISO 45001

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1002/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 05.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 05.02.2024 To 06.02.2024
 Time Of Monitoring : 11.10 AM To 11.10 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1002
 Sampling Done By : ETS STAFF
 Sampling Location : NEAR CANTEEN
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	90.4	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	51.6	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	18.7	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	36.5	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Ammonia,(NH ₃)	µg/m ³	<20.0	For 24 Hrs.=400	IS 5182 (Part-25)
6	Ozone,(O ₃)	µg/m ³	23.0	For 1 Hrs.=180	IS: 5182 (Part-9)
7	Lead,(Pb)	µg/m ³	<0.05	For 24 Hrs.=1	IS 5182 (Part-22)

CHECKED BY
 PURNIMA SINGH

For ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 MD HUMRAJ
 Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
2. The results indicated only refer to the tested samples and listed applicable parameters.
3. No complaint will be entertained if received after 7 days of issue of test report.
4. Our liability is limited to invoice value only.
5. The sample shall be destroyed after 15 days & Biological / Perishable sample shall be destroyed immediately after issue of test report.
6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

TEST REPORT

TEST REPORT NO.: ETS/1002/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
8	Benzene, (C ₆ H ₆)	µg/m ³	<1.0	For Annual=5	IS 5182 (Part-11)
9	Carbon Monoxide, (CO)	mg/m ³	0.87	For 1 Hrs.=4	IS 5182: Part 10
10	Xylene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
11	Toluene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
12	Benzo (a) Pyrine (BaP)	mg/m ³	< 0.05	For Annual=01	IS: 5182 (Part-12)

*****End of Test Report*****


CHECKED BY
PURNIMA SINGH

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
MD HUMRAJ
Quality Manager

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(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghazilabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1003/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 06.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 06.02.2024 To 07.02.2024
 Time Of Monitoring : 09.20 AM To 9.20 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1003
 Sampling Done By : ETS STAFF
 Sampling Location : NEAR WEIGHT BRIDGE
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	97.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	56.4	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	18.7	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	45.2	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Ammonia,(NH ₃)	µg/m ³	<20.0	For 24 Hrs.=400	IS 5182 (Part-25)
6	Ozone,(O ₃)	µg/m ³	19.0	For 1 Hrs.=180	IS: 5182 (Part-9)
7	Lead,(Pb)	µg/m ³	<0.05	For 24 Hrs.=1	IS 5182 (Part-22)

CHECKED BY
PURNIMA SINGH

For ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

Note:-

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(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1003/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
8	Benzene, (C ₆ H ₆)	µg/m ³	<1.0	For Annual=5	IS 5182 (Part-11)
9	Carbon Monoxide, (CO)	mg/m ³	0.95	For 1 Hrs.=4	IS 5182: Part 10
10	Xylene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
11	Toluene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
12	Benzo (a) Pyrene (BaP)	mg/m ³	< 0.05	For Annual=01	IS: 5182 (Part-12)

*****End of Test Report*****

CHECKED BY
PURNIMA SINGH

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

FOR ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
Quality Manager

Note:-

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email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1004/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 06.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 06.02.2024 To 07.02.2024
 Time Of Monitoring : 09.40 AM To 09.40 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1004
 Sampling Done By : ETS STAFF
 Sampling Location : NEAR LABOUR QUARTER
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5 METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀) + Fine Particulate Sampler (PM_{2.5})

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM ₁₀)	µg/m ³	92.5	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	55.1	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	17.3	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	38.5	For 24 Hrs.=80	IS: 5182 (Part-6)
5	Ammonia,(NH ₃)	µg/m ³	<20.0	For 24 Hrs.=400	IS 5182 (Part-25)
6	Ozone,(O ₃)	µg/m ³	18.0	For 1 Hrs.=180	IS: 5182 (Part-9)
7	Lead,(Pb)	µg/m ³	<0.05	For 24 Hrs.=1	IS 5182 (Part-22)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATOR RAJ
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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TEST REPORT

TEST REPORT NO.: ETS/1004/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
8	Benzene, (C ₆ H ₆)	µg/m ³	<1.0	For Annual=5	IS 5182 (Part-11)
9	Carbon Monoxide, (CO)	mg/m ³	0.87	For 1 Hrs.=4	IS 5182: Part 10
10	Xylene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
11	Toluene	µg/m ³	<0.01	Not Specified	IS 5182 (Part-11)
12	Benzo (a) Pyrine (BaP)	mg/m ³	<0.05	For Annual=01	IS: 5182 (Part-12)

*****End of Test Report*****



For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063



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**TEST REPORT**

TEST REPORT NO: ETS/1005/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR, P.O-DADI, P.S-GIDDI, DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 05.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 05.02.2024 To 06.02.2024
 Time Of Monitoring : 10:10 AM To 10:10 AM
 Sample ID No : 1005
 Sampling Done By : ETS STAFF
 Sampling Location : WORK PLACE NEAR STACK - 1
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Suspended Particulate Matters,(SPM)	µg/m ³	492.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
 NIDHIN RAJ
 Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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Annexure 9 Security

ENVIRO-TECH SERVICES

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TEST REPORT

TEST REPORT NO: ETS/1006/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 05.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 05.02.2024 To 06.02.2024
 Time Of Monitoring : 10:50 AM To 10:50 AM
 Sample ID No : 1006
 Sampling Done By : ETS STAFF
 Sampling Location : WORK PLACE NEAR STACK - 2
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Suspended Particulate Matters,(SPM)	µg/m ³	473.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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Annexure-9 Serial

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TEST REPORT

TEST REPORT NO : ETS/1007/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 06.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 06.02.2024 To 07.02.2024
 Time Of Monitoring : 11:18 AM To 11:18 AM
 Sample ID No : 1007
 Sampling Done By : ETS STAFF
 Sampling Location : WORK PLACE NEAR STACK - 3
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Suspended Particulate Matters,(SPM)	µg/m ³	470.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
MUMRAJ
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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TEST REPORT

TEST REPORT NO : ETS/1008/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 06.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 06.02.2024 To 07.02.2024
 Time Of Monitoring : 09:55 AM To 09:55 AM
 Sample ID No : 1008
 Sampling Done By : ETS STAFF
 Sampling Location : NEAR WEIGHT BRIDGE
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Suspended Particulate Matters.(SPM)	µg/m ³	488.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
MIDHUMIRAJ
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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Annexure-9 Series

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TEST REPORT

TEST REPORT NO: ETS/1009/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 06.02.2024
 Analysis Start Date : 10.02.2024
 Analysis End Date : 12.02.2024
 Duration Of Monitoring : 06.02.2024 To 07.02.2024
 Time Of Monitoring : 09:20 AM To 09:20 AM
 Sample ID No : 1009
 Sampling Done By : ETS STAFF
 Sampling Location : DEDUSTING AREA
 Sampling Method : ETS/STP/AIR-01
 Sampling Machine Placed At Height : 1.5METER FROM GROUND LEVEL
 Weather Condition : CLEAR Ambient Temperature: 25.0 °C
 Wind Direction : E To W
 Equipment Used : Respirable Dust Sampler (PM₁₀)

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Suspended Particulate Matters,(SPM)	µg/m ³	493.0	For 24 Hrs.=600	IS: 5182 (Part-4)


 CHECKED BY
 PURNIMA SINGH


 For ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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RAMGARH SPONGE IRON PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
 ADARSH COLONY, BEHIND ASHOK CINEMA
 RANCHI ROAD, PO- MARAR
 DIST- RAMGARH- 829117 (JHARKHAND).
 EMAIL- rsiplpra.ram@rediffmail.com
 ramgarhsponge.in@gmail.com
 WEBSITE-www.ramgarhsponge.in

WORKS:
 VILLAGE-HOSIR,
 P.O.- DADI P.S.-GIDDI
 DIST.-HAZARIBAGH, 829109, JHARKHAND
 GSTIN : 20AACCR8706R1Z1

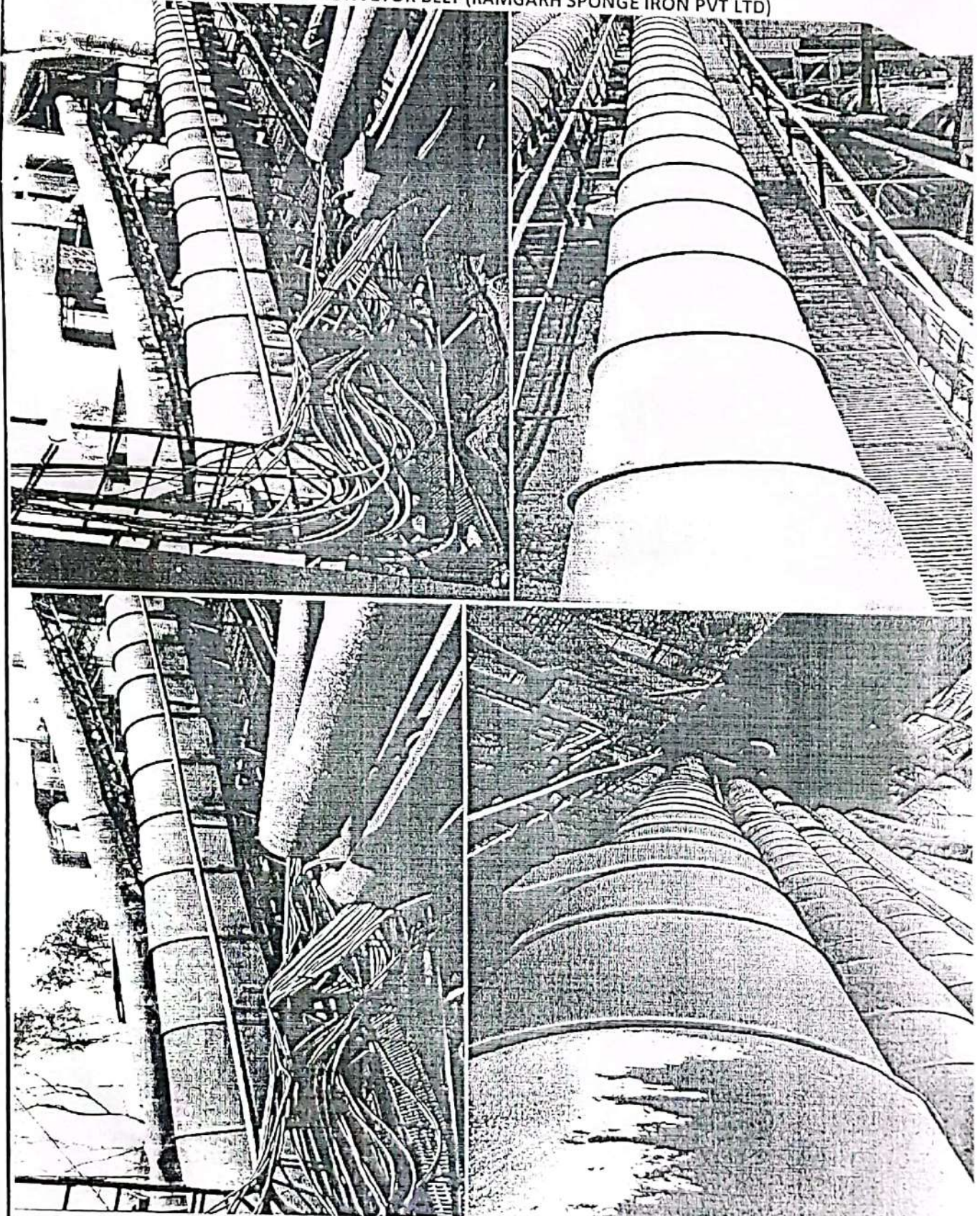
Details of Bag Filters with Location Installed in Plant Premises

SL. NO.	Name of Bag Filter	Location
1.	Coal Bag Filter	Near Coal Junction Building.
2.	PH Bag Filter	Product House Area
3.	CD Bag Filter (Kiln-1 & Kiln-2)	Cooler Outlet Side of Kiln-1 And 2.
4.	Intermediate Bin Bag Filter	Near Stock House 1
5.	C.D. Junction Bag Filter	Junction Point of Kiln- 1, Kiln-2, Kiln-3 And Kiln-4 CD Conveyor.
6.	Kiln-3 CD Bag Filter	Kiln -3 Cooler Outlet Side.
7.	Kiln-4 CD Bag Filter	Between Kiln-3 And Kiln-4 Kiln Outlet.

Ramgarh Sponge Iron Pvt. Ltd.

Authorised Signatory

COVERED CONVEYOR BELT (RAMGARH SPONGE IRON PVT LTD)



Ramgarh Sponge Iron Pvt. Ltd.

Authorised Signatory

ENVIRO-TECH SERVICES

An Analytical Laboratory



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TEST REPORT

TEST REPORT NO.: ETS/1010/02/2024

DATE OF REPORT: 15.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR, P.O-DADI, P.S-GIDDI, DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Sampling : 05.02.2024
Analysis Start Date : 08.02.2024
Analysis End Date : 12.02.2024
Sample ID No : 1010
Sampling Done By : ETS STAFF
Sample Description : GROUND WATER
Sampling Location : BOREWELL
Sampling Method : ETS/STP/WATER-02
Sample Quantity : 2.0 + 0.5 Ltr.
Packing Condition : SEALED
Packed In : P.V.C. AND GLASS BOTTLE

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
				Desirable	Permissible	
Physical and Chemical Parameters: -						
1	Colour	Hazen	<5.0	5	15	APHA 2120-B
2	pH	---	7.28	6.5 - 8.5	No relaxation	APHA 4500-H+
3	Total Dissolved Solids,(TDS)	mg/L	495.3	500	2000	APHA 2540-C
4	Total Hardness,(CaCO ₃)	mg/L	196.1	200	600	APHA 2340-C
5	Chloride,(Cl)	mg/L	68.6	250	1000	APHA 4500:(Cl)-B
6	Sulphate,(SO ₄)	mg/L	41.7	200	400	APHA 4500:(SO ₄)-E
7	Turbidity	NTU	<1.0	1	5	APHA 2130-B
8	Nitrate,(NO ₃)	mg/L	1.10	45	No Relaxation	APHA 4500:(NO ₃)-B
9	Fluoride,(F)	mg/L	0.42	1	1.5	APHA 4500:(F)-D
10	Calcium,(Ca)	mg/L	74.5	75	200	APHA 3500:(Ca)-B
11	Magnesium,(Mg)	mg/L	2.4	30	100	APHA 3500:(Mg)-B
12	Conductivity	µs/cm	728.0	Not Specified	Not Specified	APHA 2510-B



Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
MIDHUKIRAJ
Quality Manager

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**TEST REPORT**

TEST REPORT NO.: ETS/1010/02/2024

DATE OF REPORT: 15.02.2024

WATER SAMPLE ANALYSIS REPORT

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per IS:10500: 2012)		Test Method
13	Dissolved Oxygen(DO)	mg/L	<0.05	Not Specified	Not Specified	APHA 4500:(O)-C
14	Oil & Grease, (O & G)	mg/L	<1.0	Not Specified	Not Specified	APHA 5520-D
15	Biological Oxygen Demand(BOD ₃₀ 27°C)	mg/L	<2.0	Not Specified	Not Specified	IS: 3025 (Part-44)
Heavy MetalParameters: -						
16	Iron,(Fe)	mg/L	0.28	1.0	No Relaxation	APHA-3120B
17	Manganese,(Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
18	Sodium,(Na)	mg/L	52.5	Not Specified	No Relaxation	APHA-3120B
19	Potassium,(K)	mg/L	<1.0	Not Specified	No Relaxation	APHA-3120B
Microbiological Parameter;						
20	Escherichia coli	Per 100mL	Absent	Shall Not Be Detectable		IS15185

*****End of Test Report*****

CHECKED BY
PURNIMA SINGH

For ENVIRO-TECH SERVICES



AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-09, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghazlabad (U.P.) - 201001

email : etslab2012@gmail.com | Web: **TEST REPORT** | Ph.: 9911516076, 9811736063

TEST REPORT NO ETS/1011/02/2024

DATE OF REPORT: 15 02 2024

SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Sampling : 05.02.2024

Analysa Start Date : 08.02.2024

Analysa End Date : 10.02.2024

Sample ID No : 1011

Sampling Done By : ETS STAFF

Sample Description : LECHATE

Sampling Method : ETS/STPWATER-02

Sample Quantity : 2.0 Ltr.

Packing Condition : SEALED

Packed In : P.V.C. CANE

S. No.	Test Parameter	EPA Regulatory Level, mg/l	Results (mg/l in extract)
1	Arsenic (AS)	5.0	2.30
2	Cadmium (Cd)	1.0	0.75
3	Chromlum (Cr)	5.0	2.20
4	Lead (Pb)	5.0	1.65
5	Mercury (Hg)	0.2	<0.008
6	Selenium (Se)	1.0	<0.015
7	Silver (Ag)	5.0	<0.050

*****End of Test Report*****



Format No ETS/LAB/TR-10, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

For ENVIRO-TECH SERVICES

 AUTHORIZED SIGNATORY
 Quality Manager
Note:-

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4. Our liability is limited to invoice value only.
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6. This test report shall not be used in any advertising media or as evidence in the court of Law without prior written permission of the laboratory.

ENVIRO-TECH SERVICES*An Analytical Laboratory***(A GOVERNMENT APPROVED LAB)**

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

ETS-LAB

**TEST REPORT**

TEST REPORT NO : ETS/1019/02/2024

DATE OF REPORT :15.02.2024

WASTE WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Sampling : 05.02.2024

Analysis Start Date : 08.02.2024

Analysis End Date : 12.02.2024

Sample ID No : 1019

Sampling Done By : ETS STAFF

Sampling Location : E.T.P. OUTLET

Sampling Description : E.T.P. PLANT

Sampling Method : ETS/STP/WATER-02

Sampling Quantity : 2.0 Lt.

Packing Condition : SEALED

Packed In : P.V.C. CANE

S. No.	Parameters	Unit	Result	Standards (CPCB)		Test Method
				Inland Surface Water	Public Sewer	
1.	pH	...	6.86	6.0 - 9.0	6.0 - 9.0	APHA - 4500-H*
2.	Total Suspended Solids (TSS)	mg/L	57.2	100	600	APHA - 2540-D
3.	Oil & Grease (O & G)	mg/L	4.10	10	20	APHA - 5520-C

****End of Test Report****



For ENVIRO-TECH SERVICES

ANIL KUMAR
AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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(A GOVERNMENT APPROVED LAB)

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TEST REPORT

TEST REPORT NO.: ETS/1012/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer

: M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring

: 05.02.2024

Monitoring Start Date

: 05.02.2024

Monitoring End Date

: 06.02.2024

Duration Of Monitoring

: 24 HOURS

Sample ID No

: 1012

Monitoring Done By

: ETS STAFF

Sampling Location

: NEAR MAIN GATE

Sampling Method

: ETS/STP/NOISE-01

Category Of Area

: INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	72.6	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	68.2	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****



Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 PURNIMA SINGH
 Quality Manager

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ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1013/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 05.02.2024
Monitoring Start Date : 05.02.2024
Monitoring End Date : 06.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1013
Monitoring Done By : ETS STAFF
Sampling Location : NEAR CANTEEN
Sampling Method : ETS/STP/NOISE-01
Category Of Area : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	67.1	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	58.4	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****

CHECKED BY
PURNIMA SINGH

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-02, Issue No 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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ENVIRO-TECH SERVICES

An Analytical Laboratory



ISO 45001

(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1014/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 06.02.2024

Monitoring Start Date : 06.02.2024

Monitoring End Date : 07.02.2024

Duration Of Monitoring : 24 HOURS

Sample ID No : 1014

Monitoring Done By : ETS STAFF

Sampling Location : NEAR WEIGHT BRIDGE

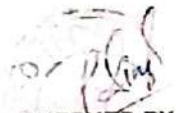
Sampling Method : ETS/STP/NOISE-01

Category Of Area : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	73.7	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	66.4	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****


CHECKED BY
PURNIMA SINGH


FOR ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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(A GOVERNMENT APPROVED LAB)

Plot No. 1/32, S.S. of G.T. Road Industrial Area, Ghaziabad (U.P.) - 201001

email : etslab2012@gmail.com | Website : www.etslab.in | Ph.: 9911516076, 9811736063

TEST REPORT

TEST REPORT NO.: ETS/1015/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : M/s RAMGARH SPONGE IRON PVT.LTD,
VILLAGE-HOSIR,P.O-DADI,P.S-GIDDI,DISTT-HAZARIBAGH
JHARKHAND 829122

Date of Monitoring : 06.02.2024
Monitoring Start Date : 06.02.2024
Monitoring End Date : 07.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1015
Monitoring Done By : ETS STAFF
Sampling Location : NEAR LABOUR QUARTER
Sampling Method : ETS/STP/NOISE-01
Category Of Area : INDUSTRIAL AREA

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Day Time Noise Level	Leq :dB (A)	65.7	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	58.3	70	IS: 9989

Remark: Day time is reckoned in between 06.00 A.M. and 10.00 P.M.
Night time is reckoned in between 10.00 P.M. and 06.00 A.M.

*****End of Test Report*****


CHECKED BY
PURNIMA SINGH


AUTHORIZED SIGNATORY R.A.I

Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2019

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RAMGARH SPONGE IRON PRIVATE LIMITED


CORRESPONDENCE ADDRESS:
 ADARSH COLONY, BEHIND ASHOK CINEMA
 RANCHI ROAD, P.O- MARAR
 DIST- RAMGARH- 829117 (JHARKHAND)
 EMAIL- rsiplpra.ram@rediffmail.com
 ramgarhsponge.in@gmail.com
 WEBSITE-www.ramgarhsponge.in

WORKS:
 VILLAGE-HOSIR,
 P.O.- DADI PS.-GIDDI
 DIST.-HAZARIBAGH, 829109, JHARKHAND
 GSTIN : 20AACCR8706R1Z1

Details of LED Light Located in the plant premises

SL. NO.	Location
1.	Stock House 1 And 2 Top To Bottom.
2.	Kiln Area 1, 2 and 4.
3.	Both sides of Road Sponge Iron Shed to Coal Shed.
4.	Boundary Wall Side.
5.	Office Building.
6.	Store Building.
7.	Canteen.

Ramgarh Sponge Iron Pvt. Ltd.


 Authorised Signatory

Letter No. 7/EP 1033/2021 अ०नि०(मु०का०नि०)- 614

OFFICE OF THE CHIEF INSPECTOR OF FACTORIES, JHARKHAND, RANCHI.

LABOUR BUILDING, DORANDA, RANCHI-834002

(Tel No.-0651-2480454, E-mail ID- cifoffice123 @ gmail.com)

From,

Chief Inspector of Factories, Jharkhand,
Ranchi.

To,

The Occupier,
M/s Ramgarh Sponge Iron Pvt. Ltd.,
Village-Hosir, P.O.-Giddi,
District-Hazaribag-829109.

Ranchi, Date: 22.07.2021

Subject: Recommendation of On-site Emergency Plan of M/s Ramgarh Sponge Iron
Pvt. Ltd, Village-Hosir, P.O.-Giddi, District-Hazaribag-829109.

Reference: Your letter dated-05.07.2021.

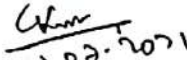
Sir,

This has reference to your letter date-05.07.2021 along with On-site Emergency Plan which consists of total forty eight (48) pages. The submitted emergency plan has been verified and examined. The above on site emergency plan is recommended subject to the following conditions: -

1. Regular Mock- drill shall be carried out in the factory at least once in every year and the report shall be made available to the area Inspector of Factories and Chief Inspector of Factories.
2. The safety audit shall be conducted by experienced competent person/Agency/ Institutions. The safety audit report, health & safety policy, Hazard analysis report & fire load calculation report shall be submitted.
3. The Emergency Plan will be up dated and revised as per modification in the plant.
4. Adequate arrangement of medical/relief facilities (first aid equipments etc.) shall be provided and maintained in the emergency control room.
5. Telephone number of key persons to be noted and displayed in the central control room.
6. The Independent power back-up facility for Emergency Control Room shall be provided.

Encl: A copy of the recommended plan is enclosed herewith.

Yours faithfully,



22.07.2021
Chief Inspector of Factories, Jharkhand,
Ranchi

OCCUPATIONAL HEALTH CHECK-UP REPORT


NAME OF THE FACTORY : SHRIRAM POWER & STEEL PRIVATE LIMITED

ADDRESS ARA SARUBERA ROAD, NAYAMORE, KUIJU, DIST. RAMGARH

Sl.NO	Name of Employee	Age	Sex	Department	Designation	Date of Medical Examination and Result		Sign & Symptoms Observed During Examination	Signature of the Certifying Surgeon
						Date	RESULT FIT/UNFIT		
1.	Roshan Sultania	40	M	Raw Material	GM	17.02.2024			
2.	Umang Agrawal	30	M	Finance	AGM	17.02.2024			
3.	Chandan Das Gupta	47	M	Logistic	Manager	17.02.2024			
4.	Balram sen	32	M	Purchase	Manager	17.02.2024			
5.	Kalipada Gorai	28	M	Purchase	Asst. Manager	17.02.2024			
6.	Abhinandan Kumar	32	M	Civil	Asst. Manager	17.02.2024			
7.	Nirranjan Sethi	53	M	SMS Store	In Charge	17.02.2024			
8.	Ashok Kumar Mahato	49	M	House Keeping	Helper	17.02.2024			
9.	Khirodhar Mahato	46	M	House Keeping	Helper	17.02.2024			
10.	Nandu Mahato	51	M	House Keeping	Helper	17.02.2024			
11.	Ashok Kumar Jha	58	M	Plant head	GM	17.02.2024			
12.	Amit Kumar	41	M	DRI Lab	HOD Lab	17.02.2024			
13.	Manoj Kumar Mahato	39	M	Quality Control	Shift In Charge	17.02.2024			
14.	Prakash Patel	39	M	Quality Control	Shift In Charge	17.02.2024			
15.	Naresh Kumar Mahato	52	M	Lab	Helper	17.02.2024			
16.	Dalchand Kumar Mahato	43	M	Lab	Helper	17.02.2024			
17.	Shankar Mahato	39	M	Lab	Helper	17.02.2024			
18.	Brundaban Chanra Das	48	M	Automobile	DGM	17.02.2024			
19.	Anil Kumar	35	M	Mechanical	HOD	17.02.2024			
20.	Wahab Ansari	58	M	Mechanical	Welder/Fitter	17.02.2024			
21.	Givind Mahato	46	M	Mechanical	Helper	17.02.2024			
22.	Jagrath Mahato	47	M	Mechanical	Helper	17.02.2024			
23.	Sachin Kumar	37	M	Mechanical	Helper	17.02.2024			
24.	Netal Thakur	46	M	Mechanical	Helper	17.02.2024			
25.	Mahesh mahato	39	M	Mechanical	Helper	17.02.2024			

17/2/2024
 Dr. Mahesh Kr. Khandelwal
 M.B.B.S. FRHS
 D.P. Diabetology
 No. - 32891

Sl.No.	Name of Employee	Age	Sex	Department	Designation	Date of Medical Examination and Result		Sign & Symptoms Observed During Examination	Signature of the Certifying Surgeon
						Date	RESULT FIT/UNFIT		
26.	Jai Govind Mahato	42	M	Mechanical	Helper	17.02.2024			
27.	Heeralal Mahato	39	M	Mechanical	Helper	17.02.2024			
28.	Prem dayal Mahato	38	M	House Keeping	Supervisor	17.02.2024			
29.	Nakel Mahato	58	M	House keeping	Helper	17.02.2024			
30.	Darshan Soren	54	M	Lab	Helper	17.02.2024			
31.	Bhola das	59	M	House Keeping	Helper	17.02.2024			
32.	Dashrath Mahato	43	M	House Keeping	Helper	17.02.2024			
33.	Triveni Mahato	51	M	House Keeping	Helper	17.02.2024			
34.	Amitav Kumar Dutta	49	M	Power Plant	GM	17.02.2024			
35.	Abhinandan Kumar	32	M	Civil	Asst. Manager	17.02.2024			
36.	Chandan Shaw	47	M	Electrical	Manager	17.02.2024			
37.	Manuranjan Kumar Singh	40	M	Mechanical	Manager	17.02.2024			
38.	Anand Kumar Dutta	40	M	Mechanical	Manager	17.02.2024			
39.	Upendra Ram	30	M	Mechanical	Manager	17.02.2024			
40.	Manish Kumar singh	35	M	CPP	Asst. Manager	17.02.2024			
41.	Yashwant Singh	51	M	SMS	GH	17.02.2024			
42.	Rakesh Kumar Singh	39	M	SMS	Manager (QC)	17.02.2024			
43.	Rajesh Kumar Gupta	36	M	SMS	Ele. HOD	17.02.2024			
44.	Pramil Mukherjee	49	M	Electrical	Manager	17.02.2024			
45.	Satya Ranjan Tripathy	37	M	SMS	Asst. Manager	17.02.2024			
46.	Jay Nanadan Singh	36	M	Production	Manager	17.02.2024			
47.	Sudama Rai	42	M	SMS	Sr. Manager	17.02.2024			


 19/12/2024
 Dr. Mahesh Kr. Khandelwal
 M.B.B.S., FRHS
 PG, DIP. Diabetology
 Reg. No. 32891



RAMGARH SPONGE IRON PRIVATE LIMITED

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 P.O.- DADI P.S - GIDDI
 DIST.-HAZARIBAGH, 829109, JHARKHAND
 GSTIN : 20AACCR8706R1Z1

EXTRACT OF THE MINUTE OF THE MEETING OF BOARD OF DIRECTORS OF RAMGARH SPONGE IRON PVT LTD HELD ON WEDNESDAY 21ST JULY 2021 AT 11.00 AM AT THE REGISTERED OFFICE OF THE COMPANY

The chairmen informed the board a healthy and sustainable environment is important to our citizen, our economy and our future. Based on the principle of managing environment resources for the benefit and enjoyment of both current and future generation, the board decided to frame and adopt the Environmental Policy. After due deliberation following resolutions were passed in this regard:

“RESOLVED THAT” the board hereby adopts the Environmental Policy (as discussed below). The mission of Ramgarh Sponge Iron Private Limited has developed a well defined Environmental policy by which the company is committed to conduct business with strong environmental conscience towards community, customer & employees. The safety and environment policy is as below:

- The Environment, health and safety policy is the rules and commitment driven towards conservation of environment with protection of employee's health and safety with zero causality targets.
- M/s RSIPL committed towards efficient use of natural resources based on reduce, recycle and reuse method.
- M/s RSIPL committed towards identification of possible impacts and will take necessary management plan to mitigate the impacts with monitorable target.
- Our environment and safety performance will be regularly monitored and reported which will help for continual improvement of our environment and health performance.
- Our business policy is not only seeks to minimise the impact on the environment but also improve the environmental quality of the plant and its surrounding area.
- For health and safety of workers, our efforts is for identification of workplace hazards and creating awareness among the workers for reduce accident. Training to the workforce regarding prevention of accident, accident response and emergency preparedness.
- We strongly believe that accident and adverse environment impact can be controlled through good quality of working environment, safety management and worker's involvement.

Ramgarh Sponge Iron Pvt. Ltd.

Authorized Signatory

REGD OFFICE: 33A, JAWAHAR LAL NEHRU ROAD, 17TH FLOOR, CHATTERJEE INTERNATIONAL CENTRE, ROOM NO- 08, KOLKATA, W.B-7



RAMGARH SPONGE IRON PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH - 829117 (JHARKHAND)
EMAIL- rsippra.ram@rediffmail.com
ramgarhsponge.in@gmail.com
WEBSITE- www.ramgarhsponge.in

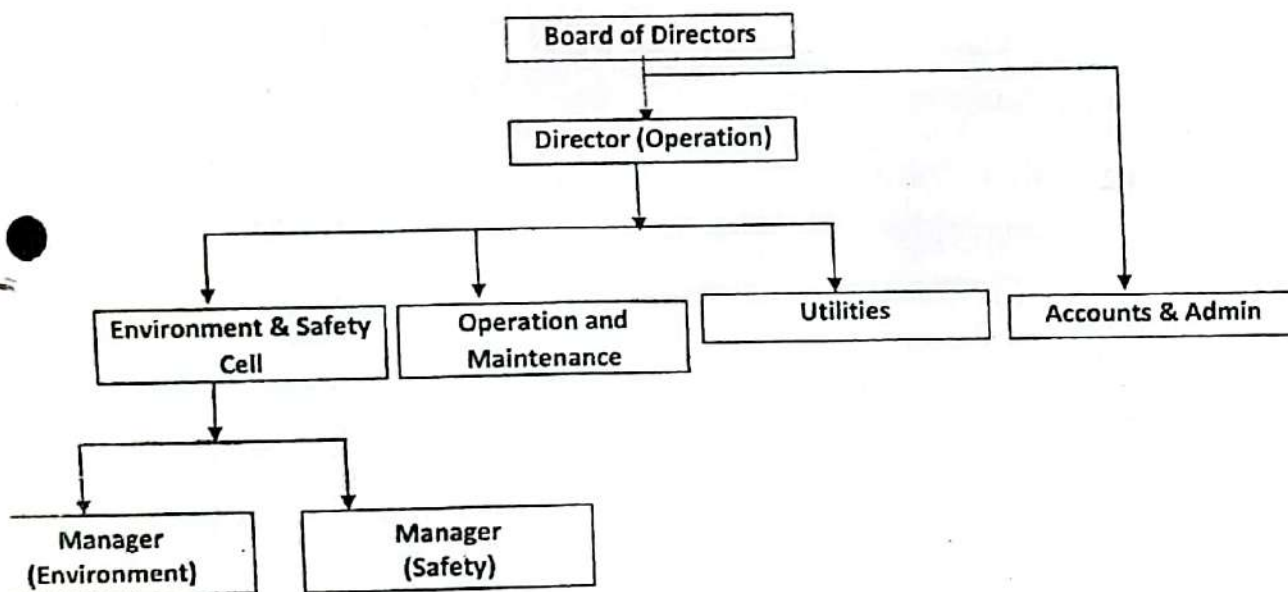
WORKS:
VILLAGE-HOSIR,
P.O.- DADI P.S - GIDDI
DIST.-HAZARIBAGH, 829109, JHARKHAND
GSTIN : 20AACCR8706R1Z1

Environmental Management Cell

The environmental management cell is headed by qualified environmental engineers/ Scientist to deal with all EMP related matter like environmental monitoring, environmental system, environmental performance, compliance requirement and liasioning with regulatory authority safety and disaster management and occupation health. He is assisted by manager (safety), and manager (Environment).At the bottom safety officers, health workers and chemist to perform all day-to-day routine work. The environment management systems (EMS) will provide guidelines to manage the environmental impact of proposed activities. This also include detail organization structure, responsibilities, practices, procedure and resources for environment management.

The detail hierarchical system of M/s Ramgarh Sponge Iron Private Limited is given in the Figure below:

Organizational Chart of Environment Management Cell of RSIPL



RESOLVED FURTHER THAT, the Board be and is hereby recomended to adopt Environmental Policy, as the draft placed before the board, initiated by the chairman for the sake of identification

For Ramgarh Sponge Iron Pvt Ltd

Director

Ramgarh Sponge Iron Pvt. Ltd.

Authorised Signatory



RAMGARH SPONGE IRON PRIVATE LIMITED

CORRESPONDANCE ADDRESS:
NEAR P.N BANK, MAIN ROAD
RAMGARH CANTT.- 829122
DISTT. RAMGARH (JHARKHAND)
E- mail : rsiplpra.ram@rediffmail.com

WORKS:
VILLAGE-HOSIR, P.O.- GIDDI
DIST.-HAZARIBAG, 829109
JHARKHAND

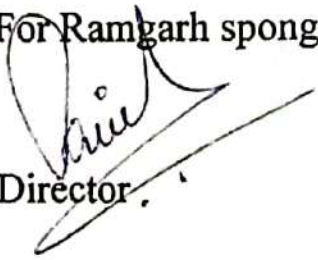
ENVIRONMENTAL POLICY

We are adhered for sustainment of environmental achievement to the maximum extent at our Esteemed Organization and we reciprocate to the values endorsed by the communities in which we work. Thus the compilations of environment responsibilities are the integral part of our business and are driven by the commitment to protect, preserve and foresee the environment.

We are proactively committed to work with the issue of Climate Change vis-a-vis utilizing the efficient use of natural resources and energy, curbing pollution hazard ship, appropriation of wastes avoidance and recycling measures in order to achieve maximum product quality.

The Company aims at continuance improvement in the environment performance, we shall get higher goal for achievements of target, develop, implement and maintain standards and move beyond the set off of the industrial standards.

For Ramgarh sponge Iron Pvt Ltd.


Director.

Ramgarh Sponge Iron Pvt. Ltd.


Authorized Signatory



RAMGARH SPONGE IRON PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
 DARSH COLONY, BEHIND ASHOK CINEMA
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 GSTIN : 20AACCR8706R1Z1

Function of Environment Management Cell

The functions of Environment management cell are:

- Obtaining environmental permits such as NOC or consent from state pollution control board and timely renewal of those.
- Carrying out environmental monitoring as per regulatory requirement along with other compliances stipulated by SPCB.
- Submission of compliance to the regulatory authority in time.
- Implementation and monitoring of environment management plan.
- Implementing the, Environmental pollution control and protective measures.
- Coordinating the environment related activities within the project as well as with outside stake holders. Collecting statistics of health of workers and people of the surrounding villages, green belt development status and peripheral development activities.
- Environmental training particularly in environmental monitoring is to be imparted to all project personnel.
- Inspection of facilities, activities for compliance with environmental regulations,
- Coordinate with the Board of directors and management personnel on environmental issues.
- Adhering to pollution measure by discussing with various departments even if it is not being identified by SPCB and trying to achieve zero emission in non targeted areas.

Procedures to bring into focus any infringement/ deviation/ violation of the environmental or forest norms/ conditions

The company will develop a system of reporting non-compliance/violations of environmental norms to the Board of Directors of the company. This is detailed as below;

- EMS review will be carried out quarterly. The meeting will be presided by Plant head and members of environment cell.
- The agenda points will be covered as below
 - a. Fulfillment of environment objective
 - b. Statutory compliances conditions
 - c. Outcome of environmental monitoring programme (any deviation there to)


Ramgarh Sponge Iron Pvt. Ltd.

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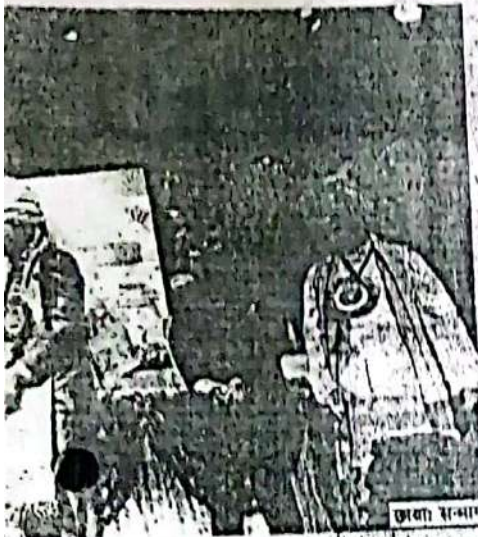
- d. Effectiveness of EMP implementation
- e. Public complaints and feedback.
- f. Effectiveness of any implemented improvements in terms of revised standards and operating system
- g. Feedback of managerial and supervisory persons
- h. Suitability of policies and procedures

- Any non-compliance/ violations of environmental laws and norms reported through Environment Management Cell are reviewed at the management review meeting.
- Head, Environment and safety brings the same to the notice of Plant head immediately and carries out root cause analysis. Corrective actions are proposed for mitigation of the adverse effects if any due to such non-compliance/violation and preventive action to ensure non repetition of the same.
- Corrective and preventative actions will be taken as relevant to the magnitude of the potential problem.
- Environmental reports and updates are generated by Environment Section personnel and circulated to relevant site personnel. Relevant information on incidents, non-conformances and corrective and preventative action is also included in these reports and is submitted for management review of the EMS.

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ह कुलाधिपति ने गोल्ड दिये मेडल व प्रमाण-पत्र



अंगत सेवार ने मंच का सम्भालन किया एवं विश्वविद्यालय के अन्य कर्मियों को एवं टीचर्स सहयोग के उद्देश्य पर प्रकाश डाला। उसके बाद विधिवत संबन्ध में गोल्ड मेडल प्राप्त करने वाले छात्र-छात्राओं को सम्बन्धित सह-अध्यक्षों ने मेडल पहनकर और स्टॉफिंगेट के सम्मानित किया। 105 गोल्ड मेडल और 15 पीपी के गोल्ड मेडल प्राप्त किया गया। कुलपति को अर्पण किया, सिन्हा ने उपस्थित सभी अधीक्षकों, अध्यापकों और छात्रों के प्रति आभार व्यक्त किया।

नौकरी और धन अर्जित लिए नहीं : राज्यपाल

राज्यपाल अधिवक्त्रों को विश्वविद्यालय द्वारा समय पर की जानी चाहिए ताकि नौकरी को समय पर प्रमाणित करने वाले सभी छात्र प्रत्यायन करने से ज्ञान अर्जित कर नए जीवन में प्रवेश कर सके। विश्वविद्यालय में प्रवेश के दौरान जो प्रश्न और शिवा अर्जित की है, यह आने वाले अधिवक्त्रों से ज्ञान को प्रदर्शित करने का अवसर प्राप्त होवे। अपनी प्रतिभा से उच्च शिक्षा हासिल करने सम्बन्धित राज्य और राष्ट्र के निर्माण में अपनी भूमिका निर्धारित करके राष्ट्र निर्माण में अपनी सहभागिता दें। शिक्षा का लक्ष्य किन्हीं धन अर्जित करना नौकरी करना नहीं बल्कि शिक्षा मनुष्य को चरित्रवान बनाने के माध्यम से उत्तम नागरिक बनने का काम करता है। शिक्षा सामग्री महत्वपूर्ण पूंजी है रखने वाला व्यक्ति जीवन भर मरने तक शिक्षा ही है। राष्ट्रीय सामाजिक आर्थिक विकास के सबसे शक्तिशाली शिक्षा ज्ञान से ही राष्ट्र विकसित होता है। यदि हमारे देश को उच्च विकास के पथ पर आगे बढ़ाना है तो उच्च शैक्षणिक शिक्षा को प्राप्त करने के लिए निरंतर प्रयास करने चाहिए, कोल्हाण विरप्रविद्यालय में शैक्षणिक माहौल होना चाहिए शिक्षकों को श्री सम्मान अर्पण में शिक्षा के प्रति समर्पित होना चाहिए।

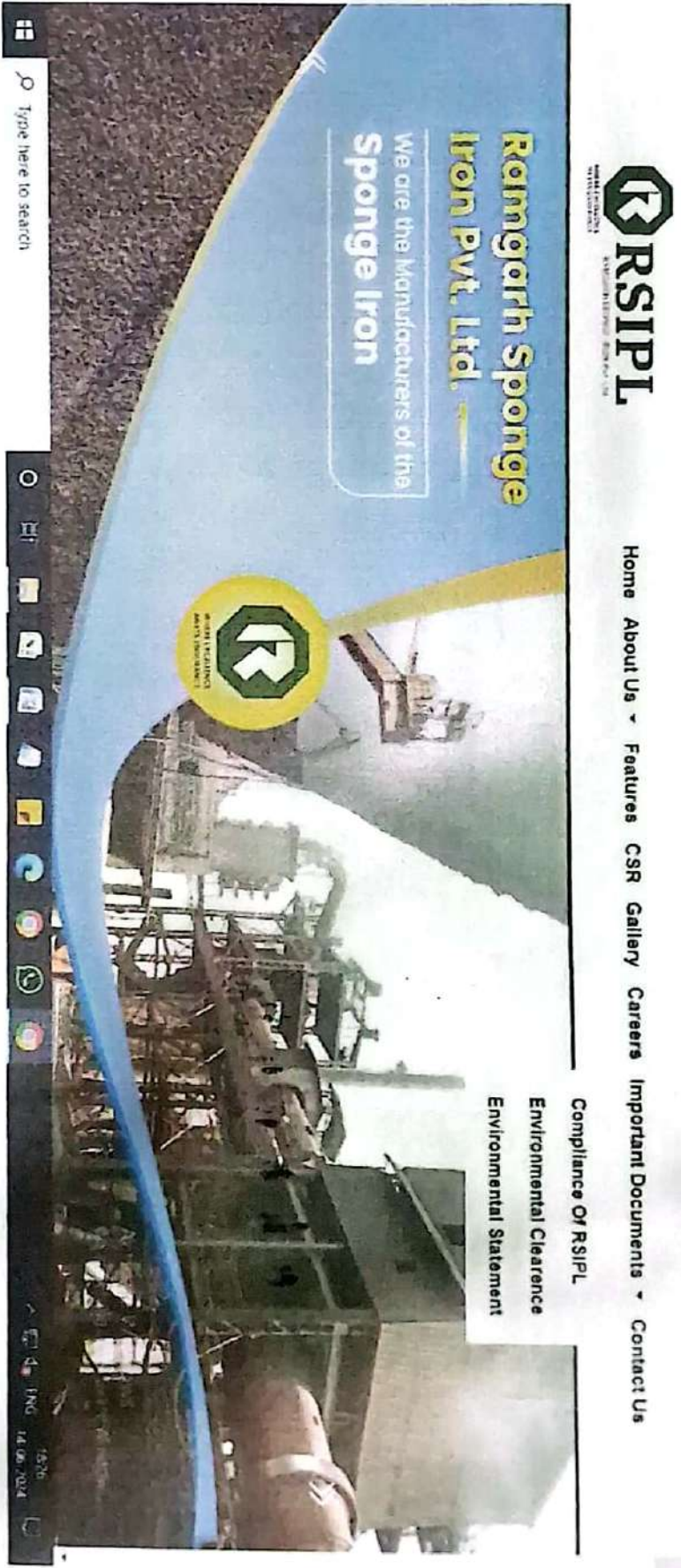
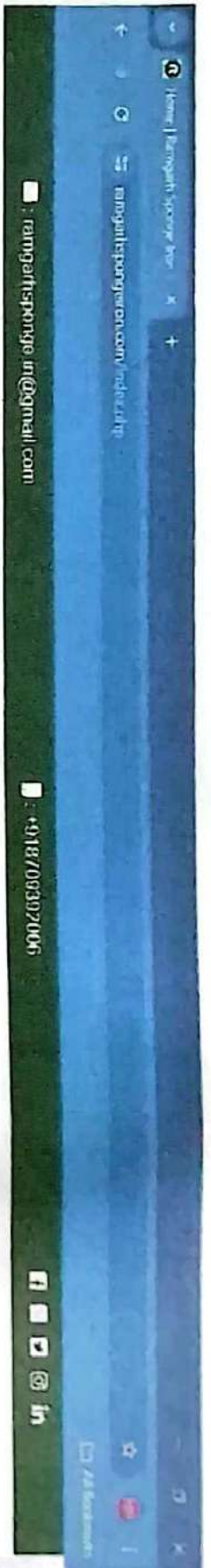
प्रमाणित प्रमाणित प्रमाणित (सिद्धिपत्र)
 पत्रांक- / नगरी, बरहस्ता, दिनांक-
शुद्धिपत्र
अत्यकालीन ई-निविदा आमंत्रण सूचना 20-
NPB/00/2021-22
 सभी निविदादाता को सूचित किया जाता है, कि द्वारा कार्यालय के पत्रांक- 211/ नगरी, बरहस्ता दिनांक- 25/03/2022 को द्वारा अत्यकालीन ई-निविदा आमंत्रण/सूचना- NPB/00/2021-22 को दैनिक समाचार पत्रों में प्रकाशित की गई थी, को अपरिहार्य कारणवश अगले आदेश तक के लिए स्थगित की जाती है।
PR No 267053 Urban Development (21-22)
PR 267053 Urban Development (22-23)_D कार्यपालक पदाधिकारी नगर पंचायत, बरहस्ता

रामगढ़ रोज आयरन प्राइवेट लिमिटेड
 प्रारंभ स्थापना को सूचित किया जाता है कि रामगढ़ रोज आयरन प्राइवेट लिमिटेड राम - रोसा, पोस्ट - राणी, थाना - गिरी, जिला - कोशी/भारत-के प्रस्तावित/परिसीमांक में निवेश/करण/प्रतिष्ठान/कार्यालय का उत्पादन 90,000 टन प्रति वर्ष से 2,25,000 टन प्रति वर्ष, 1,76,400 प्रति वर्ष मिलेट के उत्पादन हेतु 4XS TPI) प्रस्तावित प्रयोग तथा 100 एम० की स्थापना, 50 मेगावाट कैपेसिटी पावर प्लांट की स्थापना (16 मेगावाट WHRB तथा 14 मेगावाट AFBC प्रोपल्ट) तथा 1,50,000 टन प्रतिवर्ष टी० एम० टी० स्तर के उत्पादन हेतु रीडिंग मिल की स्थापना के लिए पर्यावरणीय सवीयुक्ति को मंजूरी भारत सरकार के मन, पर्यावरण एवं प्रदूषण नियंत्रण मंत्रालय, नई - दिल्ली द्वारा दिनांक 24.01.2022 को EC Identification No. - EC22A008JH118531 द्वारा प्रदान की गयी है।
 बुले रामगढ़ रोज आयरन प्राइवेट लिमिटेड

जिला अभिरक्षता, जिला परिषद, लोहराणा (राज्य/समा कोशी)

Ramgarn Sponge Pvt. Ltd.

Authorized Signatory



Ramgarh Sponge Iron Pvt. Ltd.

Authorised Signatory



RAMGARH SPONGE IRON PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
 ADARSH COLONY, BEHIND ASHOK CINEMA
 RANCHI ROAD, P.O. MARAR
 DIST- RAMGARH - 829117 (JHARKHAND)
 EMAIL- rslplpra.ram@rediffmail.com
 ramgarhsponge.in@gmail.com
 WEBSITE- www.ramgarhsponge.in

WORKS:
 VILLAGE-HOSIR,
 P.O.- DADI P.S - GIDDI
 DIST.-HAZARIBAGH, 829109, JHARKHAND
 GSTIN : 20AACCR8706R1Z1

Letter No. – RSIPL/CEO-DDC/ZP/HZB/2022-23/

DATE – 11.04.2022

To,

The Chief Executive Officer-Cum-Deputy Development Commissioner.
 Zila Parishad,
 Hazaribagh.

Sub: Submission of Environmental Clearance.
Ref. No.- F.No.-J-11011/309/2019-IA.II(I)

Dear Sir,

With reference to the above we wish to submit that the Environmental Clearance for expansion in production capacity of Sponge Iron from 90,000 TPA to 2,25,000 TPA, production of M.S. Billet 1,76,400 TPA by installation of 4X15 TPH Induction Furnace with CCM, Captive Power Plant 30 MW (WHRB 16MW & AFBC 14 MW) and TMT Bar 1,50,000 TPA by installation of Rolling Mill in our existing plant Ramgarh Sponge Iron Pvt. Ltd. at Village – Hosir, P.o.- Dadi, P.S. - Giddi, Dist – Hazaribagh was granted by the Ministry of Environment Forest & Climate Change, vide EC Identification No. – EC22A00SJH118531, dated 24.01.2022.

In compliance of the condition laid down in sub paragraph 2 of the paragraph 10 of the General Condition B. we are submitting herewith a copy of the said Environmental Clearance for your kind information and valuable suggestion.

Thanking You,

Yours Sincerely,

For Ramgarh Sponge Iron Pvt. Ltd.

Authorized Signatory.

Environmental Statement
OF
M/s RAMGARH SPONGE
IRON PVT LTD

AS ON

31ST MARCH 2024

Village: Hosir, P.O.: Dari, Dist.: Hazaribag
(Jharkhand)

Ramgarh Sponge Iron Pvt. Ltd.


Authorized Signatory

FORM V

(See Rule 14)

Environmental Statement for the financial year ending the 31st March 2024

PART -A

SI No.	ITEM	INFORMATIONS
i.	Name and Address of the owner/occupier of the Industry operation or process	Mahabir Prasad Rungta (Director) Ramgarh Sponge Iron Pvt Ltd Village Hosir, P.O. Giddi Dist. hazaribagh
ii.	Industry category Primary (SSI Code), Secondary (SSI Code)	Primary
iii.	Production Capacity	Sponge Iron 1,20,000 MT/Annum
iv.	Year of Establishment	2005
v.	Date of last Environmental Statement submitted	April 2023

PART -B

Water and Raw Materials Consumption

(1) Water Consumption in Kilo Liter /day

(a) Process: 00.00 KL/day

(b) Cooling: 275 KL/day

(c) Domestic: 6.80 KL/day

SI No.	Name of Product	Process water Consumption Per M T of Final Product	
		During the previous Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Sponge Iron	0.95 KL	1.12 KL

Ramgarh Sponge Iron Pvt. Ltd.


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(2) Raw Material Consumption

Sl No.	Nature of Raw Material	Raw Material Consumption Per M T of Product Output	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Iron Ore	2.68	2.40
2.	Coal	0.95	1.06
3.	Dolomite	0.067	0.065

PART -C

Pollutants discharged into environment/unit of output

(Parameters as specified in the consent issued)

Sl. No.	Pollutants	Quantity of Pollutants Discharged (mass/day)	Concentration of pollutants in Discharges (mass/day)	Percentage Upward Variation from the Prescribed Standards With Reason
(a)	Water	---	N.A.	--
	Air	--	26.20 Mg/Nm ³	Within the Prescribed Standards

The unit has set up all required pollution control device at required places and all are giving better result, therefore pollution has been controlled to the great extent.

PART -D

Hazardous Wastes

(As specified under Hazardous Wastes management and Handling Rules, 1989)

Sl No.	Hazardous Wastes Generated	Total Quantity	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
(1)	From Process	376.290 Kg (Used Oil)	264.000 Kg (Used Oil)
(2)	From pollution control Facilities	NIL	NIL

Ramgarh Sponge Iron Pvt. Ltd.


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PART -E

Solid Wastes

Sl No.	Source	Total Quantity	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
(a)	From Process - Dolochar	32407.000 MT	30654.000 MT
(b)	From pollution control Device	21913.000 MT (ESP & Bag Filter Dust)	10163.280 MT (ESP & Bag Filter Dust)
(c)	Facilities-		
(i)	Sold	38402.750 MT (Dolochar)	28993.840.750 MT (Dolochar)
(ii)	Disposed	20317.000 MT (ESP & Bag Filter Dust)	12568.440 MT (ESP & Bag Filter Dust)

PART -F

Please specify the characterizations (in terms of composition and quantum of hazardous as well as solid waste and indicate disposal practice adopted for both these categories of wastes:-

33.50 % Dolochar as solid wastes generated in the manufacturing process. Composition VM 1.4%, Ash 72%, IC 26.60%. It is sold to the power plant unit.

PART -G

Impact of the pollution statement measures taken on conservation for natural resources and on the cost production:-

Company has taken all necessary measure for conservation of natural resources in and around of the factory premises. Due to construction of road, plantation of more trees in the factory premises and continuous water sprinklers have helped in minimizing pollution to the great extent. Company has proposed to invest sufficient fund for implementation of pollution control.

PART -H

Additional measures/investment proposal for environmental protection including statement of pollution prevention:-

ESP in the stacks of all the kilns and Bag Filters at desired points are functioning properly during operation of the plant to control the air pollution.

PART -I

Any other particulars for improving the quality of the environment:-

We shall monitor for improving of existing measures of pollution control regularly. If required, further steps will be taken for improvement. We will abide by the all suggestion received by the JSPCB/ CPCB/ MoEF & CC to improve the quality of the environment.

Ramgarh Sponge Iron Pvt, Ltd.


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RAMGARH SPONGE IRON PRIVATE LIMITED

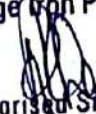
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 GSTIN : 20AACCR8706R1Z1

FINANCIAL CLOSURE AND COST OF PROJECT OF RAMGARH SPONGE IRON PVT. LTD.

Sl.No.	Item installed	Period of installation	In house finance	Loan
1.	DRI Kiln (3X100 TPD)	2004-05, 2005-06	26,49,58,282.00	4,91,87,905.00
2.	DRI Kiln (1X100 TPD)	2015-16	11,01,61,472.00	NIL

Ramgarh Sponge Iron Pvt. Ltd.


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