



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:

ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH - 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE- www.srpspl.com

WORKS:

ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST - RAMGARH- 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Letter No :- SRPSPL/MOEF&CC/2024-25/11

Date:-01.07.2024

To,
The Deputy Director General
Ministry of Environmental, Forest & Climate Change
Integrated Regional office, 2nd Floor
Head Quarter Jharkhand State Housing Board,
Harmu Chowk, Ranchi – 834002.

Sub : Compliance of Conditions of Environmental Clearance.
Ref : F.No – J – 11011/260/2009 – IA – 11(I) dt:- 10.08.2021

Dear Sir,

As referred above, we have obtained Environmental Clearance of our unit Shriram Power & Steel Pvt. Ltd. for enhancement of production from 60000 TPA to 90000 TPA, M.S Billets 72000 TPA by installation of 2 x 12 TPH Indention Furnace with CCM and Captive Power Plant (AFBC 6 MW ABD WHRB 6MW) Which are in operation Presently we have installed 3 x 100 TPD DRI Kilns and 2 x 12 TPH Indention Furnace with CCM and Captive Power in Under Installation.

Under the provision of Environmental (Protective) Act, 1986, We are submitting here with six monthly compliance report of our unit for the period from 01.10.2023 to 31.03.2024. The same are enclosed to your information and record.

Thanking You
Your faithfully
For Shriram Power & Steel Pvt Ltd.

Authorize Signatory

COMPLIANCE OF ENVIRONMENTAL CLEARANCE

GRANTED BY MOEF & CC, NEW DELHI VIDE F.NO.J-11011/260/2009-IA-II(I) dt.10.08.2021

Proposal No. IA/JH/IND/195539/2018. (Expansion)

Sl	CONDITION	COMPLIANCE/STATUS 01.10.2023 to 31.03.2024
A	SPECIFIC CONDITIONS:	
i.	An affidavit shall be submitted to the Ministry stating that observations made in the inspection report of Regional Office dated 02/06/2021 has been complied within three months from date of issue of the Environmental Clearance.	Complied. Copy of the affidavit is submitted in previous EC Compliance.
ii.	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 herewith as Annexure -1.
iii.	Project proponent shall obtain prior permission from concerned competent authority for withdrawal of 1241 KLD water from Bokaro river before commencing the expansion project activity..	Permission for withdrawal of 1241 KLD water from river Bokaro is granted by the DVRRC. Copy of the Permission Letter and agreement deed executed with DVRRC are attached herewith as Annexure -2.
iv.	Rain Water harvesting shall be implemented as per the action plan submitted in the EIA report.	We proposed to construct 8 No. Rain Water harvesting pit in which 3 No. Rain Water harvesting Pit are already constructed. Hydrological Study of Rain Water Harvesting is attached as Annexure -3.
v.	100% dolochar generated in the plant shall only be used either in the captive power plant (or) in the Thermal Power Plant meeting emission standards.	Is being complied. Copies of the few sale invoices of dolochar are attached as Annexure -4.
vi.	Water spray system shall be included to control fugitive dust from raw material Stockpiles.	Sufficient numbers of water sprinklers are installed to control the fugitive emission. Water spraying has also been done through water tanker at the vehicle movement area. Photographs of water sprinklers are attached herewith as Annexure-5.
vii.	Stockpiles shall be constructed on impervious floors and Garland drains shall be constructed with traps around the plant and around the stock piles.	Stockpiles are constructed on impervious Floors and garland drain is constructed with trap around the plant and around the stockpiles. Photographs of Garland drain and Stockpiles are attached as annexure 6.
viii.	100% solid waste shall be utilized. Maximum storage of solid waste in plant shall be 90 days of production.	Is being complied. Char generated from DRI process sold the authorized dealers to be used in power plant and bricks manufacturing unit. 2. Fines & Dust from DRI APCS is reuse in process & Low land filling, 3. Slag from SMS is sold to slag processing units and other road

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		making after recovery and removal of irons content.
xi.	Parking area for 25 trucks shall be provided within the plant.	Adequate parking area is provided within the plant premises to park the vehicles.
x.	Green belt shall be developed in 40% of the total area all along the periphery of the project site with a tree density of 2500 trees per hectare.	Being complied. Complied. Local species of trees are planted in 40 % of the total plant area all along the periphery of the project site. Inventory of Trees planted and photographs attached as annexure 7.
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.	Other statutory approval such as CTE and CTO is obtained from Jharkhand State Pollution Control Board. Copy of the CTE and CTO are attached herewith as Annexure-8 and Annexure-9.
	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.	Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters is installed. It is connected with the server of JSPCB and CPCB. Photograph of Continuous Emission Monitoring System is attached as Annexure-10 Ambient Air Quality Monitoring Report is attached herewith as Annexure - 11
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.	Is being complied. Fugitive Emission Monitoring Report by recognized laboratory is attached herewith as Annexure -12.
iii.	Appropriate Air Pollution Control (APC) system shall be provided for all the dust	Complied. Air Pollution Control (APC) system viz ESP, Bag Filter Fume Extraction system

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	generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.	has been provided for all the dust generating points including fugitive dust from all vulnerable sources. Photograph of APCD and list of APCD attached as annexure 13.
iv.	The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.	Complied. Leakage detection and mechanized bag cleaning facilities are provided as per the condition.
v.	The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.	Raw materials are transported through covered conveyor belt to control spillage and dust generation. Few photographs of the same are attached herewith as Annexure -14.
vi.	The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.	Complied.
vii.	Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.	Raw material shed is fenced with three sides to shelter the wind. Photograph of Raw Material Shed is attached as Annexure-15
viii.	Design and ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.	Is being complied.
	III. Water quality monitoring and preservation	
i.	The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent area through labs recognized under Environmental (Protection) Act, 1986 and NABL accredited laboratories.	Ground water quality is monitored through the recognized laboratory. Ground Water, Waste Water Monitoring and Leachate Study Report is attached herewith as Annexure -16.
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 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.	As Rolling Mill is not installed, so effluents from rolling mill are not generated.
	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-17.
	V. Energy Conservation Measures	
i.	Energy conservation measures may be	Is being complied. Solar lights and LED lights

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	adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.	are provided in the plant.
	VI. Waste management	
i	Used refractories shall be recycled as far as possible.	Is being complied.
ii.	Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnace	As rolling mill is not installed, so oily scum and metallic sludge are not recovered.
iii.	.Kitchen waste shall be composed or converted to biogas for further use.	Is being complied. Kitchen waste is composted and used as manure of horticulture.
	VII. Green Belt	
i	The project proponent shall prepare GHG emission inventory for the plant shall submit the program for reduction of the same and also estimate carbon sequestration by the plantation.	Noted for action.
	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 based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan has been implemented. Copy of Risk and Disaster management Plan attached as annexure 18.
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. Being Complied. Personal Protection Equipment (PPE) has been provided as per the norms of Factory Act. Photographs of workers wearing PPE attached as annexure 19.
iii.	Occupational health surveillance of the workers shall be done on a regular basis and records maintained.	Being Complied. Occupational Health surveillance of workers is being done and records are maintained. Medical Report of the workers is attached herewith as Annexure-20.
	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	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-21.

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	environmental/forest/wildlife norms/conditions and /or shareholders/ stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF & CC as a part of six-monthly report.	
iii.	A separate environmental cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of Senior Executive, who will directly to the head of the organization.	An Environmental Managing Cell is headed by qualified environmental engineer to deal with environmental monitoring, environmental system, environmental performance, required compliance and liaison with regulatory authority. Copy of the same is attached herewith as Annexure-22.
	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-23. Copy of the screen shot of the website regarding upload EC is attached as Annexure-24.
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, Ramgarh and Local Panchyat Office. Receipt of the letter submitted is attached herewith as Annexure-25.
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.	Being complied. Copy of the Screen Shot of the website regarding upload of compliance status of Environmental Clearance is attached herewith as Annexure- 24.
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. We are monitoring the pollutants and result of the monitored data is also displayed at the main gate of the plant.
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.	Regular six monthly Compliance report of EC is being submitted to the concerned authorities. Copy of the acknowledgement regarding submission of EC compliance is attached herewith as Annexure- 26.

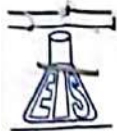
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vi.	The project proponent shall submit environmental statement for each financial year in Form V to the concerned State Pollution Control Board as prescribed under the Environmental (Protection) Act, 1986, as amended subsequently and put on the website of the company.	Complied. Copy of the Environmental Statement for financial year ending 31 st March 2023 in Form V is attached as Annexure-27. Copy of the Screen Shot of the website regarding upload of Environmental Statement is attached herewith as Annexure-24.
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.	Noted.
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. Complied. We are adhering to all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also during the presentation to the Expert Appraisal Committee.
.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).	Noted. Neither expansion nor modifications in the plant will be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF& CC).
x.	Concealing factual data or submission of false / fabricated data may result in revocation of this environmental clearance and attract action under the provisions of 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.
xiii.	The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer(s) of the Regional Office by furnishing the requisite data /information/ monitoring report.	Noted. We will extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data/ information/monitoring reports as and when required.
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.

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ETS-LAB

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/1034/02/2024

DATE OF REPORT: 15.02.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD,NAYAMORE,P.O KUJU,DIST RAMGARH,
JHARKHAND 825316

Date Of Sampling : 08.02.2024

Analysis Start Date : 12.02.2024

Analysis End Date : 14.02.2024

Duration Of Sampling : 60.0MIN

Sample ID No. : 1034

Sampling Done By : ETS STAFF

Sampling Method : ETS/STP/ STACK-01

Stack Attached To : STACK-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 : 7.49 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	115.6	600	IS-11255 (Part-2)
3	Carbon Monoxide,(CO)	%v/v	0.82	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

ETS-LAB



TEST REPORT

TEST REPORT NO: ETS/1035/02/2024

DATE OF REPORT: 15.02.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST-RAMGARH,
JHARKHAND 825316

Date Of Sampling : 08.02.2024

Analysis Start Date : 12.02.2024

Analysis End Date : 14.02.2024

Duration Of Sampling : 60.0MIN

Sample ID No. : 1035

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 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 : 152.0^o C

Velocity Of Flue Gases : 7.78 MTR./SEC.

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	mg/Nm ³	28.3	30	IS-11255 (Part-1)
2	Sulphur Dioxide,(SO ₂)	mg/Nm ³	118.7	600	IS-11255 (Part-2)
3	Carbon Monoxide,(CO)	%v/v	0.80	1	IS: 13270

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



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY RAJ
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.
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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.



No. MD/DVRR/W-6(145)/2022/ 749-54

Date: 20.12.2022

To

The Director,
Shriram Power & Steel Pvt. Ltd.,
Adarsh Colony, Behind Ashok Cinema,
Ranchi Road, Ramgarh - 829117

Sub :- Concurrence for drawl of 0.27 MGD (1245 m³ per day) raw water from River Bokaro (a tributary to River Damodar) :- reg.

Ref : (1) Your application No. SRPSPL/19-20/026 dt. 29.08.2019
(2) GoJ letter No.- 1/PMC/MISC/939/2019/529 dt. 15.06.2022
(3) DVRRC 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 0.27 MGD (1245 m³ per day) of raw water from River Bokaro (a tributary River of Damodar) at village Sarubera, Churchu, Ramgarh for your project Shriram Power & Steel Private Limited, 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 DVRRC, 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 DVRRC meeting has already been circulated to the concerned officials vide letter under reference (iii). The concurrence of DVRRC for allocation of 0.27 MGD (1245 m³ per day) of raw water is hereby conveyed for drawl from River Bokaro (a tributary river of Damodar). The allocation is subject to the following conditions :

- 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.
- 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.
- The sourcing point and concurrence of water drawl 0.27 MGD (1245 m³ per day) is 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 an agreement for draw of water within a period of 3 (three) months from the date of issue of this letter.

(E) Draw of water should start within 24 months from the date of issue of this letter. In case of non draw 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.

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.

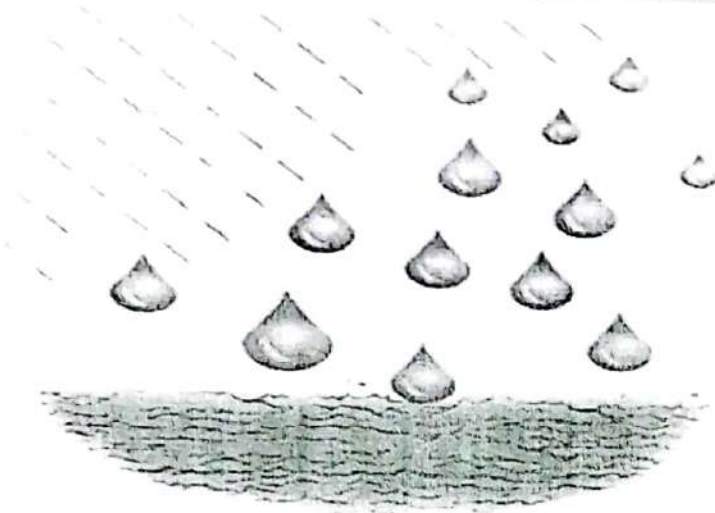
एरिया नंबर 2
मैथन डैम - ८२८२०७
दूरभाष: ०६५४०-२७४२१४
ई-मेल: sehocmaithon-cwc@gov.in
जल संरक्षण-सुरक्षित भविष्य



Area No 2
Maithon Dam-828207
Tel: 06540-274214
E-mail: sehocmaithon-cwc@gov.in
Conserve Water- Save Life

HYDROGEOLOGY STUDY OF RAIN WATER HARVESTING

M/S-Shriram Power & Steel Pvt.Ltd ARA
Sarubera Road, Naya More Kuju
Ramghar-825316, (JHARKHAND)



[2022-23]



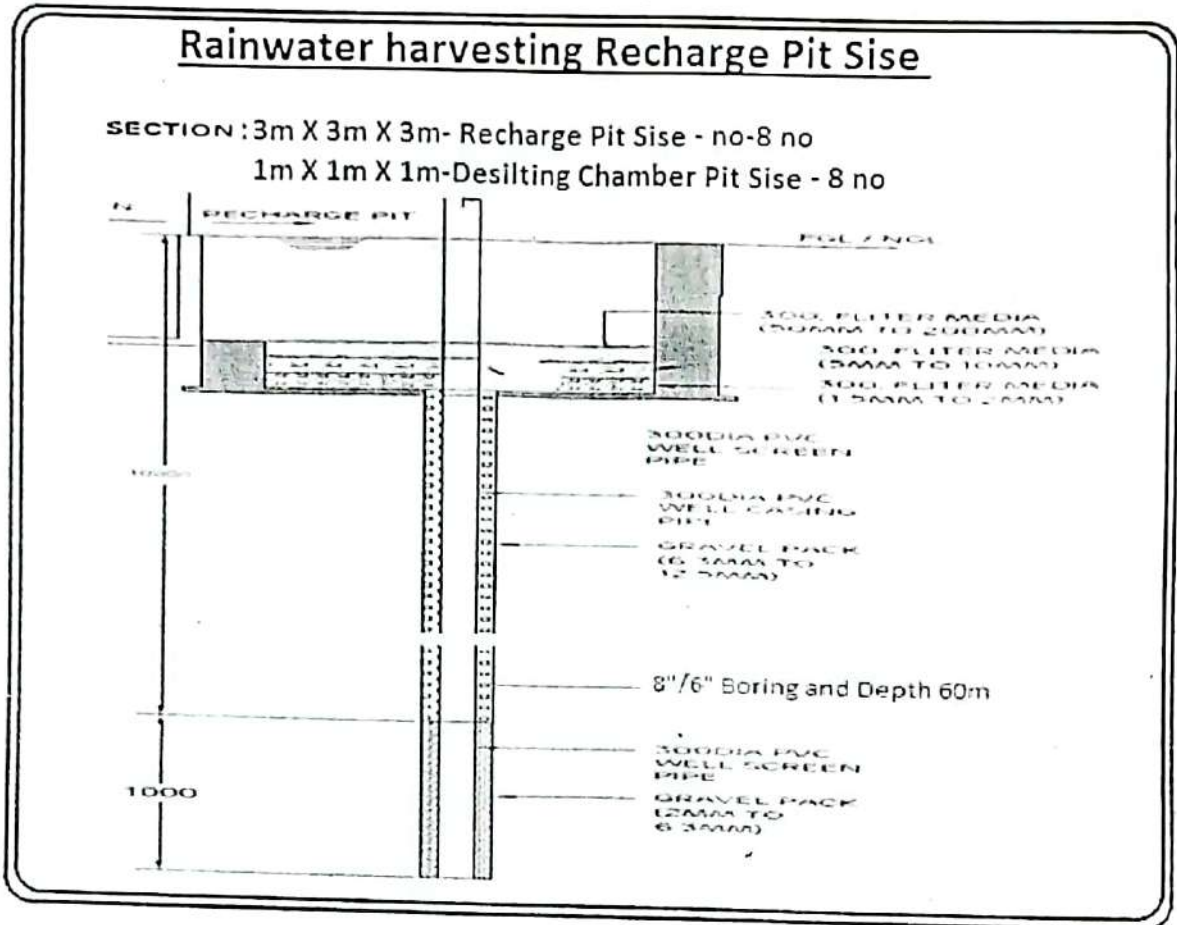
PROJECT PREPARED BY
[TRIPURARI ENTERPRISES PVT LTD, RANCHI, JHARKHAND]

Shriram Power & Steel Private Limited


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M/S-Shriram Power & Steel Pvt.Ltd ARA
Sarubera Road, Naya More Kuju Ramghar-
825316, (JHARKHAND)

Rainwater harvesting & Desilting Chamber
Structural layout plane

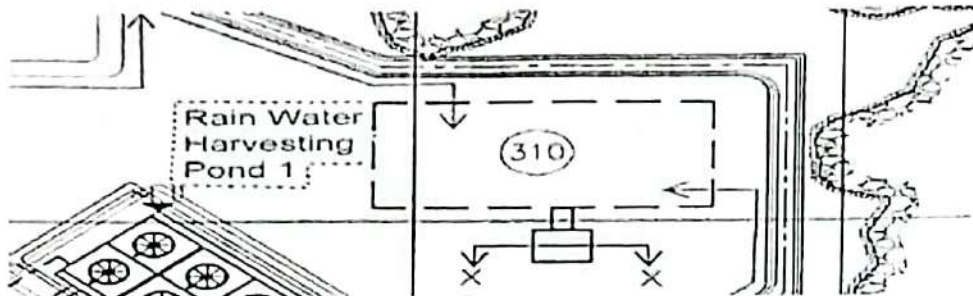


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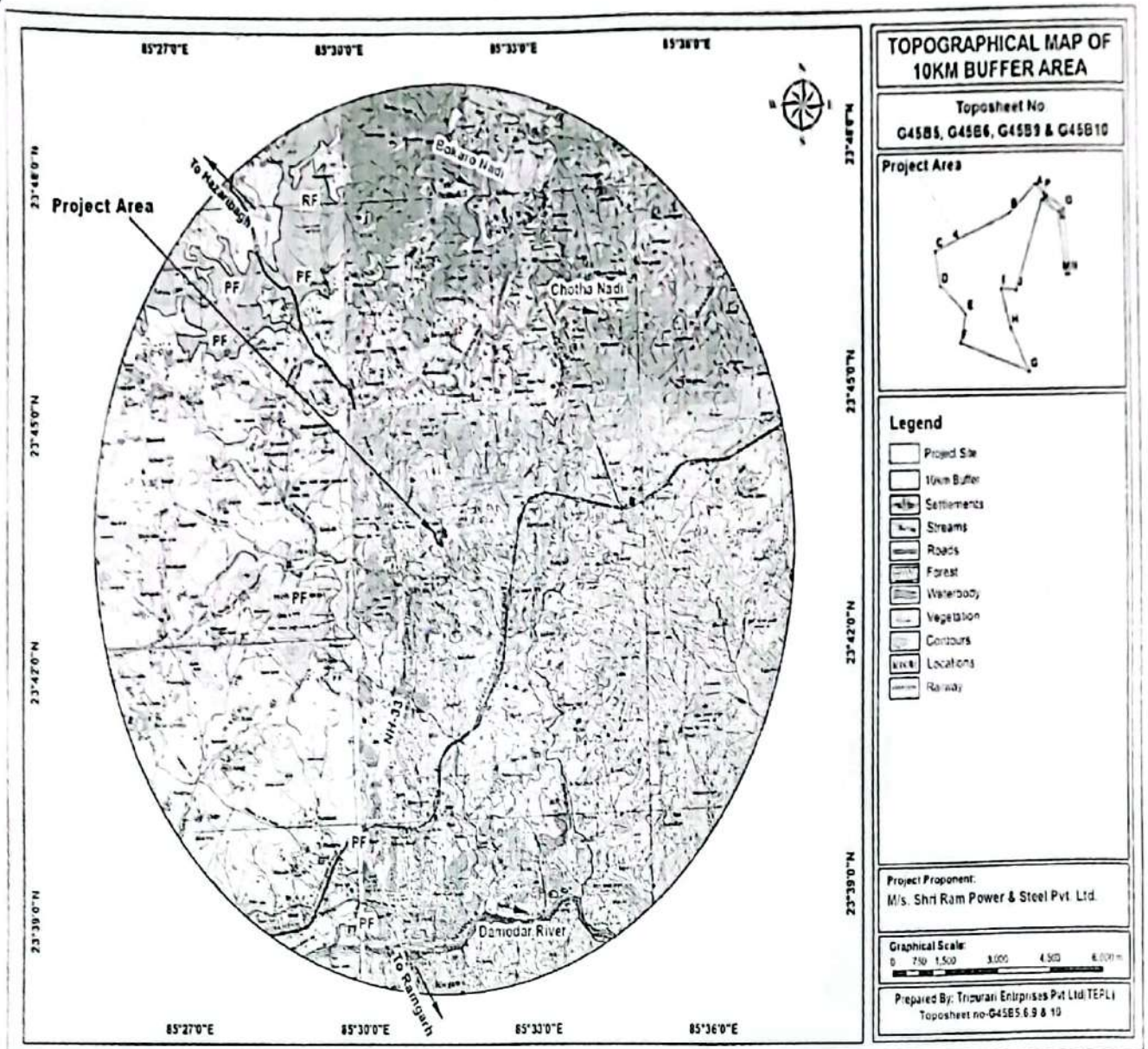
M/S-Shriram Power & Steel Pvt.Ltd ARA
Sarubera Road, Naya More Kaju Ramghar-
825316, (JHARKHAND)

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



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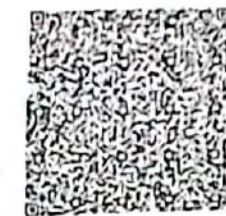

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SHRIRAM POWER & STEEL PVT. LTD.



SALE INVOICE

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

TRIPLICATE FOR SUPPLIER

Details of Supplier Name: SHRIRAM POWER & STEEL PVT. LTD. Address: ARA SARUSERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH State Name: JHARKHAND State Code: 20 Country: INDIA GSTIN: 20AAFCS1323N1ZM PAN No: AAFCS1323N CIN No.: Contact Detail: Email: shrirampower12345@rediffmail.com				Order No.: DR23007-003 Order Date: 07-10-2023 Party Ref No.: CHARCOAL FINES Party Ref Dt.: 03-SEP-2023				Serial No. Invoice: SD23Y-01765 Date of Invoice: 07-10-2023 E-Way Bill Number: E-Way Bill Date: Preparation Time: Removal Time:									
Details of Recipient (Billed to) BINDAL TRADERS SHANKARPURA, LAKHERI, BUNDI, BUNDI - 323613, LAKHERI, INDIA State Name: RAJASTHAN State Code: 8 GSTIN: 08AQWPAB787G1Z2 PAN No.: AQWPAB787G Contact Detail:				Details of Consignee (Shipped to) BINDAL TRADERS SHANKARPURA, LAKHERI, BUNDI, BUNDI - 323613, LAKHERI, INDIA State Name: RAJASTHAN State Code: 8 GSTIN: 08AQWPAB787G1Z2 PAN No.: AQWPAB787G Contact Detail: Place of Supply: RAJASTHAN				Transporter Details Name: SELF LR No.: LR Date: Vehicle No.: RJ32GB6023 Mode: Wship No.: 15070231452 From Place: NAYA MORE KUJU To Place: RAJASTHAN									
IRN No: ddbb7cb81572401f02e461c1dc0c633076a763bf13a250285f3bd391fbb3461c										IRN Dt.: 07-10-2023							
Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS		
									Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	
1	DOLOCHAR FINES	261900	39.340	MT	100.00	3,934.00		3,934.000					18	708.12	0	0.00	
Total:			39.340			3,934.00		3,934.00						708.12		0.00	
Currency Code: INR Exchange Rate: 1										GST TAXABLE VALUE				3,934.00			
Amount of Tax subject to Reverse Charges (Y/N)										Freight Basis: EX-FACTORY				IGST		708.12	
Total Tax Value (In Word) Rs - Seven Hundred Eight And Paise Twelve Only -										Total GST Value (INR)				708.12			
Total Invoice Value (In Word) Rs - Four Thousand Six Hundred Forty Two Only -										Total Invoice Value (INR)				4,642.00			
Terms & Conditions										For SHRIRAM POWER & STEEL PVT. LTD.							
Approval Remark: OK										Authorized Signatory							
Page: 1 of 1																	

Shriram Power & Steel Private Limited

 Authorised Signatory

SHRIRAM POWER & STEEL PVT. LTD.

Annexure - 4 Series



SALE INVOICE

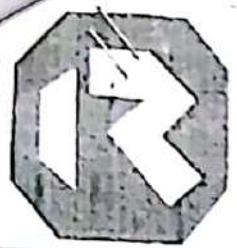
Under Rule 7 referred to Section-31 of the CGST ACT, 2017

TRIPLICATE FOR SUPPLIER

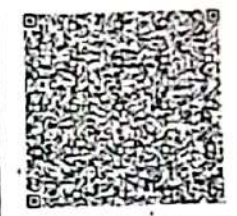
Details of Supplier Name: SHRIRAM POWER & STEEL PVT. LTD. Address: ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH State Name: JHARKHAND State Code: 20 Country: INDIA GSTIN: 20AAFCS1323N1ZM PAN No: AAFCS1323N CIN No: Contact Detail: shriram.power12345@evsolutions.com				Order No: DR23N04-001 Order Date: 04-11-2023 Party Ref No: CHARCOAL LUMPS Party Ref Dt: 03 NOV-2023				Serial No. Invoice: SD23Y-02096 Date of Invoice: 04-11-2023 E-Way Bill Number: E-Way Bill Date: Preparation Time: Removal Time:									
Details of Recipient (Billed to) PRINSHU CHOUHAN MUKRU, JARWA MUKRU, CHARHI - 829103, INDIA State Name: JHARKHAND State Code: 20 GSTIN: 20BKUPC9703R1ZM PAN No: BKUPC9703R Contact Detail:				Details of Consignee (Shipped to) PRINSHU CHOUHAN MUKRU, JARWA, MUKRU, CHARHI - 829103, INDIA State Name: JHARKHAND State Code: 20 GSTIN: 20BKUPC9703R1ZM PAN No: BKUPC9703R Contact Detail: Place of Supply: HAZARIBAGH				Transporter Details Name: SELF LR No: LR Date: Vehicle No: JH02AK2592 Mode: Wslip No: IS04N231139 From Place: NAYA MORE KUJU To Place: HAZARIBAGH									
IRN No: b7b0e851438cc478693a1bc32cc0e72aded14e217eb4e322cf04e3599baf6b1										IRN Dt: 04-11-2023							
Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS		
									Rate %	Amt	Rate %	Amt	Rate %	Amt	Rate %	Amt	
1	COAL CHAR LUMPS	761900	12.480	MT	100.00	1,248.00		1,248.000	9	112.32	9	112.32				0	0.00
Total:			12.480			1,248.00		1,248.00		112.32		112.32					0.00
Currency Code: INR Exchange Rate: 1										GST TAXABLE VALUE						1,248.00	
Amount of Tax subject to Reverse Charges (Y/N)										SGST						112.32	
										CGST						112.32	
										ROUND OFF						0.36	
Total Tax Value (In Word) Rs - Two Hundred Twenty Four And Paise Sixty Four Only.										Total GST Value (INR)						224.64	
Total Invoice Value (In Word) Rs - One Thousand Four Hundred Seventy Three Only.										Total Invoice Value (INR)						1,473.00	
Terms & Conditions					For SHRIRAM POWER & STEEL PVT. LTD.												
Approval Remark: OK					Authorized Signatory												
Page: 1 of 1																	

Shriram Power & Steel Private Limited

 Authorised Signatory



SHRIRAM POWER & STEEL PVT. LTD.



SALE INVOICE

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

TRIPPLICATE FOR SUPPLIER

Details of Supplier		Order No. : DR23D05-005	Serial No. Invoice : SD23Y-02547
Name : SHRIRAM POWER & STEEL PVT. LTD.		Order Date : 05-12-2023	Date of Invoice : 05-12-2023
Address : ARA SARUSERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH		Party Ref No. : CHARCOAL FINES	E-Way Bill Number :
State Name : JHARHAND State Code : 20 Country : INDIA		Party Ref Dt. : 05-DEC-2023	E-Way Bill Date :
GSTIN : 20AAFCS1323N1ZM			Preparation Time :
PAN No. : AAFCS1323N CIN No. :			Removal Time :
Contact Detail : E-mail : shrirampower12345@rediffmail.com			
Details of Recipient (Billed to)	Details of Consignee (Shipped to)	Transporter Details	
BINDAL TRADERS	BINDAL TRADERS	Name : SELF	
SHANKARPURA, LAKHERI, BUNDI, BUNDI - 323613, LAKHERI, INDIA	SHANKARPURA, LAKHERI, BUNDI, BUNDI - 323613, LAKHERI, INDIA	LR No. :	LR Date :
State Name : RAJASTHAN State Code : 8	State Name : RAJASTHAN State Code : 8	Vehicle No. : RJ28GA3041	Mode :
GSTIN : 08AQWPA8787G1Z2	GSTIN : 08AQWPA8787G1Z2	Wslip No. : 1S05D231514	
PAN No. : AQWPAS7S7G	PAN No. : AQWPAS7S7G	From Place : NAYA MORE KUJU	
Contact Detail :	Contact Detail :	To Place : RAJASTHAN	
Place of Supply : RAJASTHAN			

IRN No. : S370b2399c5f33d73d446f620d056bee7991a0408fd8a98585dcb8f130cc4db IRN Dt. : 05-12-2023

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	AmL	Rate %	AmL	Rate %	AmL	Rate %	AmL
1	DOLOCHAS FINES	261900	29.640	MT	100.00	2,964.00		2,964.00					18	533.52	0	0.00
Total :			29.640			2,964.00		2,964.00						533.52		0.00

Currency Code : INR Exchange Rate : 1	Freight Basis : EX-FACTORY	GST TAXABLE VALUE	2,964.00
Amount of Tax subject to Reverse Charges (Y / N)		IGST	533.52
		ROUND OFF	0.48
Total Tax Value (In Word)	Rs - Five Hundred Thirty Three And Paise Fifty Two Only.	Total GST Value (INR)	533.52
Total Invoice Value (In Word)	Rs - Three Thousand Four Hundred Ninety Eight Only.	Total Invoice Value (INR)	3,498.00

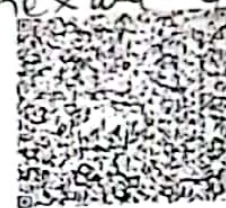
Terms & Conditions	For SHRIRAM POWER & STEEL PVT. LTD.
Page: 1 of 1	Authorized Signatory

Shriram Power & Steel Private Limited

 Authorized Signatory

SHRIRAM POWER & STEEL PVT. LTD.

Annexure - U Series



SALE INVOICE

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

TRIPLICATE FOR SUPPLIER

Details of Supplier

Name: SHRIRAM POWER & STEEL PVT. LTD.
Address: ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH
State Name: JHARKHAND **State Code:** 20 **Country:** INDIA
GSTIN: 20AAFCS1323N1ZM
PAN No.: AAFCS1323N **CIN No.:**

Order No.: DR23104-010
Order Date: 04-01-2024
Party Ref No.: OLD CHARCOAL MIX
Party Ref Dt.: 04-JAN-2024

Serial No. Invoice: SD23Y-02885
Date of Invoice: 05-01-2024
E-Way Bill Number:
E-Way Bill Date:
Preparation Time:
Removal Time:

Details of Recipient (Billed to)

OM NARAYAN ENTERPRISES
 0 MAHESWARA DARU, KAIWALU, DARU - 825313, HAZARIBAG, INDIA
State Name: JHARKHAND **State Code:** 20
GSTIN: 20ACTPY2399B1ZA
PAN No.: ACTPY2399B
Contact Detail:

Details of Consignee (Shipped to)

PRAYAN CONSTRUCTION
 4-KM-23, X, OBRA COLONY, OBRA, PANARI, SONBHADRA - 231219, INDIA
State Name: UTTAR PRADESH **State Code:** 9
GSTIN: 09CKNPP1958B1ZV
PAN No.: CKNPP1958B
Contact Detail:

Transporter Details

Name: SELF **LR Date:**
LR No.: **Mode:**
Vehicle No.: JH02BM2998
Wslip No.: 15051241421
From Place: NAYA MORE KUJU
To Place: Uttar Pradesh

Place of Supply: Uttar Pradesh

IRN No. 34d936478afb14c34bd5abbbeebe874fe91fc15a1055602c6f88740030ca2da42

IRN Dt. 05-01-2024

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.
1	DOLOCHAR LUMPS	261900	32.760	MT	100.00	3,276.00		3,276.000	9	294.84	9	294.84			0	0.00
Total:			32.760			3,276.00		3,276.00		294.84		294.84				0.00

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

Freight Basis : EX-FACTORY

GST TAXABLE VALUE	3,276.00
SGST	294.84
CGST	294.84
ROUND OFF	0.11
Total GST Value (INR)	589.68
Total Invoice Value (INR)	3,866.00

Total Tax Value (In Word) Rs - Five Hundred Eighty Nine And Paise Sixty Eight Only.
Total Invoice Value (In Word) Rs - Three Thousand Eight Hundred Sixty Six Only.

Terms & Conditions

Approval Remark : ok

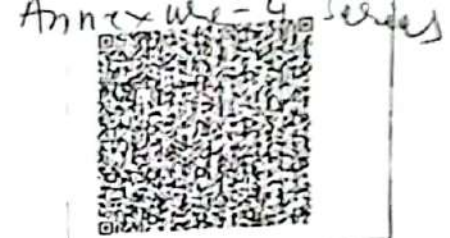
For SHRIRAM POWER & STEEL PVT. LTD.

Authorised Signatory

Shriram Power & Steel Private Limited

Authorised Signatory

SHRIRAM POWER & STEEL PVT. LTD.



SALE INVOICE

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

TRIPPLICATE FOR SUPPLIER

Details of Supplier

Name: **SHRIRAM POWER & STEEL PVT. LTD.**
 Address: **ACA SARUSERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH**
 State Name: **JHARKHAND** State Code: **20** Country: **INDIA**
 GSTIN: **20AAFCS1323N1ZM**
 PAN No.: **AAFCS1323N** CIN No.:

Order No.: **DR23206-010**
 Order Date: **06-02-2024**
 Party Ref No.: **OLD CHARCOAL MIX**
 Party Ref Dt.: **03-FEB-2024**

Serial No. Invoice: **SD23Y-03231**
 Date of Invoice: **06-02-2024**
 E-Way Bill Number:
 E-Way Bill Date:
 Preparation Time:
 Removal Time:

Details of Recipient (Billed to)

OM NARAYAN ENTERPRISES
 J. MAHESWARA DARU, KAWALI, DARU - 825313, HAZARIBAG, INDIA
 State Name: **JHARKHAND** State Code: **20**
 GSTIN: **20ACTPY2399B1ZA**
 PAN No.: **ACTPY2399B**

Details of Consignee (Shipped to)

PRAYAN CONSTRUCTION
 4-KM-23, X, OBRA COLONY, OBRA, PANARI, SONBHADRA - 231219, INDIA
 State Name: **UTTAR PRADESH** State Code: **9**
 GSTIN: **09CKNPP1958B1ZV**
 PAN No.: **CKNPP1958B**

Transporter Details

Name: **SELF** LR Date:
 LR No.: Mode:
 Vehicle No.: **JH02AJ9568**
 Wslip No.: **15062241500**
 From Place: **NAYA MORE KUJU**
 To Place: **Uttar Pradesh**

Place of Supply: Uttar Pradesh

IRN Dt.: **06-02-2024**

IRN No.: **aS7SdScc37ad0099e75fbd8450b632b399e409f6509787e56968cbcfcb520081**

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt	Rate %	Amt	Rate %	Amt	Rate %	Amt
1	COAL CHAR LUMPS	261900	35.340	MT	100.00	3,534.00		3,534.00	9	318.06	9	318.06			0	0.00
Total:						3,534.00		3,534.00		318.06		318.06				

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

Freight Basis: EX-FACTORY

GST TAXABLE VALUE: **3,534.00**
 SGST: **318.06**
 CGST: **318.06**

Total Tax Value (In Word) **Rs - Six Hundred Thirty Six And Paise Twelve Only.**
 Total Invoice Value (In Word) **Rs - Four Thousand One Hundred Seventy Only.**

Total GST Value (INR) **636.12**
 Total Invoice Value (INR) **4,170.00**

Terms & Conditions

For SHRIRAM POWER & STEEL PVT. LTD.

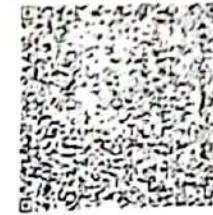
Authorised Signatory

Shriram Power & Steel Private Limited

Authorised Signatory

SHRIRAM POWER & STEEL PVT. LTD.

Annexure - 4 Series



SALE INVOICE

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

TRIPPLICATE FOR SUPPLIER

Details of Supplier

SHRIRAM POWER & STEEL PVT. LTD.
 Address: 43A SARUBEDA ROAD NAYA MORE KUJU, RAMGARH - 625316, RAMGARH
 State Name: JHARKHAND State Code: 20 Country: INDIA
 GSTIN: 20AAFCS1323N1ZM
 PAN No: AAFCS1323N CIN No.:
 Contact Data: 571 4772200/12345@gmail.com

Order No: DR23304-016
 Order Date: 04-03-2024
 Party Ref No: CHARCOAL FINES
 Party Ref Dt: 29-FEB-2024

Serial No Invoice: SD23Y-03656
 Date of Invoice: 05-03-2024
 E-Way Bill Number:
 E-Way Bill Date:
 Preparation Time:
 Removal Time:

Details of Recipient (Billed to)

OM HANUMAN ENTERPRISES
 WARD NO 2 GF 40 NEAR GOLA ROAD, NIRMALA PRASAD
 GUPTA RAMGARH - 829122, RAMGARH, INDIA
 State Name: JHARKHAND State Code: 20
 GSTIN: 20ECFPS6011G1ZZ
 PAN No: ECFPS6011G
 Contact Data:

Details of Consignee (Shipped to)

RISHAB ENTERPRISES
 WARD NO 6 SHANKAR PURA LAKHERI, LAKHERI - 323603, LAKHERI, INDIA
 State Name: RAJASTHAN State Code: 8
 GSTIN: 08FSPPS2151N1ZX
 PAN No: FSPPS2151N
 Contact Detail:
 Place of Supply: RAJASTHAN

Transporter Details

Name: SELF LR Date:
 LR No.: Mode:
 Vehicle No.: RJ04GC8904
 Wslip No.: 15053240901
 From Place: NAYA MORE KUJU
 To Place: RAJASTHAN

IRN No: cb6f027678c6e502f09b0a66557e96d19396375d3d2f4525412639b4626db87d

IRN Dt: 05-03-2024

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.
1	DOLOCHAR FINES	261900	30.100	MT	100.00	3,010.00		3,010.000	9	270.90	9	270.90			0	0.00
Total:								3,010.00		270.90		270.90				0.00

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

Freight Basis: EX-FACTORY

GST TAXABLE VALUE: 3,010.00
 SGST: 270.90
 CGST: 270.90
 ROUND OFF: 0.00

Total Tax Value (In Word): Rs - Five Hundred Forty One And Paise Eighty Only.
 Total Invoice Value (In Word): Rs - Three Thousand Five Hundred Fifty Two Only.

Total GST Value (INR): 541.80
 Total Invoice Value (INR): 3,552.00

Terms & Conditions

For SHRIRAM POWER & STEEL PVT. LTD.

Page: 1 of 1

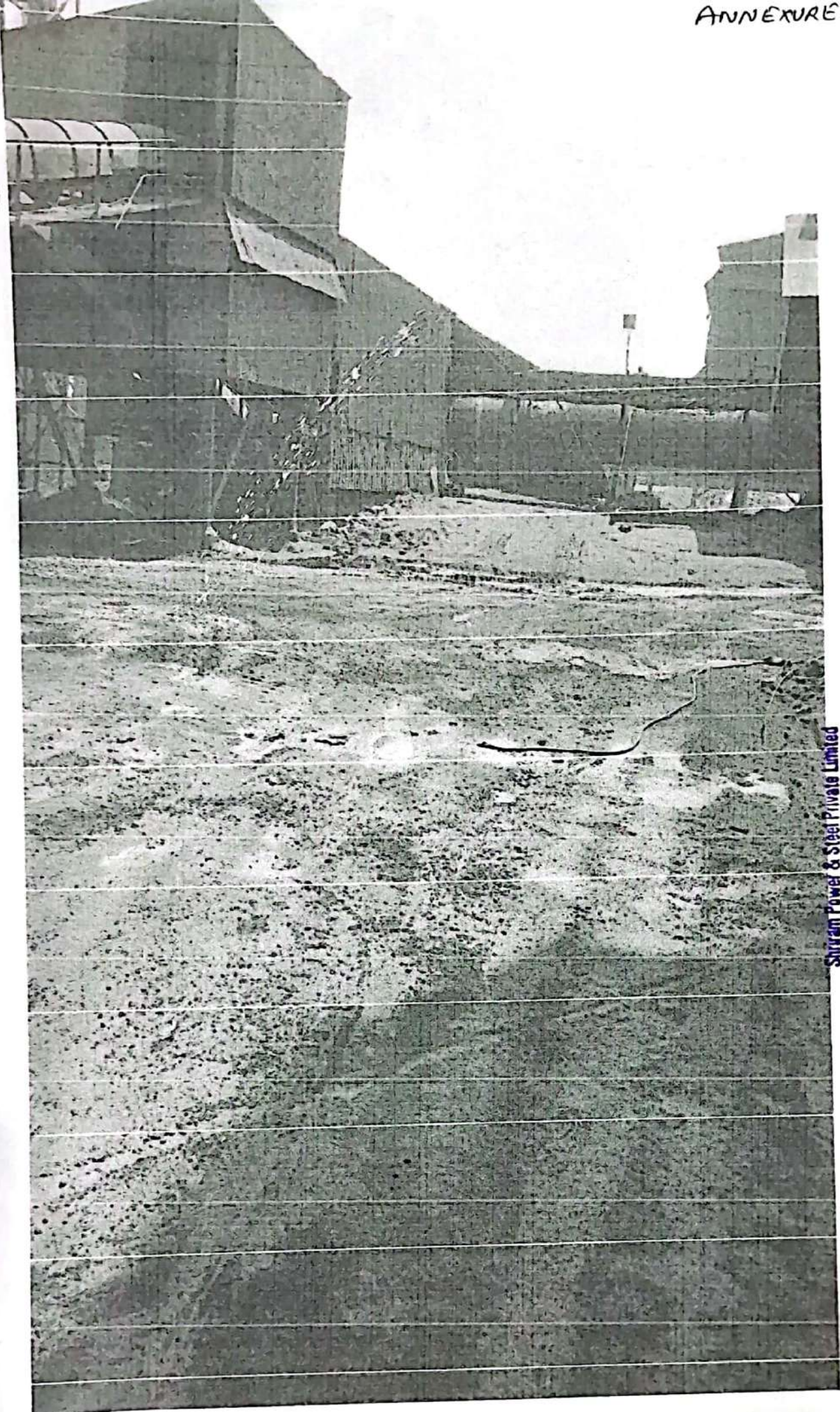
Authorized Signatory

Shriram Power & Steel Private Limited

Authorized Signatory

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Shriram Power & Steel Private Limited

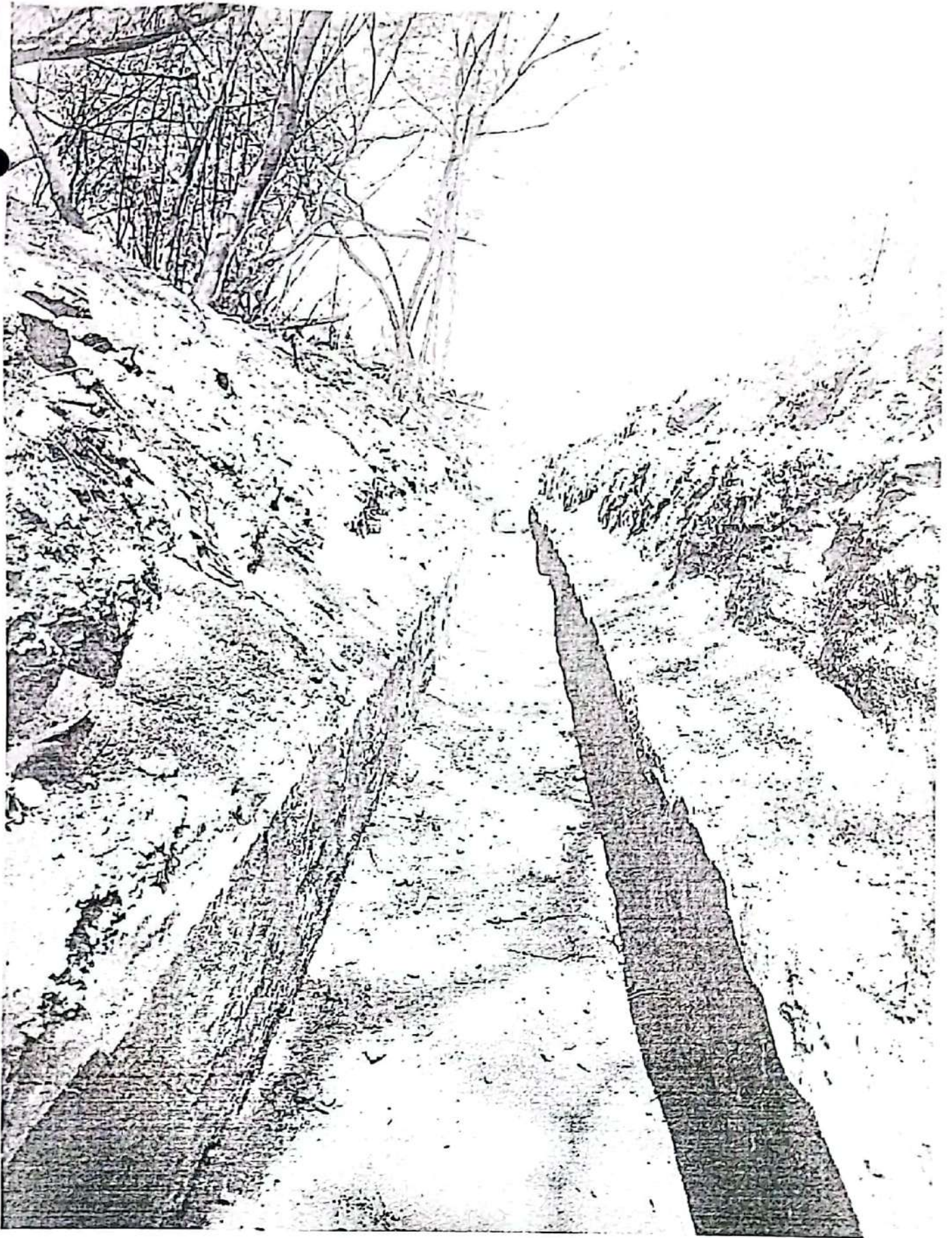

Authorised Signatory

Annexure-5 Seelaj



Shrihari Power & Steel Private Limited

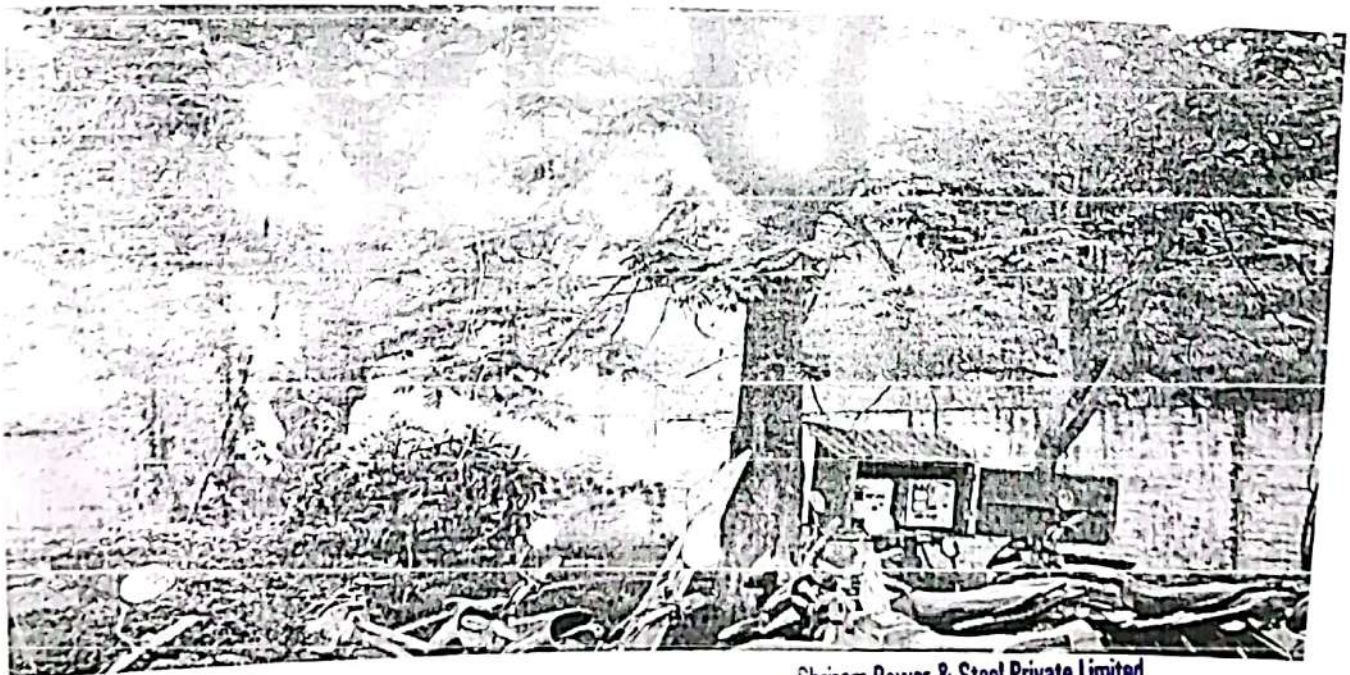
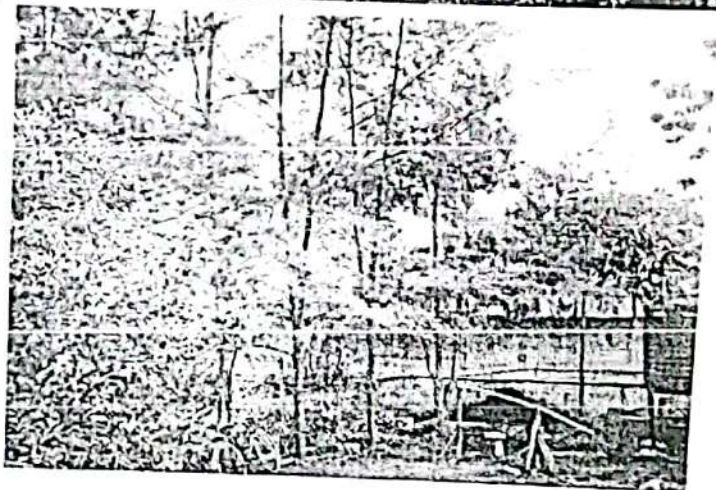
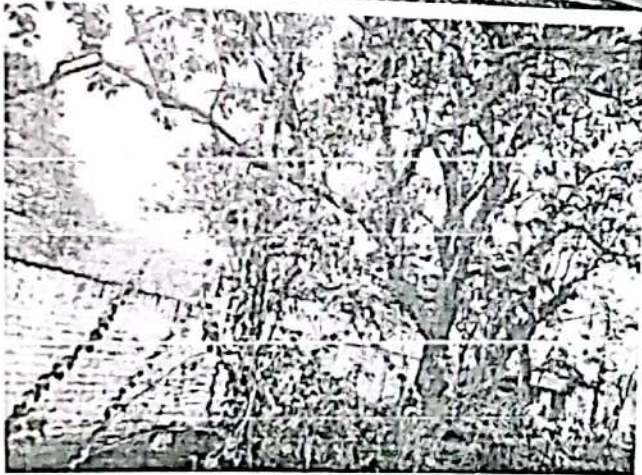
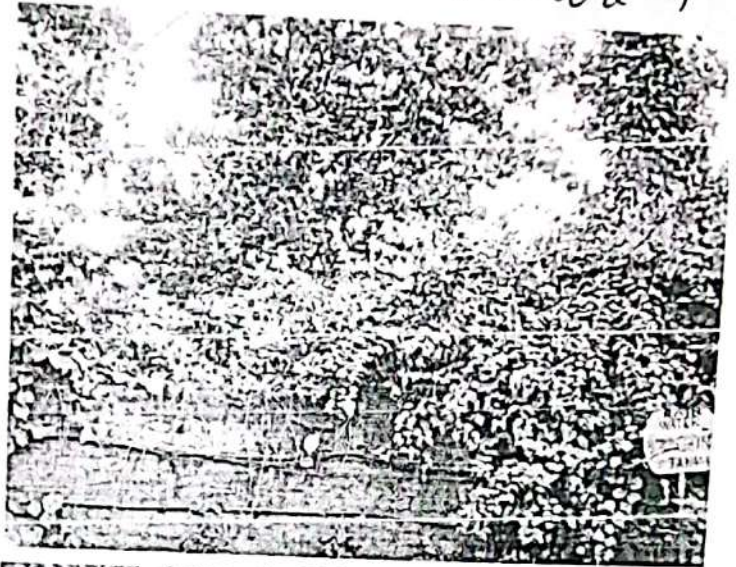
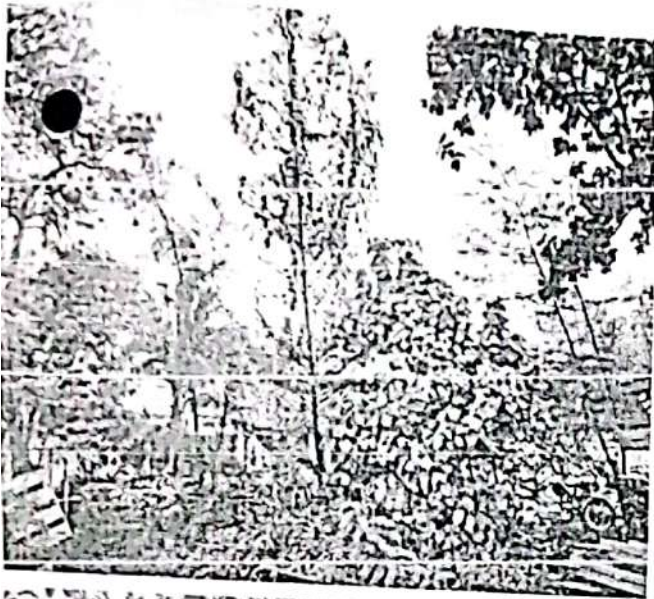
Authorized Signatory



Shriram Power & Steel Private Limited


Authorised Signatory

Annexure 7



Shriram Power & Steel Private Limited


Authorised Signatory



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-11413068/2022/5

Dated : 2022-01-01

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.- 11413068 / dated : 08/12/2021 of Shriram Power & Steel Pvt. Ltd., Vikash Santhalia 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 Environment Clearance vide Ref. No.
 - (i) J-11011/260/2009-I(A)II(I) dated 30.09.2010, MoEF, New Delhi;
 - (ii) J-11011/260/2009-IA.II(I) dated 10.08.2021, MoEF, New Delhi.
- (b) The Content of Consent to Establish (CTE), Ref. No. N-76 dated 28.08.2010, JSPCB, Ranchi for the production of Sponge Iron - 90,000TPA; CPP-08MW; Steel Melt Shop - 60,000TPA.
- (c) The Content of Consent to Operate (CTO) vide Ref No. JSPCB/HO/RNC/CTO - 4471655/2019/1191 dated 24.06.2019 valid upto 31.03.2022 for the production of Sponge Iron - 2X100TPD.
- (d) The content of Inspection Report (I/R) vide Ref No. 849 dated 23.08.2021 of Regional Office-Cum-Laboratory, JSPC Board, Hazaribagh.
- (e) The content of self declaration regarding procurement of raw materials from valid sources.

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- Kuju, P S -Kuju, District-RAMGARH as follows:

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

In Expansion	2008, 2010, 2011, 2012, 2024/2873, 2024/2874, 2024/2875, 2024, 2201, 2024/2876, 2201/2877, 2201/2876, khata No-7, 88, 28, 1/193 (As per Land document)	4.96 Ha. (As per EC)	10375 Lacs	(i) MS Billets- 72000 TPA, (ii) AFBC- 6.0 MW, (iii) Sponge Iron- 30,000.0 TPA and, (iv) WHRB- 3x2 MW(As per application)	As per EC
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(A) Specific Conditions:

1. That, the occupier shall operate and maintain the fume extraction system with bag filters at the plant site.
2. That, the proponent shall do regular cleaning and wetting of the ground within the premises.
3. That, the occupier shall do transporting within the covered vehicles.
4. That, the occupier shall keep the waste water in close circuit and maintain zero liquid discharge.
5. That, the occupier shall utilize solid waste entirely as per Solid Waste Management Rules' 2016.
6. That, the occupier shall maintain proper housekeeping within the premises.
7. That, the occupier shall comply the recommendations made in charter for Corporate Responsibility for Environment Protection.
8. . That, the unit shall ensure regular transmission of online data of all the parameters including So2 parameter to the server of the Board.
9. That, the occupier shall operate and maintain atleast four ambient air quality monitoring station in the downward direction as well as where maximum ground level concentration of PM 10, SO2 and NOx are anticipated in consultation with the Board.
10. That, the occupier shall maintain pucca road within the premises.
11. . That, the proponent shall maintain the fugitive emission within the prescribed limit.
12. That, the proponent shall operate and maintain dry fog system at feeding and transfer points in iron ore

beneficiation plant.

13. That, the occupier shall operate and maintain the ESP, dust catcher and bag filters to keep the emission levels within the prescribed limit.

14. That, the occupier shall ensure hot gases to be passed through Dust Settling chamber and thereafter after burning chamber.

15. That, the occupier shall maintain on line stack emission monitoring system and shall ensure connectivity for transmission of data to CPCB & JSPCB server regularly;

16. That, the occupier shall obtain NOC from CGWA/SGWD for withdrawal of water from the ground water source.

17. That, the occupier shall develop greenery in an area equal to 33 % of the plant area and shall maintain the same.

18. That, the occupier shall submit environmental statement to the Board every year.

19. That, the occupier shall submit compliance of CTO and EC conditions to the Board every year before 120 days of the expiry date of this CTO alongwith the recent analysis reports successively.

20. That, the occupier shall submit compliance of this CTE conditions at the time of application made for CTO along with the compliance of EC conditions.

21. That, the occupier shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.

22. That, the occupier shall ensure continuous and uninterrupted power supply with provisions of separate energy meters for the pollution control systems to enable the pollution control systems to function uninterruptedly.

23. That, the occupier shall obtain authorization under Hazardous Waste Management Rules, 2016

24. That, the occupier shall commence the expansion project activity only after obtaining NOC from competent authority for 1241 KLD water abstraction from river Bokaro.

(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: 2022.01.01
21:31:54 +05'30'

[Y. K. Das]
Member Secretary

Memo No. : JSPCB/HO/RNC/CTE-11413068/2022/5

Dated : 2022-01-01

Copy to : M/s Shriram Power & Steel Pvt. Ltd., Ara Sarubera Road, Naya More, Kuju, Ramgarh, (Jharkhand)-/ Director of Industries, Government of Jharkhand, Ranchi/ Deputy Commissioner, Ramgarh/ Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of Factories, Ranchi/ DFO, Ramgarh,/ DMO, Ramgarh,/ R O, JSPCB, Hazaribagh for information & ensuring compliance of the above.

Yatindra
Kumar
Das

Digitally signed
by Yatindra
Kumar Das
Date: 2022.01.01
21:31:29 +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-15273543/2023/812

Dated : 2023-05-05

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 2023-01-10 of Shriram Power & Steel Pvt. Ltd., Occupier Name : Vikash Santhalia 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 Environment Clearance vide Ref. No.
 - (i) J-11011/260/2009-I(A)II(I) dated 30.09.2010, MoEF, New Delhi;
 - (ii) J-11011/260/2009-IA.II(I) dated 10.08.2021, MoEF, New Delhi.
 - (b) The Content of Consent to Establish (CTE) vide
 - (i) ref. no. N-76 dated 28.08.2010, JSPCB, Ranchi for the production of Sponge Iron - 90,000TPA; CPP08MW; Steel Melt Shop - 60,000TPA;
 - (ii) ref. no. JSPCB/HO/RNC/CTE-11413068/2022/5, dated 01.01.2022 for the production of (i) MS Billets- 72000 TPA, (ii) AFBC- 6.0 MW , (iii) Sponge Iron- 30,000.0 TPA and, (iv) WHRB- 3x2 MW.
 - (c) The Content of Consent to Operate (CTO) vide Ref No. JSPCB/HO/RNC/CTO-12187146/2022/313 dated 21.03.2022 valid upto 31.03.2023 for the production of Sponge Iron - 2X100 TPD~ 60,000 TPA [Existing]; Sponge Iron- 1X100 TPD~ 30,000 TPA, MS Billets- 72,000 TPA.
 - (d) The content of Inspection Report (I/R) vide Ref No. 35 dated 20.01.2023 of Regional Office-Cum-Laboratory, JSPC Board, Hazaribagh.
 - (e) The content of self declaration regarding procurement of raw materials from valid sources.
 - (f) The content of purchase order regarding installation of AFBC and WHRB boilers.
 - (g) The content of Bank Guarantee vide no. 04041LG00318 and 04041LG000717 of RS 10 Lacs each (total Rs. 20 lacs) valid for the period up to 31.03.2024.
 - (h) The content of office order issued by JSPCB vide office order no. B-17, dated 31.03.2023 and memo no. B-654, dated 31.03.2023.

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 -Kuju , P S -Kuju , District -RAMGARH , as follows:

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

Expansion	2008, 2010, 2011, 2012, 2024/2873, 2024/2874, 2024/2875, 2024, 2201, 2024/2876, 2201/2877, 2201/2876, khata No-7, 88, 28, 1/193	4.96 Ha	10375 Lacs	Sponge Iron - 2X100 TPD~ 60,000 TPA [Existing]; Sponge Iron- 1X100 TPD~ 30,000 TPA, MS Billets- 72,000 TPA	31/03/2025
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(A) Specific Conditions:

1. That, the occupier shall comply fugitive emission standards of 2000 g/m³ at a distance of 10 metre from raw material crusher and product handling areas etc.
2. 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.
3. 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.
4. 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.
5. 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.
6. 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.
7. That, the occupier shall provide shed for keeping Iron Ore properly and ensure Crushing and screening operation in shaded enclosed area.
8. 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.

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, 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.

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 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.

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

15. That, the occupier shall maintain zero trade effluent discharge.

16. That, the occupier shall operate and maintain Closed Circuit Television (CCTV) camera for monitoring of operational status of APCDs.

17. That, the occupier shall construct garland drain, toe wall and settling tanks for storage of solid wastes and raw materials separately and de-siltation of settling tanks.

18. That, the occupier shall operate and maintain the fume extraction system with bag filters at the plant site.

19. That, the occupier shall dispose the solid waste as per prescribed provision.

20. That, the proponent shall operate and maintain dry fog system at feeding and transfer points in iron ore beneficiation plant.

That, the occupier shall operate and maintain the ESP, dust catcher and bag filters to keep the emission levels within the prescribed limit.

22. That, the occupier shall ensure hot gases to be passed through Dust Settling chamber and thereafter after burning chamber.

23. That, the occupier shall maintain on line stack emission monitoring system and shall ensure connectivity for transmission of data to CPCB & JSPCB server regularly.

24. That, the occupier shall obtain NOC from CGWA/SGWD for withdrawal of water from the ground water source.

25. That, the occupier shall submit compliance of CTO and EC conditions to the Board on six monthly basis alongwith the recent analysis reports successively.

26. That, the occupier shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.

27. That, the occupier shall ensure continuous and uninterrupted power supply with provisions of separate energy meters for the pollution control systems to enable the pollution control systems to function uninterruptedly.

28. That, the occupier shall obtain authorization under Hazardous Waste Management Rules, 2016.

29. That, the occupier shall complete the installation process and start operating the AFBC/CFBC boiler by 31.03.2024 and shall submit the report of the same by the end of 1st week of April' 2024.

30. That, the occupier shall submit applications for renewal of consent under section 25 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 documents showing compliance of all of the above conditions.

31. That, the occupier shall revalidate the Bank Guarantee vide no. 04041LG00318 and 04041LG000717 of Rs 10 Lacs each (total Rs. 20 lacs, valid for the period up to 31.03.2024) for period upto 31/03/2025 and submit it to the Board by 30.04.2023 failing which CTO may be revoked, environmental compensation may be levied and Bank Guarantee may be forfeited.

32. That, this CTO is subject to any further order/notification/circular/correspondence issued by Board

(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

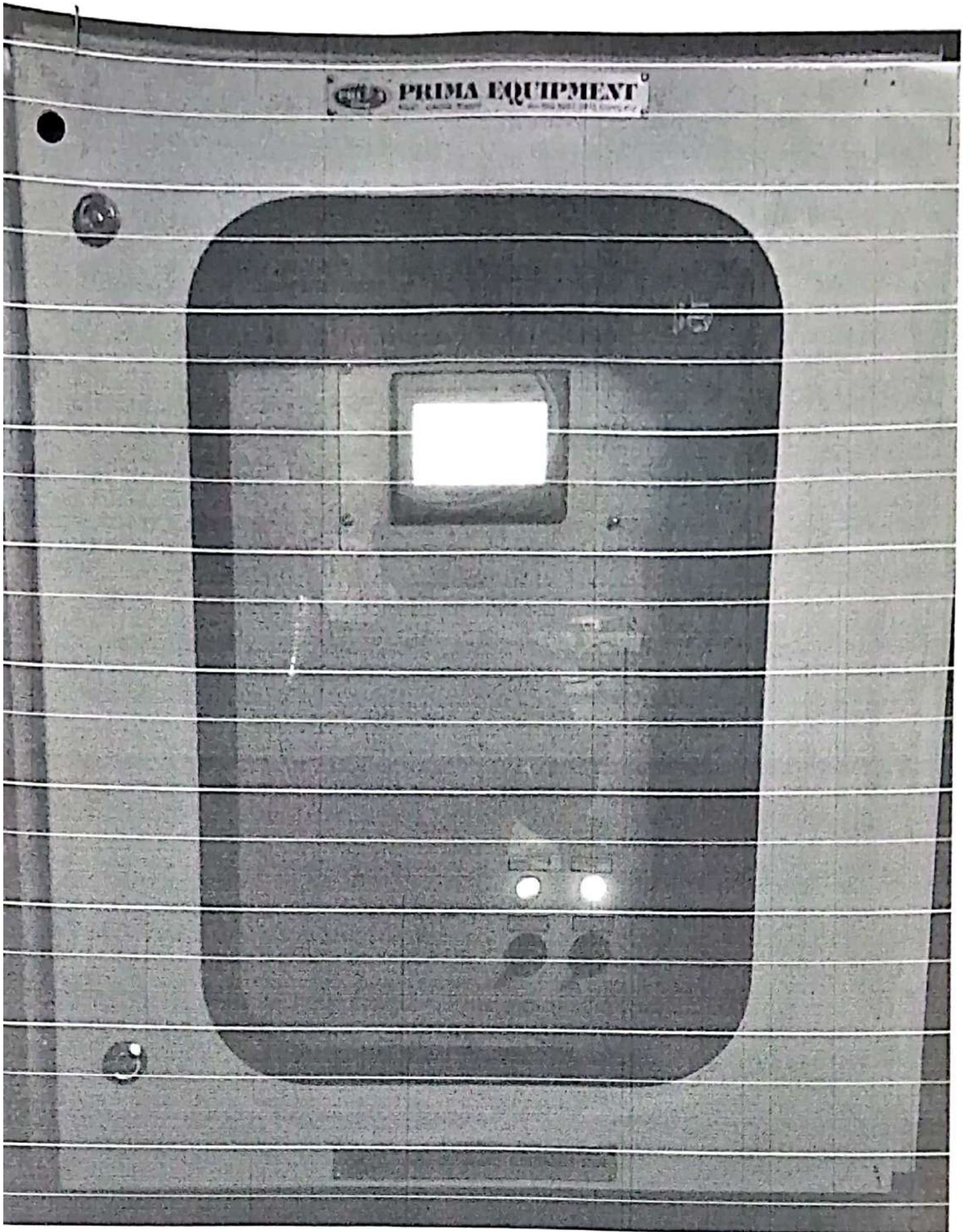
Yatindra Kumar Das
Digitally signed by Yatindra Kumar Das
Date: 2023.05.05 14:17:46 +05'30'
[Y.K.Das]
Member Secretary

Memo No. : JSPCB/HO/RNC/CTO-
15273543/2023/812

Dated : 2023-05-05

Copy to: M/s Shriram Power & Steel Pvt. Ltd., Ara Sarubera Road, Naya More, Kuru, Ramgarh, (Jharkhand)-/ Director of Industries, Government of Jharkhand, Ranchi/ Deputy Commissioner, Ramgarh/ Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of Factories, Ranchi/ DFO, Ramgarh./ DMO, Ramgarh./ R O, JSPCB, Hazaribagh for information & ensuring compliance of the above.

Yatindra Kumar Das
Digitally signed by Yatindra Kumar Das
Date: 2023.05.05 14:18:02 +05'30'
[Y.K.Das]
Member Secretary

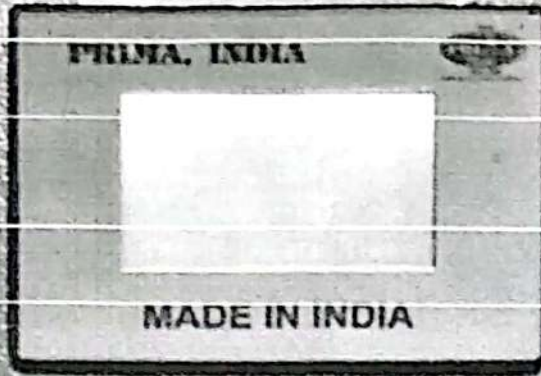


Shriram Power & Steel Private Limited


Authorized Signatory

PRIMA **EQUIPMENT**
 NSIC - CRISIL Rated An ISO 9001 : 2008 Company

CONTROLLER / MONITOR DISPLAY



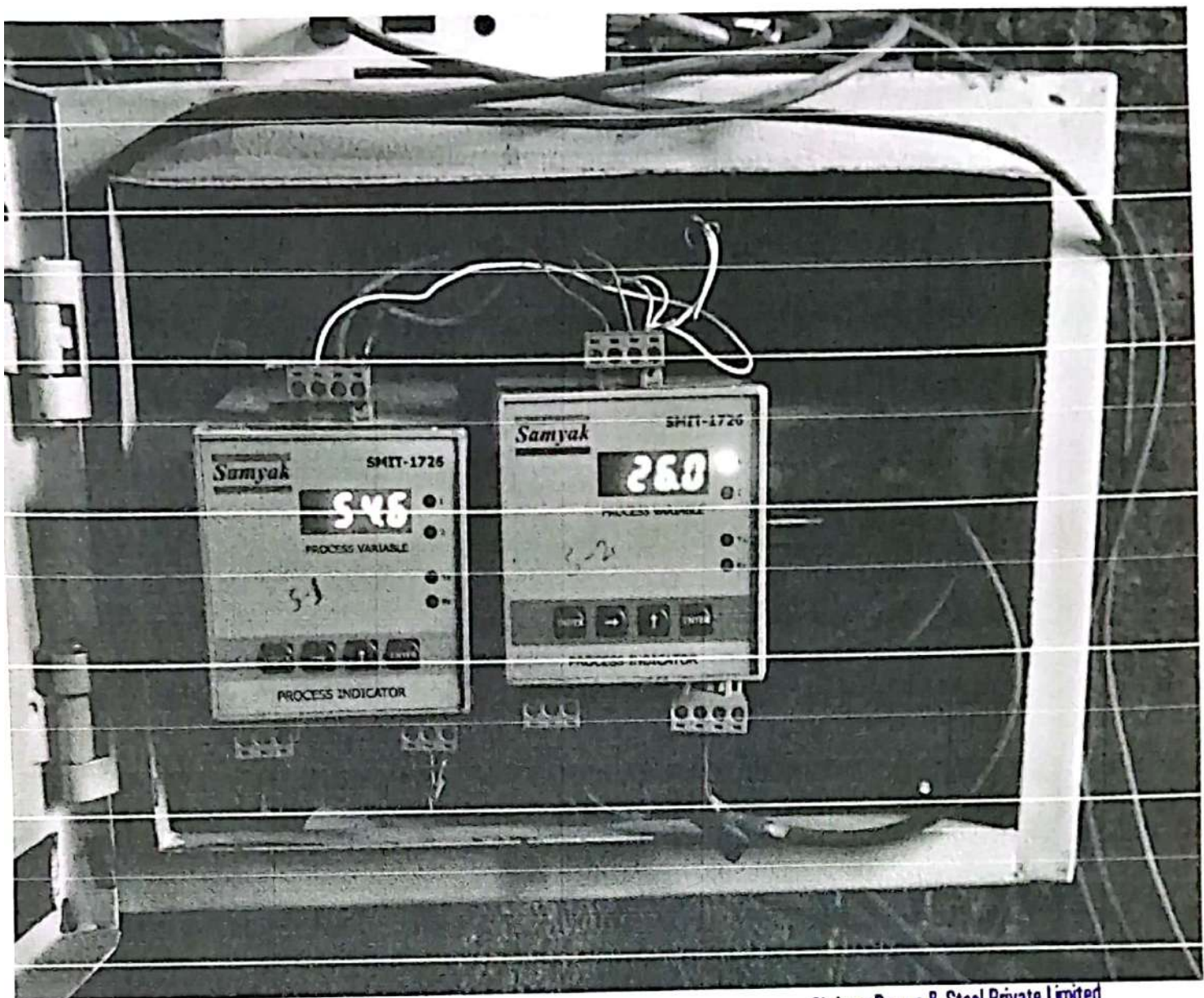
Shriram Power & Steel Private Limited

[Handwritten Signature]
 Authorised Signatory



Shriram Power & Steel Private Limited

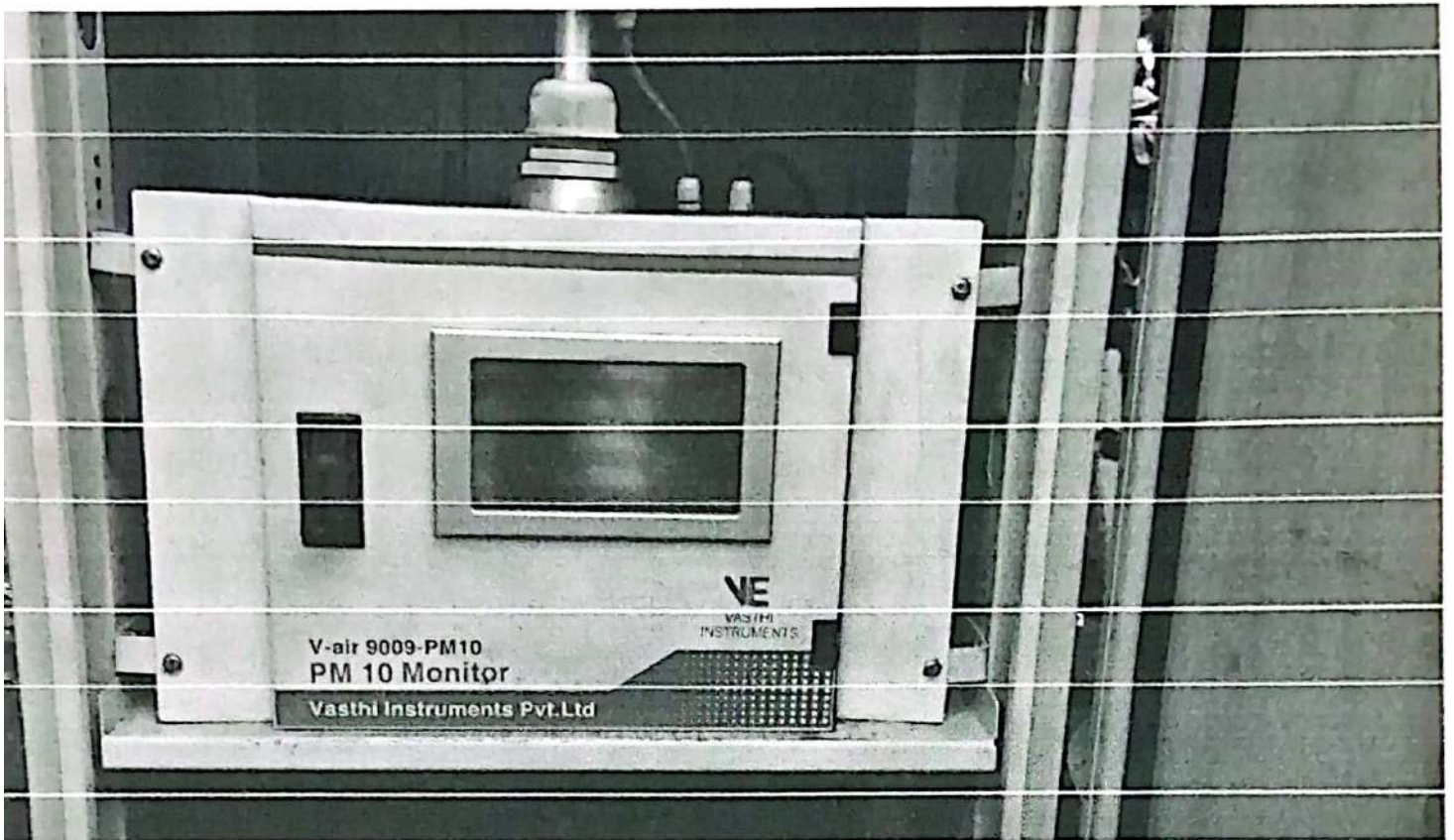

Authorised Signatory



Shriram Power & Steel Private Limited


Authorised Signatory

Annexure-10
series



Shriram Power & Steel Private Limited


Authorised 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

TEST REPORT NO.: ETS/1020/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 08.02.2024 To 09.02.2024
 Time Of Monitoring : 10.40 AM To 10.40 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1020
 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	95.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	54.7	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	18.1	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	42.4	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	16.0	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
MD SUMRAJ
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/1020/02/2024

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	0.77	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 AJ

Quality Manager

Format No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2020

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/1021/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 08.02.2024 To 09.02.2024
 Time Of Monitoring : 10.12 AM To 10.12 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1021
 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	91.7	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	48.4	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	16.8	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	45.1	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	17.0	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

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TEST REPORT

TEST REPORT NO.: ETS/1021/02/2024

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	0.81	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

For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
MIDHUMRAJ

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

TEST REPORT

DATE OF REPORT: 15.02.2024

TEST REPORT NO.: ETS/1022/02/2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024
Analysis Start Date : 12.02.2024
Analysis End Date : 15.02.2024
Duration Of Monitoring : 09.02.2024 To 10.02.2024
Time Of Monitoring : 11.20 AM To 11.20 AM (CO & O₃ for 1.0 Hrs.)
Sample ID No : 1022
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	97.8	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	56.2	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	14.1	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	43.0	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	15.0	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
PUJNIMA SINGH

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY 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/1022/02/2024

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	1.10	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*****



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY RAJ
Quality Manager

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TEST REPORT

TEST REPORT NO.: ETS/1023/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024

Analysis Start Date : 12.02.2024

Analysis End Date : 15.02.2024

Duration Of Monitoring : 09.02.2024 To 10.02.2024

Time Of Monitoring : 10.50 AM To 10.50 AM (CO & O₃ for 1.0 Hrs.)

Sample ID No : 1023

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	98.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	54.1	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	15.6	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	38.3	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	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)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
MD HUMRAJ
Quality Manager

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ETS-LAB

TEST REPORT

TEST REPORT NO.: ETS/1023/02/2024

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	1.20	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*****



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY RAJ

Quality Manager

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ENVIRO-TECH SERVICES

An Analytical Laboratory



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TEST REPORT

TEST REPORT NO: ETS/1024/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 08.02.2024 To 09.02.2024
 Time Of Monitoring : 10:12 AM To 10:12 AM
 Sample ID No : 1024
 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	437.0	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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ISO 45001

ETS-LAB

TEST REPORT

TEST REPORT NO : ETS/1025/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
Analysis Start Date : 12.02.2024
Analysis End Date : 15.02.2024
Duration Of Monitoring : 08.02.2024 To 09.02.2024
Time Of Monitoring : 10:10 AM To 10:10 AM
Sample ID No : 1025
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	480.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY RAJ
Quality Manager

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ENVIRO-TECH SERVICES

An Analytical Laboratory



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TEST REPORT

TEST REPORT NO : ETS/1026/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 09.02.2024 To 10.02.2024
 Time Of Monitoring : 10:16 AM To 10:16 AM
 Sample ID No : 1026
 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	493.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY

Quality Manager

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TEST REPORT

TEST REPORT NO : ETS/1027/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 09.02.2024 To 10.02.2024
 Time Of Monitoring : 10:50 AM To 10:50 AM
 Sample ID No : 1027
 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	487.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
SIGNATURE
Quality Manager

Formal No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2020

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email : etslab2012@gmail.com | Website www.etslab.in | Ph 9011516076, 9811736003

TEST REPORT

TEST REPORT NO: ETS/1027/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
 ARA SARUBERA ROAD, NAYAMORE, P O KUJU, DIST RAMGARH,
 JHARKHAND 829122

Date of Monitoring : 09.02.2024
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 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 09.02.2024 To 10.02.2024
 Time Of Monitoring : 10.50 AM To 10.50 AM
 Sample ID No : 1027
 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	487.0	For 24 Hrs.=600	IS: 5182 (Part-4)

CHECKED BY
 PURNIMA SINGH

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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SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
POST- RAMGARH- 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE-www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST.-RAMGARH, 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

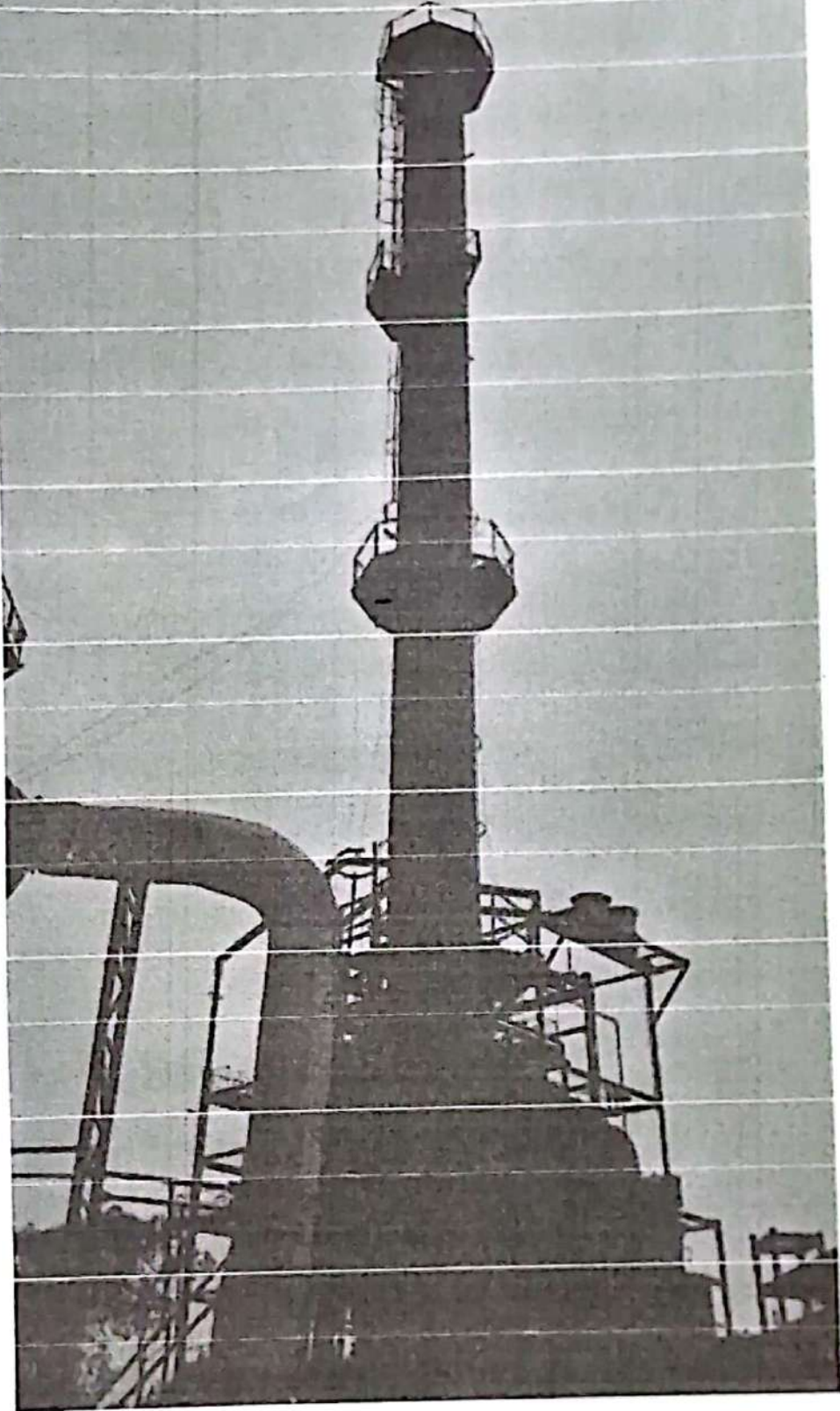
LIST OF POLLUTION CONTROL EQUIPMENTS

SL NO	DESCRIPTION	CAPACITY	MOTOR (K.W.)	MOTOR (R.P.M.)	QTY
1	E.S.P - KILN - 1	700000 M ³ /HOUR	75	1000	1
2	E.S.P - KILN - 2	700000 M ³ /HOUR	75	1000	1
3.	E.S.P - KILN - 3	700000 M ³ /HOUR	75	1000	1
4	NEW PRODUCT HOUSE BAG FILTER	66000 M ³ /HOUR	132	1450	1
5	OLD PRODUCT HOUSE BAG FILTER	8000 M ³ /HOUR	18.5	1450	1
6	C.D. JUNCTION BAG FILTER	8000 M ³ /HOUR	22	1450	1
7	INTERMEDIATE BIN BAG FILTER	8000 M ³ /HOUR	15	1450	1
8	R.M.P COAL BAG FILTER	8000 M ³ /HOUR	18.5	1450	1
9	FUME EXTRACTOR SYSTEM	125000 M ³ /HOUR	132	1440	1

Shriram Power & Steel Private Limited


Authorised Signatory

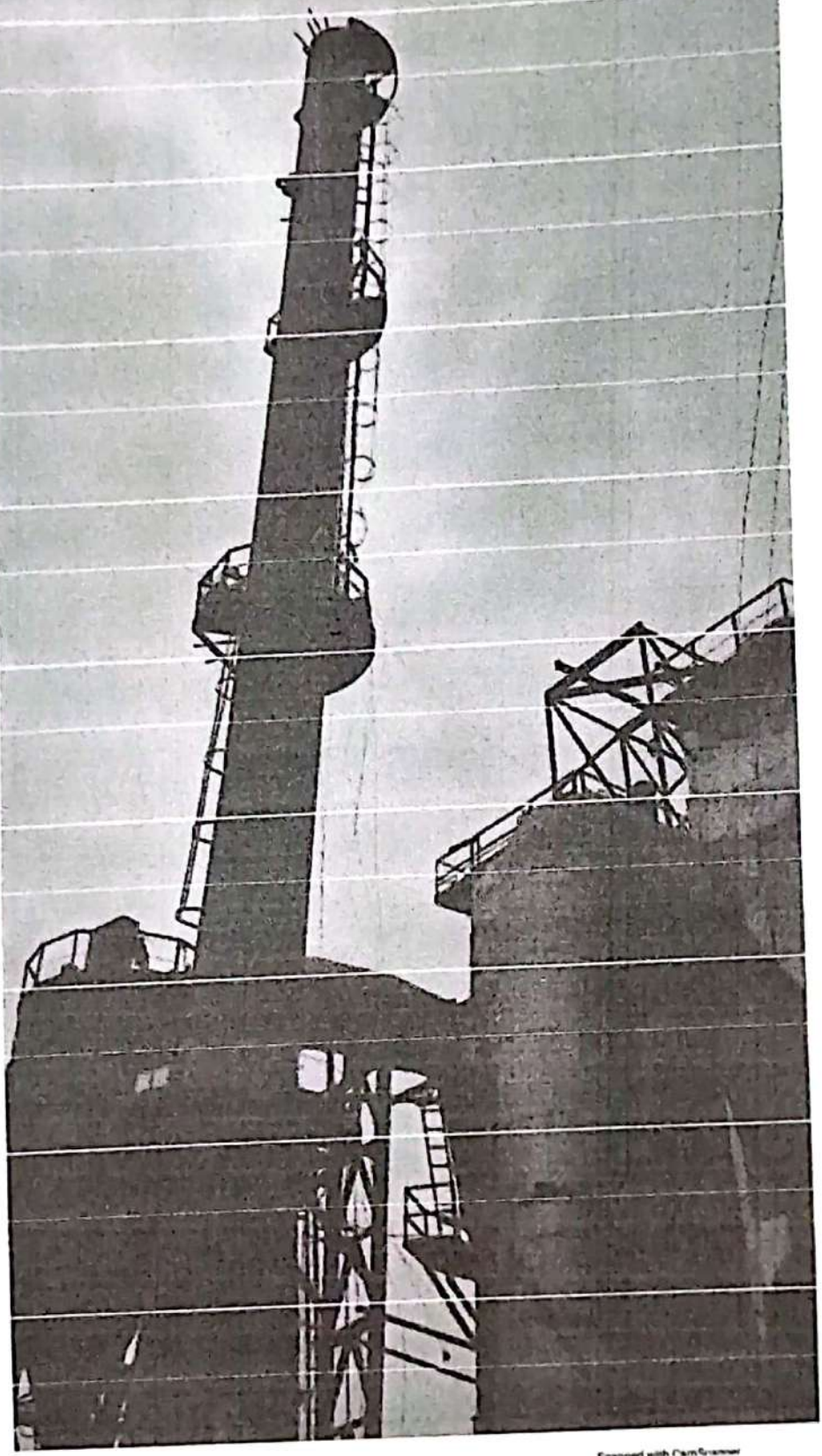
Annexure-13
SUs's



Shriram Power & Steel Private Limited


Authorised Signatory

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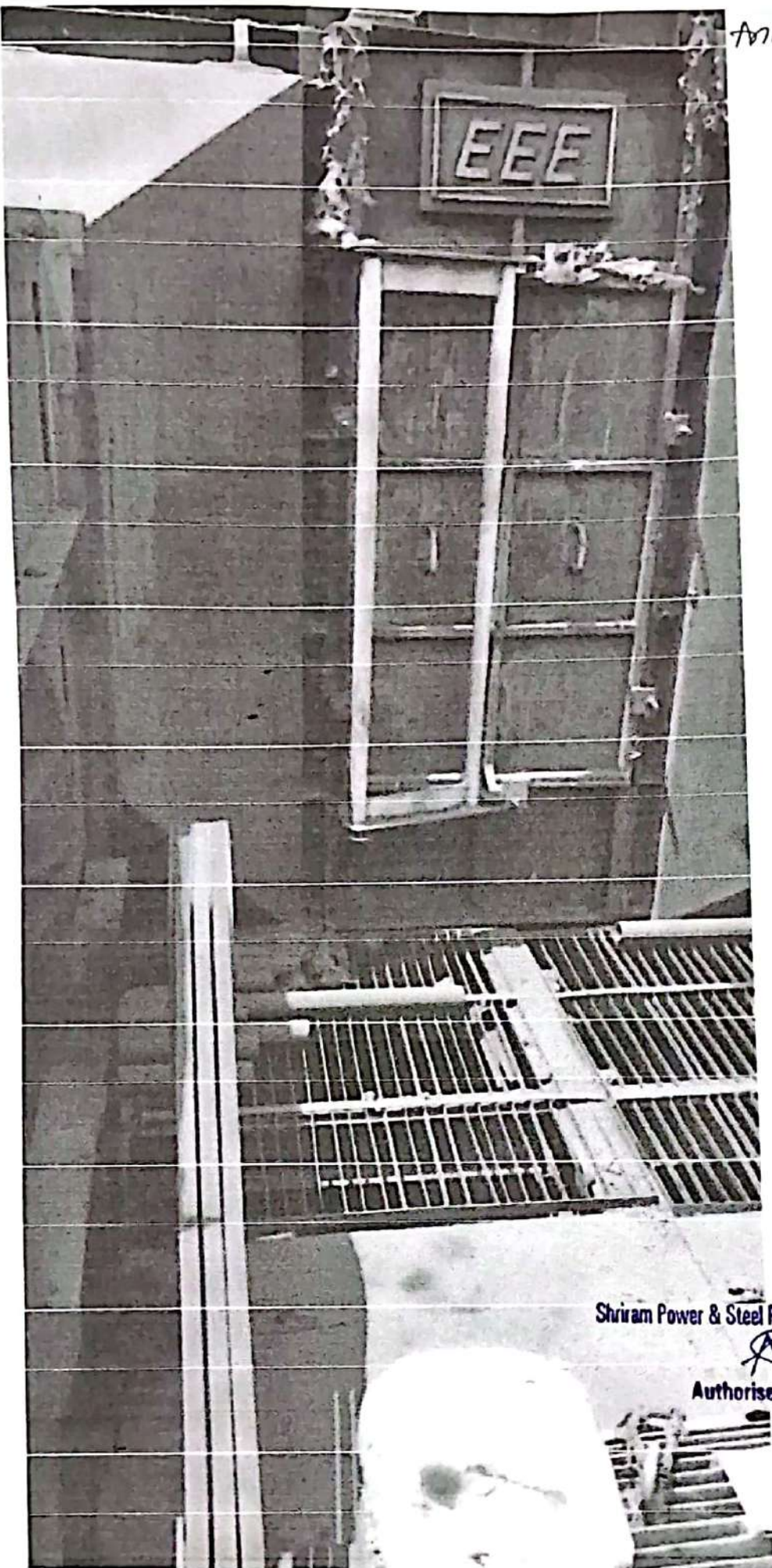


Shriram Power & Steel Private Limited

[Signature]
Authorised Signatory

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Amber - B
Series

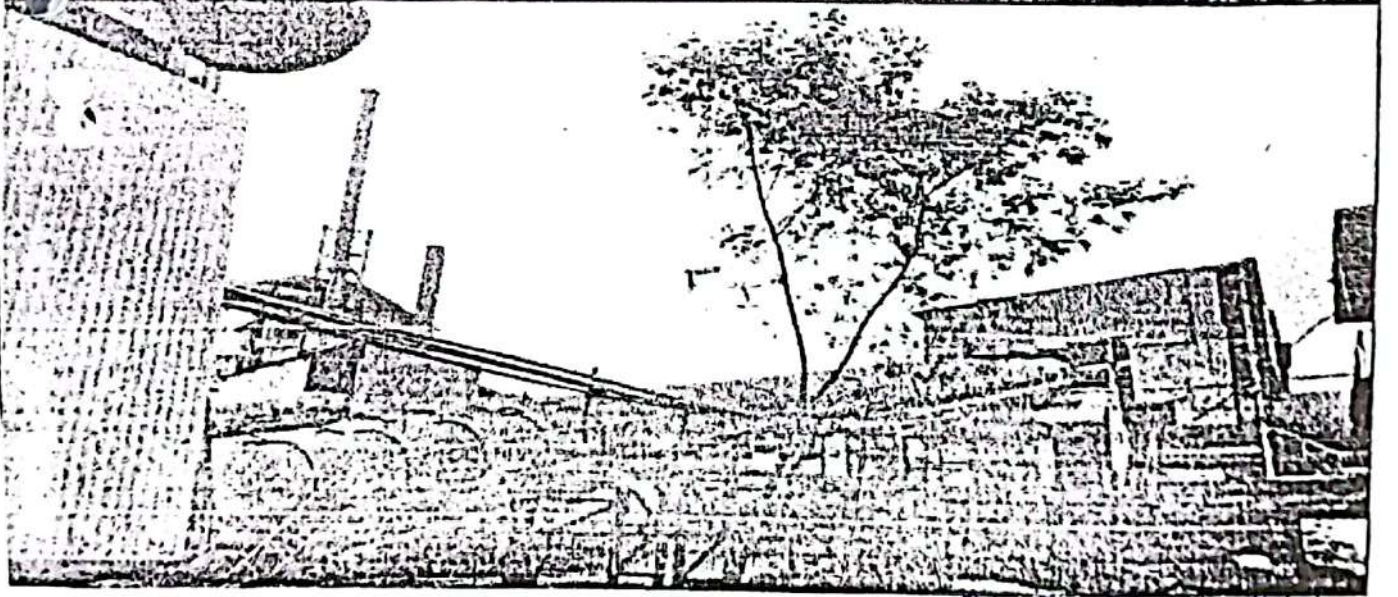
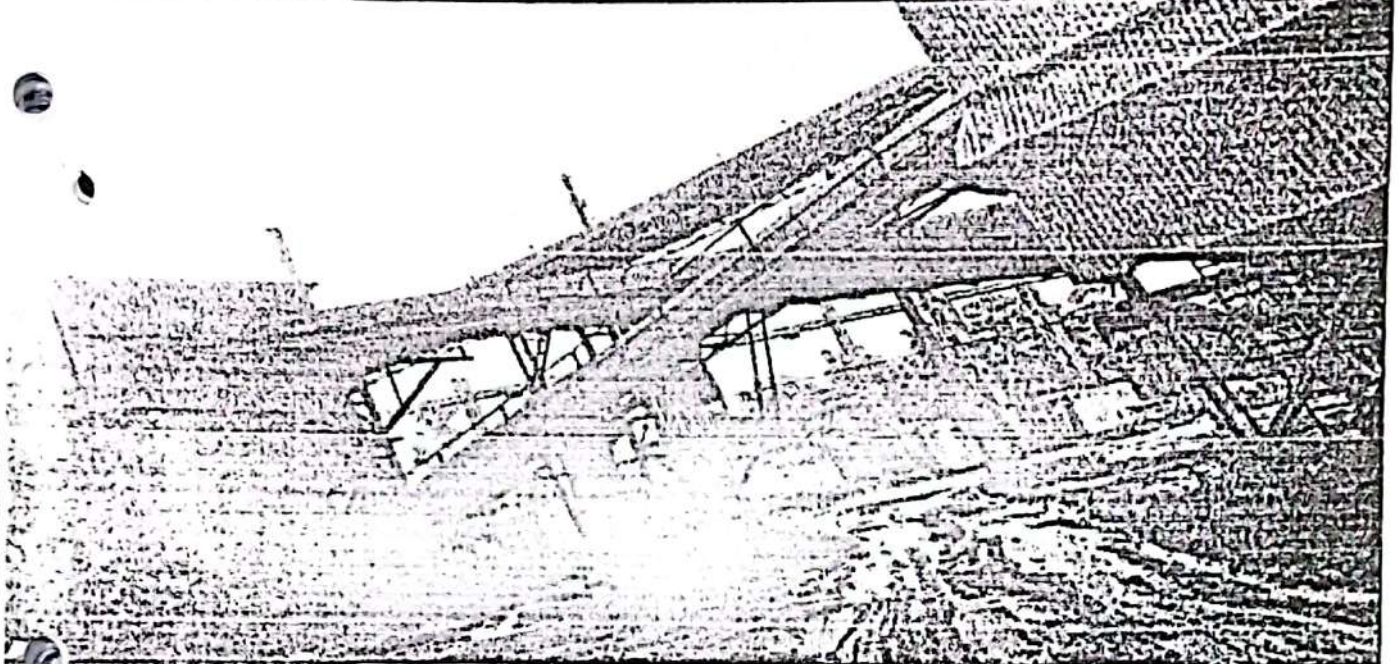
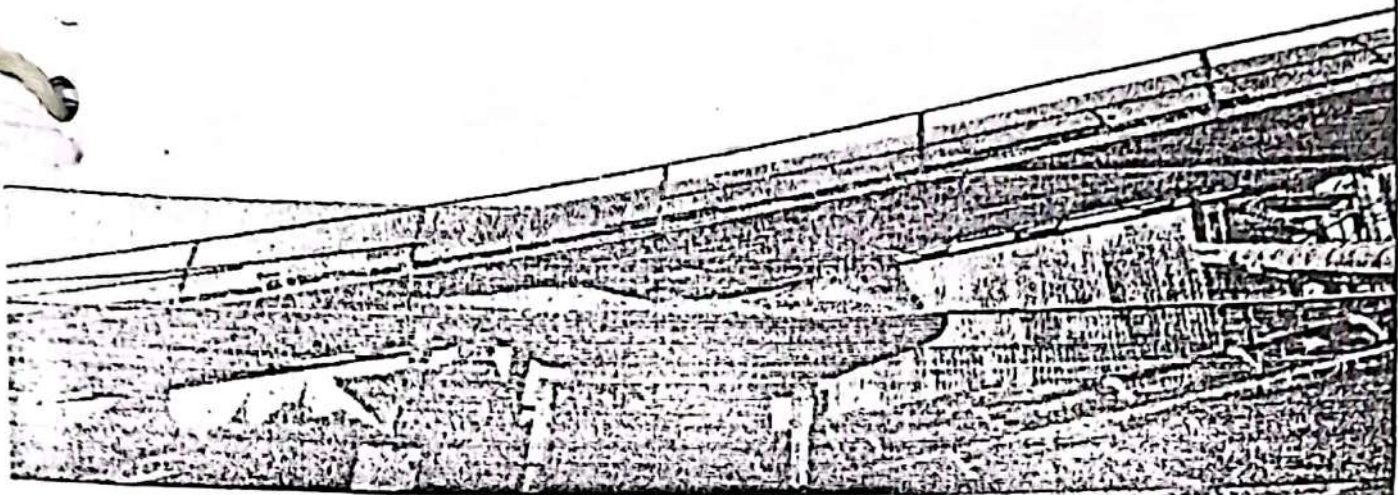


Shriram Power & Steel Private Limited


Authorised Signatory

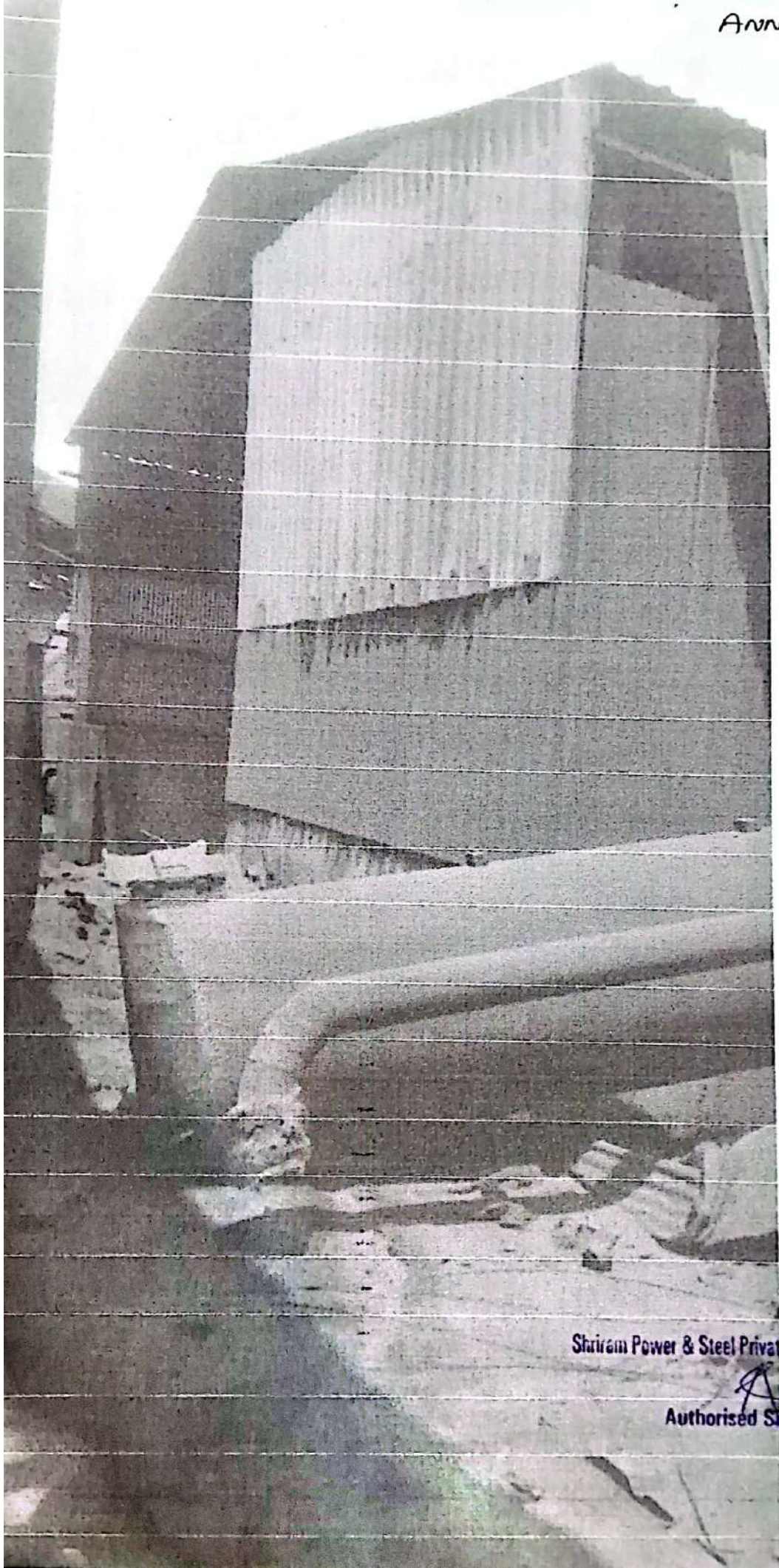
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SHRIRAM POWER & STEEL PVT. LTD.
SHRIRAM POWER & STEEL PVT. LTD.



Shriram Power & Steel Private Limited


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Shriram Power & Steel Private Limited


Authorised 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 9811730063

ETS-LAB

TEST REPORT

DATE OF REPORT: 15.02.2024

TEST REPORT NO.: ETS/1026/02/2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST - RAMGARH,
JHARKHAND 829122

Date of Sampling : 05.02.2024
Analysis Start Date : 08.02.2024
Analysis End Date : 12.02.2024
Sample ID No : 1028
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	---	7.80	6.5 - 8.5	No Relaxation	APHA 4500-H+
3	Total Dissolved Solids,(TDS)	mg/L	542.2	500	2000	APHA 2540-C
4	Total Hardness,(CaCO ₃)	mg/L	180.4	200	600	APHA 2340-C
5	Chloride,(Cl)	mg/L	96.3	250	1000	APHA 4500-(Cl)-B
6	Sulphate,(SO ₄)	mg/L	45.1	200	400	APHA 4500-(SO ₄)-E
7	Turbidity	NTU	<1.0	1	5	APHA 2130-B
8	Nitrate,(NO ₃)	mg/L	1.27	45	No Relaxation	APHA 4500-(NO ₃)-B
9	Fluoride,(F)	mg/L	0.47	1	1.5	APHA 4500-(F)-D
10	Calcium,(Ca)	mg/L	57.1	75	200	APHA 3500 (Ca)-B
11	Magnesium,(Mg)	mg/L	9.0	30	100	APHA 3500 (Mg)-B
12	Conductivity	µs/cm	797.0	Not Specified	Not Specified	APHA 2510-B

CHECKED BY:
PURNIMA SINGH

For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY

Format No ETS/LAB/TR-06, 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.
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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

ETS-LAB

TEST REPORT

TEST REPORT NO.: ETS/1028/02/2024

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 Metal Parameters: -						
16	Iron,(Fe)	mg/L	0.24	1.0	No Relaxation	APHA-3120B
17	Manganese,(Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
18	Sodium,(Na)	mg/L	51.3	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*****



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

Quality Manager

Note:-

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TEST REPORT

TEST REPORT NO ETS/1029/02/2024

DATE OF REPORT: 15.02.2024

SAMPLE ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Sampling : 05.02.2024

Analysis Start Date : 08.02.2024

Analysis End Date : 10.02.2024

Sample ID No : 1029

Sampling Done By : ETS STAFF

Sample Description : LECHATE

Sampling Method : ETS/STP/WATER-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	1.85
2	Cadmium (Cd)	1.0	0.95
3	Chromium (Cr)	5.0	2.40
4	Lead (Pb)	5.0	2.30
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*****



ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
PURNIMA SINGH
Quality Manager

Format No ETS/LAB/TR-10, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 03.04.2019

Notes:-

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.
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TEST REPORT

TEST REPORT NO: ETS/1036/02/2024

DATE OF REPORT: 15.02.2024

WASTE WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Sampling : 08.02.2024

Analysis Start Date : 12.02.2024

Analysis End Date : 14.02.2024

Sample ID No : 1036

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 LL

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		7.15	6.0 - 9.0	6.0 - 9.0	APHA - 4500-H*
2.	Total Suspended Solids (TSS)	mg/L	48.7	100	600	APHA - 2540-D
3.	Oil & Grease (O & G)	mg/L	5.10	10	20	APHA - 5520-C

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



ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

Format no ETS /LAB/TR-10 Issue No 04 dt01/06/2016 Rev No 09 dt 01/06/2016

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.
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ENVIRO-TECH SERVICES

ANNEXURE-17



(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/1030/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring : 08.02.2024
Monitoring Start Date : 08.02.2024
Monitoring End Date : 09.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1030
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)	71.4	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	67.7	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*****



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

Note:-

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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/1031/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer

: SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring

: 08.02.2024

Monitoring Start Date

: 08.02.2024

Monitoring End Date

: 09.02.2024

Duration Of Monitoring

: 24 HOURS

Sample ID No

: 1031

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)	67.5	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	54.2	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 01.04.2020

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
PURNIMA SINGH
Quality Manager

Note:-

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ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

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



TEST REPORT

TEST REPORT NO.: ETS/1032/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD,NAYAMORE,P.O KUJU,DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring : 09.02.2024
Monitoring Start Date : 09.02.2024
Monitoring End Date : 10.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1032
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)	73.6	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	68.1	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*****



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
MD HUMRAJ
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/1033/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring : 09.02.2024
Monitoring Start Date : 09.02.2024
Monitoring End Date : 10.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1033
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)	66.5	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	55.3	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*****



For ENVIRO-TECH SERVICES

K.D. HUMRAJ
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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Shiram Power & Steel Private Limited


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Annexure-19
Series



Shriram Power & Steel Private Limited


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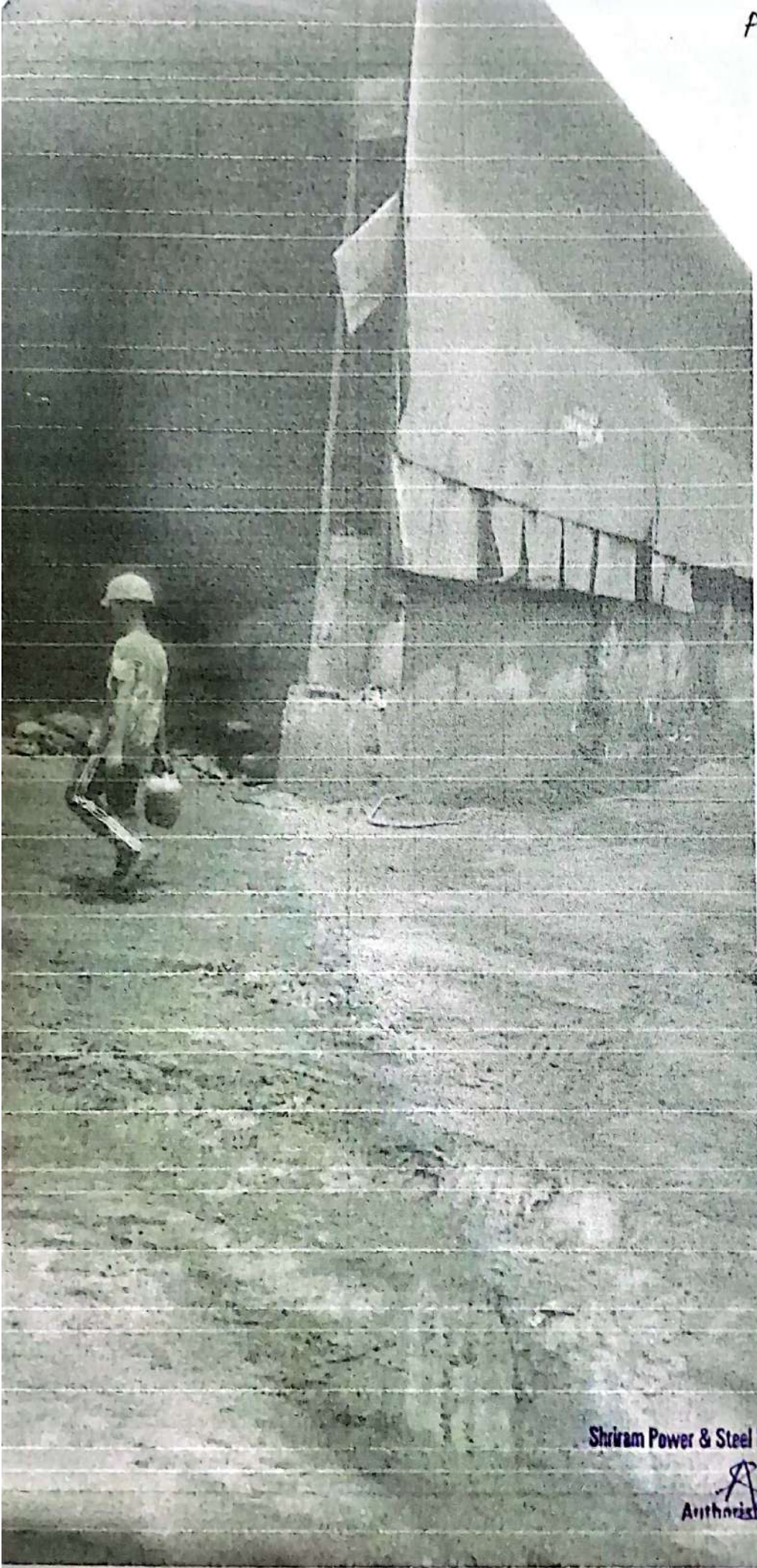
Annexure-19
Series



Shriram Power & Steel Private Limited


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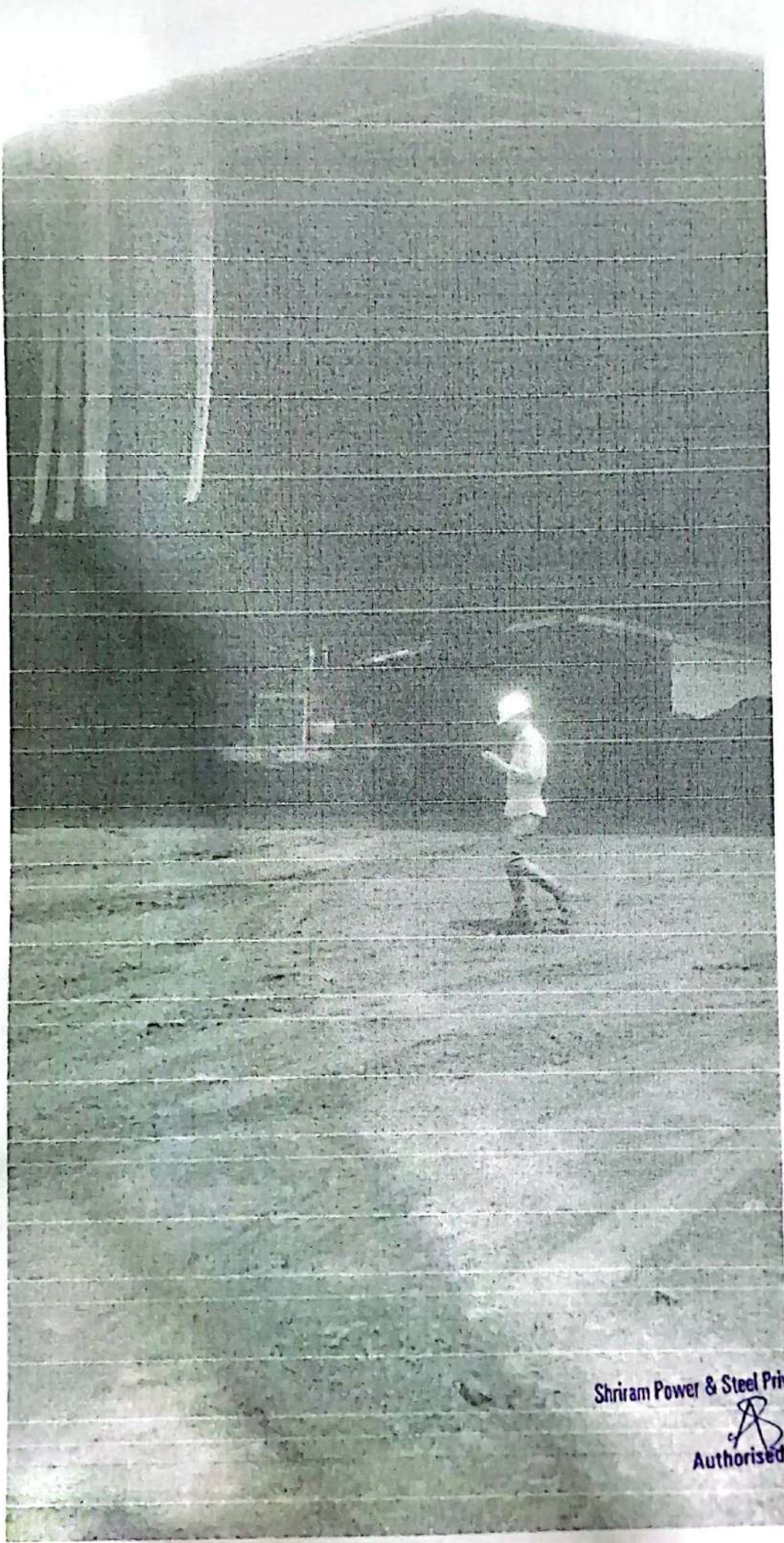
Annexure-19
Series



Shriram Power & Steel Private Limited


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Annexure-19
series



Shriram Power & Steel Private Limited


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Amx We-20

OCCUPATIONAL HEALTH CHECK-UP REPORT

NAME OF THE FACTORY : RAMGARH SPONGE IRON LIMITED

ADDRESS : VILLAGE HOSIR , P.O. DADI , P.S. GIDDI , DIST. HAZARIBAGH, JHARKHAND - 829109

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 FT/UNFT		
1.	Marla Ravindra Rao	46	M	General Management	Plant Head	15.02.2024			
2.	Lal Krushna Das	41	M	DRI	G M	15.02.2024			
3.	Rohit Kumar sahu	43	M	Electrical	HOD	15.02.2024			
4.	Randhir Kumar Pandey	44	M	Quality Control.	Lab. Asst.	15.02.2024			
5.	Pradeep Nayak	45	M	RMP	In-charge	15.02.2024			
6.	Dularchand Yadaw	37	M	Store	Assistant	15.02.2024			
7.	Ajay Kumar	44	M	Personnel	Manager	15.02.2024			
8.	Tejpal Tundwar	40	M	Dispatch	Assistant	15.02.2024			
9.	Pahal Mahato	54	M	House Keeping	Helper	15.02.2024			
10.	Azad Yadaw	48	M	Security	Supervisor	15.02.2024			
11.	Munna Kumar Thakur	32	M	Automobile	Brokk Opt.	15.02.2024			
12.	Dindyal Mahato	56	M	DRI Electrical	Shift In Chahrge	15.02.2024			
13.	Gopal Sharma	44	M	DRI Mechanical	Asst. HOD	15.02.2024			
14.	Ashok Kumar Singh	51	M	DRI Mechanical	Shift In Charge	15.02.2024			
15.	Sailendra Mahato	40	M	DRI Mechanical	Trainee	15.02.2024			
16.	Birbal Kumar Mahato	44	M	DRI Mechanical	Helper	15.02.2024			
17.	Sunil Kumar	46	M	Automobile	Supervisor	15.02.2024			
18.	Ranjeet Kumar Jha	50	M	Liaison	Manager	15.02.2024			
19.	Manoj Kumar	54	M	Accounts	DGM	15.02.2024			
20.	Amarendra Kumar	41	M	IT	Manager	15.02.2024			
21.	Dipesh rai	38	M	Purchase	DGM	15.02.2024			
22.	Manish Agrawal	38	M	Purchase	Assistant	15.02.2024			
23.	Rakesh Roshan Lal	40	M	Finance	Asst. Manager	15.02.2024			
24.	Kaliram Manjhi	56	M	House Keeping	Office Cook	15.02.2024			
25.	Shailendra Shasi	46	M	Automobile	Driver	15.02.2024			

Dr. Mahesh Kr. Khandelwal
 M.B.B.S., FRMS
 D.D. Diabetology
 1997-0-1288



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDING ADDRESS:

NEAR P.N BANK, MAIN ROAD
 RAMGARH CANTT.- 829122
 DISTT. RAMGARH (JHARKHAND)
 Telefax : 06553-225289
 E- mail : shrirampower12345@rediffmail.com

WORKS:

Ara Sarubera Road, Naya More Kaju,
 Ramgarh- 825316, Jharkhand

**EXTRACT OF THE MINUTE OF THE MEETING OF BOARD OF DIRECTORS OF SHRI RAM POWER & STEEL PVT.LTD.
 HELD ON THURSDAY 15TH DAY OF AUGUST 2019 AT 02:30 P.M AT REGISTERED OFFICE OF THE COMPANY**

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

"RESOLVED THAT" the board hereby adopts the Environmental Policy (as discussed below). The mission of Shri Ram Power & Steel Pvt.Ltd. is to produce Ferro alloys production in an environment friendly manner and is strive to;

- Integrate sound environmental management practices in all our activities
- Conduct our operations in environmentally responsible manner to minimize pollution and its' impact on environment
- Comply with applicable legal and other requirements related to environmental aspects of our operations and strive to go beyond. The environment management cell will be headed by EHS Manager, a well qualified and experienced environment engineer.
- Shri Ram Power & Steel Pvt.Ltd. shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.
- Encourage environmental awareness amongst employees working for and on behalf of Shri Ram Power & Steel Pvt.Ltd. and the general populace around the plant.

Shriram Power & Steel Private Limited


 Authorised Signatory



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDING ADDRESS:

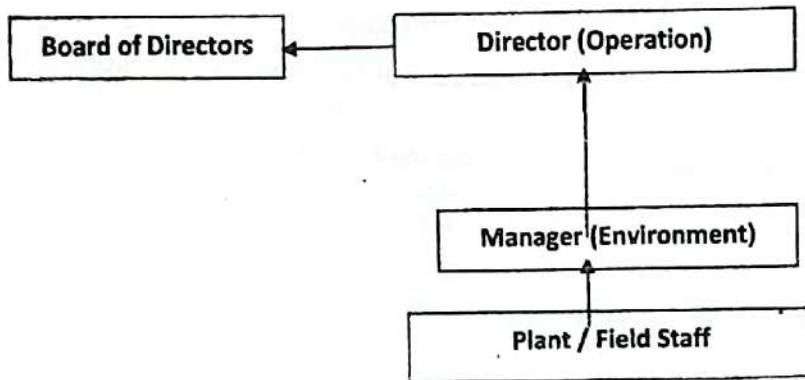
BAR P.N BANK, MAIN ROAD
RAMGARH CANTT.- 829122
DISTT. RAMGARH (JHARKHAND)
Telefax : 06553-225289
E- mail : shrirampower12345@rediffmail.com

WORKS:

Ara Sarubera Road, Naya More Kuju,
Ramgarh- 825316, Jharkhand

Hierarchical systems - environmental issues and for ensuring compliance

Company EHS cell is responsible for the compliance of the environmental conditions. The Environmental Manager will functionally report to Director (Operation), and the environmental matters are placed to the Board of Directors through Director (Operation).



"RESOLVED FURTHER THAT Mr. S.S Verma of the Company be and is hereby severally authorized to make, sign and execute on behalf of the Company such all necessary document required in framing & adoption of "Environment Policy."

"RESOLVED FURTHER THAT the Board be and is hereby recommended to adopt Environment Policy, as the draft placed before the board, Initiated by the chairman for the sake of identification".

Date: 05/09/2019

SHRIRAM POWER & STEEL PVT. LTD.

[Signature]
DIRECTOR



SHRIRAM POWER & STEEL PRIVATE LIMITED

RESPONDING ADDRESS:
NEAR P.N BANK, MAIN ROAD
RAMGARH CANTT.- 829122
DISTT. RAMGARH (JHARKHAND)
Telefax : 06553-225289
E- mail : shrirampower12345@rediffmail.com

WORKS:
Ara Sarubera Road, Naya More Kaju,
Ramgarh- 825316, Jharkhand

ENVIRONMENT POLICY

M/s Shri Ram Power & Steel Pvt.Ltd. is engaged in production of Steel products is committed towards clean and sustainable environment. The mission of SRPSPL is to produce Steel product in an environment friendly manner and is strive to;

- Integrate sound environmental management practices in all the activities.
- Conduct the operations in environmentally responsible manner to minimize pollution and its' impact on environment.
- Comply with applicable legal and other requirements related to environmental aspects of the operations and strive to go beyond. The environmental management cell will be headed by EHS Manager, a well-qualified and experienced environment engineer.
- SRPSPL shall ensure that deviations from this policy and cases of violations/non-compliances of Environment or Forest Laws, if any, shall be reported to the Board of Directors through EHS Manager and shall identify designate responsible person for ensuring compliance with the Environmental Laws and Regulations.
- Conserve energy, and other natural resources, minimize waste generation and promote recovery, recycle and reuse.
- Increase greenery in and around the plant.
- Ensure continual improvement in environmental performance by setting & reviewing objectives & targets.
- Encourage environmental awareness amongst employees working for and on behalf of SRPSPL and the general populace around the plant.
- Maintain transparency in matters of Environmental compliance.

Date: 05th September, 2019

For and on behalf of
M/s Shri Ram Power & Steel Pvt.Ltd.
SHRIRAM POWER & STEEL PVT. LTD.

Mr. Swapan Saran Verma
(Director)

HEAD OFFICE: 101 PRAGATI TOWERS, 26 RAJENDRA PLACE, NEW DELHI - 110 008, TEL. NO.- 25727984



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:

ADARSH COLONY, BEHIND ASHOK CINEMA
PANCHI ROAD, P.O- MARAP
DIST- RAMGARH- 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE-www.srpspl.com

WORKS:

ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST.-RAMGARH, 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Function of Environment Management Cell

The Functions of Environment Management cells 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 measures by discussing with various departments even if it 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 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;

Shriram Power & Steel Pvt. Ltd.


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- EMS review will be carried out quarterly. The meeting will be presided by plant head and members of environmental cell.
- The agenda points will be covered as below
 - a) Fulfillment of environment objectives.
 - b) Statutory compliances conditions.
 - c) Outcome of environmental monitoring programme (any deviation there to)
 - d) Effectiveness of EMP implementation.
 - e) Public compliances 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 incident, non-conformances and corrective and preventative action is also included in these reports and submitted for management review of the EMS.

Shriram Power & Steel Pvt. Ltd.


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ISO 9001 : 2000
ALANKAR
 JEWELLERS & SONS

ISO 9001 : 2000
 ALANKAR
 JEWELLERS & SONS

ALANKAR Jewellers & Sons
 1-14, Madhav Marg, Sector-4, Gurgaon, Haryana, India
 Phone: 0122-2622222 Fax: 0122-2622222
 E-mail: alankar@alankar.com

ALANKAR Jewellers & Sons
 1-14, Madhav Marg, Sector-4, Gurgaon, Haryana, India
 Phone: 0122-2622222 Fax: 0122-2622222
 E-mail: alankar@alankar.com

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 ... 26 दिनों के भीतर ही ...

Shrirampower12345@rediffmail.com
Mon - Sat (10AM - 7PM)

Home About Us Features Careers CSR Media Coverage Gallery Documents Contact Us

Compliance Of SRPS
Environmental Clearance
Environmental Statement

SHRIRAM POWER AND STEEL PVT. LTD.

WE'RE EXCLUSIVE METS PRODUCER

SPONGE IRON, STEEL & POWER

We are Manufacturers of

Since 2005

1 of 24 - Clipboard
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10:44 AM 07/15/2024

Shriram Power & Steel Private Limited
Authorised Signatory



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
 ADARSH COLONY, BEHIND ASHOK CINEMA
 RANCHI ROAD, P.O- MARAR
 DIST- RAMGARH - 829117 (JHARKHAND)
 MAIL- shrirampower.in@gmail.com
 shrirampower17@gmail.com
 WEBSITE- www.srpspl.com

WORKS:
 ARA SARUBERA ROAD, NAYA MORE, KUJU,
 DIST - RAMGARH- 825316, (JHARKHAND)
 GSTIN : 20AAFCS1323N1ZM

Ref.No. SRPSPL/VIIM/Mandu-Rng/EC/2021-22/...55

Date: 05.10.2021

To,

The Village Head Man (Mukhiya)
 Panchayat 21. Kuju East.
 Block Mandu.
 Dist- Ramgarh.

Sub: Submission of Environmental Clearance.

Ref: F. No.- J-11011/260/2009-1A.II(I), dated 10.08.2021

Dear Sir,

With reference to the above we wish to submit that Environmental Clearance for expansion of Sponge Iron from 60,000 TPA to 90,000 TPA, production of 72,000 TPA Billet by addition of 2X12 Ton Induction Furnace and 12 MW Captive Power Plant in our existing plant Shriram Power & Steel Pvt Ltd located at Village Ara Saru Bera Road, P.O. Kuju. Dist. Ramgarh was granted by the Ministry of Environment, Forest & Climate Change vide the Ministry Clearance letter referred above.

In Compliance of Conditions laid down in sub paragraph ii of the paragraph X of General Condition B, we are submitting here with a copy of the said Environmental Clearance for your kind information /suggestion.

Thanking you.

Yours faithfully,

For Shriram Power & Steel Pvt Ltd

Authorized Signatory

Encl: Copy of the Environmental Clearance.

मुखिया
 पंचायत-21, कुजू पूर्वी
 ब्लाक-रामगढ़ (साठ)
 जिला-रामगढ़

REGD OFFICE: 33A, JAWAHAR LAL NEHRU ROAD, 17TH FLOOR, CHATTERJEE INTERNATIONAL CENTRE, ROOM NO-08, KOLKATA, W.B-70007

Shriram Power & Steel Private Limited

Authorised Signatory

Annexure-24 series



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH - 829117 (JHARKHAND)

EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com

WEBSITE- www.spspl.com
Ref No. SRPSP/CEO-DDC/ZP-Rmg/EC/2021-22/54

WORKS:

ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST - RAMGARH- 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Date: 05.10.2021

To,
The Chief Executive Officer-cum-
Deputy Development Commissioner
Zila Parishad,
Ramgarh.

Sub: Submission of Environmental Clearance.

Ref: F. No.- J-11011/260/2009-IA.II(I), dated 10.08.2021

Dear Sir,

With reference to the above we wish to submit that Environmental Clearance for expansion of Sponge Iron from 60,000 TPA to 90,000 TPA, production of 72,000 TPA Billet by addition of 2X12 Ton Induction Furnace and 12 MW Captive Power Plant in our existing plant Shriram Power & Steel Pvt Ltd located at Village Ara Saru Bera Road, P.O. Kuju, Dist. Ramgarh was granted by the Ministry of Environment, Forest & Climate Change vide the Ministry Clearance letter referred above.

In Compliance of Conditions laid down in sub paragraph ii of the paragraph X of General Condition B, we are submitting here with a copy of the said Environmental Clearance for your kind information /suggestion.

Thanking you.

Yours faithfully,

For Shriram Power & Steel Pvt Ltd

[Signature]

Authorized Signatory

Encl: Copy of the Environmental Clearance.

Shriram Power & Steel Private Limited

[Signature]
Authorized Signatory

31/10/21
06/10/21



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
 ADARSH COLONY, BEHIND ASHOK CINEMA
 NCHI ROAD, PO- MARAR
 DIST- RAMGARH- 829117 (JHARKHAND)
 EMAIL- shrirampower.in@gmail.com
 shrirampower17@gmail.com
 WEBSITE-www.srpspl.com

WORKS:
 ARA SARUBERA ROAD, NAYA MORE, KUJU,
 DIST.-RAMGARH, 825316, (JHARKHAND)
 GSTIN : 20AAFCS1323N1ZM

Letter No. SRPSPL/MOEF&CC/23-24/29

To,
 The Deputy Director General,
 Ministry of Environment, Forest and Climate Change,
 Integral Regional Office (ECZ),
 2nd Floor, Headquarter Jharkhand State Housing Board
 Ranchi- 834002.

Date:17.11.2023

Sub: Compliance of Conditions of Environmental Clearance
 Ref: F. No. J-11011/260/2009/-IA-II (I), dated 10.08.2021
Proposal No. IA/JH/IND/195539/2018 (Expansion)

Dear Sir,

As referred above, we have obtained Environmental Clearance of our unit Shriram Power & Steel Pvt Ltd for enhancement of production of Sponge Iron from 60,000 TPA to 90,000 TPA, M S Billet 72,000 TPA by installing of 2 X 12 TPH Induction Furnace with Continuous Casting Machine, Captive Power plant of 12 MW (WHRB 6 MW & AFBC 6 MW). All the mandatory clearances/authorization is being taken prior to installation and commissioning of the proposed enhancement. Presently DRI Kilns of 3 X 100 TPD each and Induction Furnace of 2 X 12 TPH with CCM are installed and in operation.

Under the provisions of Environmental (Protection) Act, 1986 and various conditions laid down in the above environmental clearance, we are submitting herewith six monthly compliance report of our unit for the period from 01.04.2023 to 30.09.2023. The same is enclosed for your information and record.

Thanking you.

Yours faithfully,

For Shriram Power & Steel Pvt Ltd.


 Authorized Signatory

Enclosures-
 Compliance Report with Annexure.





SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
VCHI ROAD, P.O- MARAR
DIST- RAMGARH- 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE-www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST.-RAMGARH, 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Ref.no.- SRPSPL/RO-HZB/JSPCB /22-23/17

Date: 17.11.2023

To,
The Regional Officer,
Jharkhand State Pollution Control Board,
PTC Chowk, Matwari Road,
Hazaribagh.

Sub: Compliance of Conditions of Environmental Clearance
Ref: F. No. J-11011/260/2009/-IA-II (I), dated 10.08.2021
Proposal No. IA/JH/IND/195539/2018 (Expansion)

Dear Sir,


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Thanking you.

Yours faithfully,

For Shriram Power & Steel Pvt Ltd.


Authorized Signatory

Enclosures-
Compliance Report with Annexure.



Received
Aryabhan Durr
22/11/23

Environmental Statement

OF

M/s SHRIRAM

POWER AND STEEL

PVT LTD

AS ON

31ST MARCH 2024

**AT- Ara Sarubera Road, Naya More, Kuju,
Dist. Ramgarh (Jharkhand)**

Shriram Power & Steel Private Limited


Authorised 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) Shriram Power & Steel Pvt. Ltd. Ara Sarubera Road, Nayamore, Kuju Dist. Ramgarh
ii.	Industry category Primary (SSI Code), Secondary (SSI Code)	Primary
iii.	Production Capacity / Year of Establishment	Sponge Iron 60,000 T.P.A/2004 Sponge Iron 30,000 T.P.A/2022 M.S. Billet 72000 T.P.A/2022
iv.	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 734.15 KL/day
(c) Domestic: 7.00 KL/day

SI No.	Name of Product	Process water Consumption Per M T of Final Product	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Sponge Iron	0.93 KL	1.10 KL
2.	M.S. Billet	1.37 KL	1.30 KL

Shriram Power & Steel Private Limited


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(2) Raw Material Consumption

Sl No.	Nature of Raw Material	Raw Material Consumption Per MT of Product Output	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Iron Ore	1.80	1.72
2.	Coal	0.93	0.93
3.	Dolomite	0.048	0.038
4.	Sponge Iron	1.072	1.036
5.	Pig Iron	0.123	0.168
6.	Polled Iron	0.166	0.044

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	--	26.1 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	210.60 (Used Oil)	259.200 Kg (Used Oil)
(2)	From pollution control Facilities	NIL	NIL

Shriram Power & Steel Private Limited


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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 Slag	31560.960 MT 8445.980 MT	32805.000 MT 37756.520 MT
(b)	From pollution control Device Facilities-	90237.620 (ESP & Bag Filter Dust)	38806.580 MT
(c)	Sold		33911.420 MT (Dolochar)
(i)	Disposed	38540.320 MT (Dolochar)	
(ii)		90067.880 MT (ESP & Bag Filter Dust) 8154.000 (Slag)	33964.860 MT (ESP & Bag Filter Dust) 30477.580 MT (Slag)

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:-

38.36% Dolochar as solid wastes generated in the manufacturing process. Composition VM 1.6%, Ash 72%, IC 26.40%. 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 has helped in minimizing pollution to the great extent. Company has proposed to invest 5.00 crores for implementation of pollution control.

PART - H

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

ESP and Bag Filters in the stacks of all the kilns and Fume Extractor in Induction Furnace are functioning properly during operation of the plant to control 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 suggestions received by the JSPCB/ CPCB/MoEF & CC to improve the quality of the environment.

Shriram Power & Steel Private Limited


Authorized Signatory



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
POST- RAMGARH - 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE- www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST - RAMGARH- 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Letter No :- SRPSPL/MOEF&CC/2024-25/10

To,
The Deputy Director General
Ministry of Environmental, Forest & Climate Change
Integrated Regional office, 2nd Floor
Head Quarter Jharkhand State Housing Board,
Harmu Chowk, Ranchi – 834002.

Date:-01.07.2024

Sub: Compliance of Conditions of Environmental Clearance.
Ref: F.No – J – 11011/260/2009 – IA – 11(l) dt:- 30.09.2010

Dear Sir,
Under the provision of Environmental (Protective) Act, 1986, We are submitting here with six monthly compliance report of our unit for the period from 01.10.2023 to 31.03.2024. The same are enclosed to your information and record.

Thanking You
Your faithfully
For Shriram Power & Steel Pvt Ltd.

Authorize Signatory

COMPLIANCE OF ENVIRONMENTAL CLEARANCE

GRANTED BY MOEF, NEW DELHI VIDE F.NO.J-11011/260/2009-IA-II(I) dt.30.09.2010.

Sl	CONDITION	COMPLIANCE/STATUS From 01.10.2023 to 31.03.2024
A	SPECIFIC CONDITIONS:	
1.	On-line ambient air quality monitoring and continuous stack monitoring facilities for all the stacks shall be provided and sufficient air pollution control devices viz. Electrostatic Precipitator (ESP), cyclone, bag filters etc. shall be provided to keep the emission level below 50 mg/NM3 by installing energy efficient technology.	On-line Ambient Air Quality monitoring system and On-line continuous stack monitoring are installed with connectivity of JSPCB & CPCB and is working properly. ESP in the DRI kiln and Bag Filters in various sections are installed to adjoin the prescribed standards. Copy of the Ambient Air Quality Monitoring Report and Stack Monitoring Reports are attached as Annexure-1 & Annexure-2.
2.	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16 th November, 2009 shall be followed.	Complied. As per NAAQS notification 2009 copy of Ambient Air Quality Monitoring reports of 12 parameters are attached herewith as Annexure - 1.
3.	Gaseous emission level including secondary fugitive emission from all the sources should be controlled within the latest permissible limits issued by the Ministry vide GSR 414 (E) dated 30 th May 2008 and regularly monitored. Guidelines / Code of practice issued by the CPCB should be followed.	Being complied with. The emission from the plant is controlled with the latest permissible limit. Copy of the latest Fugitive Emission Monitoring Report is attached herewith as Annexure - 3.
4.	Hot gases from DRI kiln shall be passed through Dust Setting Chamber (DSC) to remove coarse solids and After Burning Chamber (ABC) to burn CO completely and used in waste heat recovery boiler (WHRB). The gas then should be cleaned in ESP before leaving out into the atmosphere through ID fan and stack.	Being complied with. Flue gas is being cleaned in ESP before leaving out into the atmosphere through ID Fan and stack. Installation of WHRB is in advance stage. Copy of the Purchase order for supply of boiler given to Sitson India Private Limited is attached as annexure-4. Copy of the Purchase Order for supply Steam Turbine Generator given to Siemens limited is also attached herewith as Annexure-5.
5.	Total water requirement shall not exceed 2664 KLD. Efforts shall further be made to use maximum water from the rain water harvesting sources. Use of air cooled condenser shall be explored and closed circuit cooling system shall be provided to reduce water consumption and water requirement shall be modified accordingly. All the effluent should be treated and used for ash handling, dust suppression and green belt development. No effluent shall be discharged and 'zero' discharge shall be	DVRRRC has granted the permission for withdrawal of water from river Damodar. Copy of the permission letter is attached herewith as annexure-6. . In Kiln operation, open circuit cooling system is provided.

Shriram Power & Steel Private Limited


 Authorised Signatory

	adopted. Sanitary sewage shall be treated in septic tank followed by soak pit. Permission shall be obtained from CGWB/concerned agencies for drawl of water.	
6.	The water consumption shall not exceed as per the standards prescribed for the steel plant.	Being complied. Water consumption maintained with the norms of Iron & Steel Plant.
7.	Efforts shall be made to make use of rain water harvested. If needed, capacity of the reservoir shall be enhanced to meet the maximum water requirement. Only balance water requirement shall be met from other sources.	We have constructed 3 no. Rain Water Harvesting pit to meet the maximum water requirement. Additional rain water harvesting Pit are being constructed. Photograph of Rain Water Harvesting Pit are attached as annexure-7.
8.	Regular monitoring of effluents and effluents surface, sub-surface and ground water shall be ensured and treated waste water should meet the norms prescribed by the State Pollution Control Board or described under the Environment (Protection) Act, 1986 which ever are more stringent. Leachate study for the effluent generated and analysis shall also be regularly carried out and report submitted to Ministry's Regional office at Bhubaneswar, SPCB and CPCB.	All monitoring as prescribed are being followed. At no time the emission level will be allowed to go beyond the prescribed standard. No effluents discharged outside the plant premises. Copy of Ground Water, Waste Water and Lechate Study Reports are attached herewith as Annexure-8.
9.	All the char from DRI plant shall be utilized in AFBC boiler of Power Plant and no char should be disposed off anywhere else. AFBC boiler shall be installed simultaneously along with the DRI plant to ensure full utilization of char from the beginning.	Since, Power plant under installation, so Char generated from the plant is being sold to other Power Plant unit. Copies of the few sale invoices of char are attached as Annexure-9.
10.	Proper utilization of fly ash shall be ensured as per Fly Ash Notification, 1999 and subsequent amendment in 2003 and 2010. All the fly ash should be provided to cement and brick manufacturers for further utilization and Memorandum of Understanding should be submitted to the Ministry's regional office at Bhubaneswar.	Since Captive Power plant is under installation, so fly ash is not generated. After installation AFBC Boiler, Fly Ash will be supplied to cement and fly ash bricks manufacturing unit and Memorandum of Understanding in this aspect will be submitted to Ministry's Regional Office.
11.	Risk and Disaster management plan along with the mitigation measures should be prepared and a copy submitted to the Ministry's regional office at Bhubaneswar, JSPCB and CPCB within three months of issue of Environment Clearance letter.	Complied. Copy the approved On-site-Emergency plan has already been submitted with in previous E C compliance.

Shriram Power & Steel Private Limited


Authorised Signatory

12.	As proposed, Green Belt shall be developed in 33% of plant area selection of plant species shall be as per the CPCB guidelines in consultation with DFO.	Being complied. Photograph of plantation is attached herewith as Annexure-10.
13.	All the recommendation made in the Charter on Corporate Responsibility for Environment Protection (CREP) for the steel plant should be implemented.	Provisions made in CREP for Steel Plant as applicable are being complied. Pollution Control equipments such as ESP, bag filters and fixed type of water sprinklers are installed to mitigate the pollution. List of pollution control equipments are attached as Annexure-11.
14.	All the commitment made to the public during the public hearing /public consultation meeting held on 20 th March 2010 shall be satisfactorily implemented and a separate budget for implementing the same shall be allocated and information submitted to the Ministry's Regional Office at Bhubaneshwar.	Employments to the local villagers are provided according to their intellectual capability. CSR activities taken up like drinking water distribution, Medical camp for health checkup of workers and Book Distribution etc. Till date approx. Rs. 48,50,190.00 expenditure incurred on CSR activity. During October 1 2023 to March 2024 Rs. 1,20,200.00 has been expended. Copy of same is attached herewith as Annexure-12.
15.	At least 5% of the total cost of the project should be earmarked towards the Corporate Social Responsibility and item-wise details along with time bounded action plan should be prepared and submitted to the Ministry's regional office at Bhubneshwar. Implementation of such programs should be ensured accordingly in a time bound manner.	The unit has allotted a budget of Rs. 5.00 Corers for CSR activities with recurring expenses for next 10-12 years. CSR activities already taken up in the area. Copy of CSR details on year wise expenditure is attached herewith as Annexure-12.
16.	The company shall provide housing for construction labour within the site with all necessary infrastructure and facility such as fuel for cooking, mobile toilet, mobile STP, safe drinking water, medical healthcare, crech etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Being complied.
B	GENERAL CONDITION	
i)	These project authorities must strictly adhere to the stipulation made by the Jharkhand State Pollution Control Board and the State Government.	CTE and CTO obtained from JSPCB and other mandatory departments. All the directions are being complied. Copy of the latest CTO is attached herewith as Annexure-13.
ii)	No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment and Forest.	Environmental Clearance from MOEF & CC and CTE from Jharkhand State Pollution Control Board has been granted for purposed expansion. Copies of EC and CTE are attached herewith as Annexure -14 and Annexure -15.

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iii)	The gaseous emissions from the various process units shall confirm to the load/mass based standards notified by the ministry 19 th May, 1993 and standards prescribed from time to time. The State Board may specify more stringent standards for the relevant parameters keeping in view of the nature of industry and its size and location.	Being complied. Stack monitoring report of all the parameters is attached herewith as Annexure-2.
iv)	At least four ambient air quality monitoring stations should be established in the downward direction as well as where maximum ground level concentration of PM10, SO2 and NOX are anticipated in consultation with the SPCB. Data on ambient air quality and stack emission shall be regularly submitted to the Ministry including its Regional Office Bhubaneshwar and the SPCB/CPCB once in six month.	Being complied. Data of AAQ and Stack Emission are being submitted regularly to the Ministry, its Regional Office and JSPCB/CPCB with six monthly compliance reports. Copy of the Stack Monitoring Report is attached as Annexure-2 Copy of the Air Ambient Quality Report is attached as Annexure-1.
v)	Industrial waste water shall be properly collected, treated so as to confirm to the standards prescribed under GSR 422 (E) dated 19 th May 1993 and 31 st December, 1993 or as amended from time to time. The treated waste water shall be utilized for plantation purpose.	Cooling water is re-circulated. Provisions (collection drain and tanks) made for proper collection of industrial waste water and utilized for plantation and dust suppression purpose.
vi)	The overall noise levels in and around the plant area shall be kept well within the standards (85 dBA) by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation. The ambient noise levels should confirm to the standards prescribed under EPA Rules, 1989 viz 75 dBA (day time) and 70 dBA (night time).	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-16.
vii)	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Being complied. Copy of the Occupational Health Check-up Report is attached as Annexure-17.
viii)	The company shall develop surface water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Being complied with.
ix)	The project proponent shall also comply with all the environmental protection measures and safe guard recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programs, educational programs, drinking water supply and health-care etc.	Several pollution control measures/equipments have been setup in the plant premises. Details of Socio-economic development activities are attached as Annexure 12.

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x)	Requisite amount shall be earmarked towards capital cost and recurring cost/annum for environment pollution control measures to implement the conditions stipulated by the Ministry of Environment and Forest as well as the State Government. An implementation schedule for implementing all the conditions stipulated herein shall be submitted to the Regional Office of the Ministry at Bhubaneswar. The fund so provided shall not be diverted for any other purpose.	As on date Rs. 242.330 Lakhs has been spent on EMP. Additional Rs. 5.670 Lakhs has to be expended on EMP in coming days. Recurring expenditure on EMP is about Rs.15.28 Lakhs. A detail of capital and recurring expenditure is attached as Annexure-18.
xi)	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zila Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom suggestion/representation, if any, were received while processing the proposal. The clearance letter shall also be put on the website of the company by the proponent.	Complied. Received copy of the environmental clearance to Zila Parishad Ramgarh is attached as Annexure -19. Screen shot of website regarding upload of EC is attached as Annexure - 20
xii)	The project proponent shall upload the status of compliances of the stipulated environment clearance conditions, including result of monitored data on their website and shall update the same periodically. It shall simultaneously be sent to the Regional Office of the MOEF at Bhubaneshwar, the respective zonal office of the CPCB and SPCB. The criteria pollutants levels namely, PM10, SO2, NOX (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects shall be monitored and displayed at a convenient location near the main gate of the company in the public domain.	Complied. Status of the compliance laid down in environmental clearance has been uploaded on company website. Screen shot of the same is attached as Annexure-20.
xiii)	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including result of monitored data (both in hard copy as well as by e-mail) to the regional office of the MOEF, the respective zonal office of CPCB and SPCB. The Regional Office of this Ministry at Bhubaneshwar/CPCB/SPCB shall monitor the stipulated conditions.	Complied. Six monthly compliance report as directed submitted to the concerned authority. Acknowledgement of previous compliance report is attached as Annexure-21.
xiv)	The Environmental Statement for each financial year ending 31 st March in Form – V as is mandated to be submitted by the project proponent to the concerned State Pollution	Being complied. Copy of the Environmental Statement for financial year ending 31 st March 2024 in Form – V is attached as Annexure-22.

Siskam Power & Steel Private Limited


Authorised Signatory

	Control Board as prescribed under the Environmental (Protection) Rules, 1986 as amended subsequently, shall also be put on the website of the company along with the status of the compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.	Screen shot of the website indicating upload Environmental Statement is attached as Annexure-20.
xv)	The project proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and the copies of the clearance letter are available with the SPCB and may also be seen at Website of the Ministry of Environment and Forest at http://envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local news papers that are widely circulated in the region of which one shall be in the vernacular language of the locality concerned and a copy of the same should be forwarded to the Regional Office at Bhubaneswar.	Complied. Copy of the News Paper Advertisement regarding grant of EC is attached as Annexure-23.
xvi)	Project authorities 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 and the date of commencing the land development work.	Since the company has not taken any loan for the plant. Thus, provision of financial closure and final approval of the project is not applicable.

Siddram Power & Steel Private Limited


Authorised Signatory

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ETS-LAB

**TEST REPORT**

TEST REPORT NO.: ETS/1023/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 09.02.2024 To 10.02.2024
 Time Of Monitoring : 10.50 AM To 10.50 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1023
 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	98.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	54.1	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	15.6	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	38.3	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	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
ETS-LAB

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
IND HUMRAJ
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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TEST REPORT

TEST REPORT NO.: ETS/1023/02/2024

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	1.20	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*****



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY 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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Amntr-wr-1 Series

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TEST REPORT

TEST REPORT NO.: ETS/1022/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 09.02.2024 To 10.02.2024
 Time Of Monitoring : 11.20 AM To 11.20 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1022
 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	97.8	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	56.2	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	14.1	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	43.0	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	15.0	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 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/1022/02/2024

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	1.10	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*****



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

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TEST REPORT

TEST REPORT NO.: ETS/1021/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 08.02.2024 To 09.02.2024
 Time Of Monitoring : 10.12 AM To 10.12 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1021
 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	91.7	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	48.4	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	16.8	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	45.1	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	17.0	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

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TEST REPORT

TEST REPORT NO.: ETS/1021/02/2024

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	0.81	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

For ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 PURNIMA SINGH
 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-1 Series

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TEST REPORT

TEST REPORT NO.: ETS/1020/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT AIR MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 08.02.2024 To 09.02.2024
 Time Of Monitoring : 10.40 AM To 10.40 AM (CO & O₃ for 1.0 Hrs.)
 Sample ID No : 1020
 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	95.2	For 24 Hrs.=100	IS 5182 (Part-23)
2	Particulate Matters,(PM _{2.5})	µg/m ³	54.7	For 24 Hrs.=60	IS 5182 (Part-24)
3	Sulphur Dioxide, (SO ₂)	µg/m ³	18.1	For 24 Hrs.=80	IS: 5182 (Part-2)
4	Nitrogen Dioxide,(NO ₂)	µg/m ³	42.4	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	16.0	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
MO. SINGH
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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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/1020/02/2024

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	0.77	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

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 01.04.20

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.



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

TEST REPORT

TEST REPORT NO: ETS/1034/02/2024

DATE OF REPORT: 15.02.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 825316

Date Of Sampling : 08.02.2024

Analysis Start Date : 12.02.2024

Analysis End Date : 14.02.2024

Duration Of Sampling : 60.0MIN

Sample ID No. : 1034

Sampling Done By : ETS STAFF

Sampling Method : ETS/STP/ STACK-01

Stack Attached To : STACK-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° C

Flue Gas Temperature : 148.0° C

Velocity Of Flue Gases : 7.49 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	115.6	600	IS-11255 (Part-2)
3	Carbon Monoxide,(CO)	%v/v	0.82	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.
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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, Ghazlabad (U.P.) - 201001

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

TEST REPORT

TEST REPORT NO: ETS/1035/02/2024

DATE OF REPORT: 15.02.2024

STACK EMISSION MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST-RAMGARH,
JHARKHAND 825316

Date Of Sampling : 08.02.2024

Analysis Start Date : 12.02.2024

Analysis End Date : 14.02.2024

Duration Of Sampling : 60.0MIN

Sample ID No. : 1035

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 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 : 152.0^o C

Velocity Of Flue Gases : 7.78 MTR./SEC.

S. No.	Test Parameter	Unit	Result	Specification/Limit (As per CPCB)	Test Method
1	Particulate Matters,(PM)	mg/Nm ³	28.3	30	IS-11255 (Part-1)
2	Sulphur Dioxide,(SO ₂)	mg/Nm ³	118.7	600	IS-11255 (Part-2)
3	Carbon Monoxide,(CO)	%v/v	0.80	1	IS: 13270

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



ENVIRO-TECH SERVICES

 AUTHORIZED SIGNATORY RAJ
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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4. Our liability is limited to invoice value only.
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ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

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email : etslab2012@gmail.com | Website : www.etslab.in | Ph. 9911516076, 9911736063



TEST REPORT

TEST REPORT NO: ETS/1024/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
APA SARUBERA ROAD, NAYAMORE, P.O KLUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 08.02.2024 To 09.02.2024
 Time Of Monitoring : 10:12 AM To 10:12 AM
 Sample ID No : 1024
 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	437.0	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

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.
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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.
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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, Ghazlabad (U.P.) - 201001

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



TEST REPORT

TEST REPORT NO : ETS/1025/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 08.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 08.02.2024 To 09.02.2024
 Time Of Monitoring : 10:10 AM To 10:10 AM
 Sample ID No : 1025
 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	480.0	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

Note:-

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2. The results indicated only refer to the tested samples and listed applicable parameters.
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4. Our liability is limited to Invoice value only.
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Annexure-3 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

ETS-LAB



TEST REPORT

TEST REPORT NO : ETS/1026/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024
 Analysis Start Date : 12.02.2024
 Analysis End Date : 15.02.2024
 Duration Of Monitoring : 09.02.2024 To 10.02.2024
 Time Of Monitoring : 10:16 AM To 10:16 AM
 Sample ID No : 1026
 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	493.0	For 24 Hrs.=600	IS: 5182 (Part-4)



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY

Quality Manager

Formal No ETS/LAB/TR-01, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2020

Note:-

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2. The results indicated only refer to the tested samples and listed applicable parameters.
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TEST REPORT

TEST REPORT NO : ETS/1027/02/2024

DATE OF REPORT: 15.02.2024

FUGITIVE AIR QUALITY MONITORING AND ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Monitoring : 09.02.2024
Analysis Start Date : 12.02.2024
Analysis End Date : 15.02.2024
Duration Of Monitoring : 09.02.2024 To 10.02.2024
Time Of Monitoring : 10:50 AM To 10:50 AM
Sample ID No : 1027
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	487.0	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 01.04.2020

Note:-

1. Test reports without ETS LAB HOLOGRAM are not issued by our laboratory.
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4. Our liability is limited to invoice value only.
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- Annexure-4

SHRIRAM POWER AND STEEL PVT. LTD.
 ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH, Country : INDIA
Purchase Order(Approved)

Details of Supplier

SITSON INDIA PRIVATE LIMITED (CSI02)
 W-76, MIDC PHASE II,, DOMBIVLI EAST, THANE,, MAHARASHTRA, 421204 - :
 421204,, INDIA
 State Name : MAHARASHTRA State Code : 27
 GSTIN : 27AADCS9489D1ZW
 PAN No. : AADCS9489D
 Contact Detail : SITSON INDIA PRIVATE LIMITED,

Order No. : OA220-00012 Date : 26-10-2022
 Amend No. : 0 Date : 26-10-2022
 Party Ref. No. : SI/BD-GEN/2022-23/172COM R-0
 Party Ref. Date : 21-10-2022

Shipping Address

SHRIRAM POWER & STEEL PVT. LTD.
 ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH -
 825316,, RAMGARH, INDIA
 State Name : JHARKHAND State Code : 20
 GSTIN : 20AAFCS1323N1ZM
 PAN No. : AAFCS1323N
 Contact Detail : Email : shrirampower12345@rediffmail.com

Billing To Address

SHRIRAM POWER & STEEL PVT. LTD.
 ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316,, RAMGARH,
 Country : INDIA
 State Name : JHARKHAND State Code : 20
 GSTIN : 20AAFCS1323N1ZM
 PAN No. : AAFCS1323N CIN No. :
 Contact Detail : Email : shrirampower12345@rediffmail.com

Sr. No.	Description of Goods	Order Qty	Unit	Rate (per unit) (INR) Discount	Net. Value / Tax on Amount (INR)	SGST		IGST		CESS	
						Rate	Amt.	Rate	Amt.	Rate	Amt.
1	WHRB BOILER 10.5 TPH, 87KG/CM2, 520 DEG C FOR 100 TPD SPONGE IRON KILN EXHAUST GAS APPLICATION (M20030093) HSN/SAC No. : 84021200	3.000	SET	5,14,00,000.00 ##### ##### (Unit Price)	10,87,50,000.00 10,87,50,000.00			18.00	1,95,75,000.00	0.00	
Total :		3.000			10,87,50,000.00				1,95,75,000.00		

Amount of Tax subject to Reverse Charges (Y / N) IGST 1,95,75,000.00
 Total Tax Value (In Word) Rs - One Crore Ninety Five Lakhs Seventy Five Thousand Only . Total GST Value (INR) 1,95,75,000.00
 Total Order Value (In Word) Rs - Twelve Crores Eighty Three Lakhs Twenty Five Thousand Only . Total Order Value (INR) 12,83,25,000.00

Terms & Conditions :
PAYMENT TERMS : 10% along with order.
 10% on submission of G.A, P.I diagram & load data Drawing.
 10% on order proof major components.
 65% with GST agaisnt P.I on pro rate basis prior to dispatch.
 5% AGAISNT SAFETY VALVE FLOATING.
FREIGHT : F.O.R Site
DELIVERY TERMS : 28-36 weeks from the date of advance payment.
PAYMENT : No price escalation will be accepted under any circumstances
INSPECTION : The equipment should be dispatch after inspection by our Team on receipt of readiness of Equipment

 Contact Person:
 Technical : Mr Amitav Dutta (Cont:9334714567)
 Commercial : Mr Dipesh Rai (Cont:9748731545)
LD CLAUSE : Any delay beyond committed time period will attract penalty clause @0.5% per week to a maximum 5% on basic order value.
NOTES : The complete equipment will be under warranty 18 months from the date of commissioning and 24 months from the date of dispatch whichever is earlier.

 The complete/ equipment require replacement under warranty period shall be done free of cost within 15 days from the date of reporting.
 During the warranty period sitson india pvt ltd will depute their service enginner free of cost, However Boarding and Lodging of enginner will be in our scope throughout warranty period.
PACKING CHARGES : Included
INSURANCE : In scope of "sitson india private limited."
OTH. REMARK : Supervision for erection and commissioning of the equipment in scope "sitson india pvt ltd" upto 180 days free of cost at our plant. However local convenience, Boarding and Lodging of enginner will be in our scope.
REMARK 1 : Technical terms and conditions and scope of Supply as per annexure attached. (As per our letter order)
REMARK 2 : All disputes are subject to Indian Laws and are covered by Ramgarh (India) Jurisdiction

Shriram Power & Steel Private Limited

Authorised Signatory



SHRIRAM POWER AND STEEL PVT. LTD.
ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH, Country : INDIA
Purchase Order (Approved)

Annexure-5

Details of Supplier SIEMENS LIMITED (CSI01) PO MANEJA, OPP. MAKARPURA RAILWAY STATIO, MANEJA, VADODARA, VADODARA, GUJARAT, - 390013, INDIA	Order No. : OA22N-00005	Date : 09-11-2022
	Amend No. : 0	Date : 09-11-2022
	Party Ref. No. : QUOTATION MAIL	
	Party Ref. Date : 10-10-2022	
	Name : GUJARAT	State Code : 24
GSTIN : 24AAACS0764L1ZC		
PAN No. : AAACS0764L		
Contact Detail :		

Shipping Address SHRIRAM POWER & STEEL PVT. LTD. ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH, INDIA	Billing To Address SHRIRAM POWER & STEEL PVT. LTD. ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH, Country : INDIA	
	State Name : JHARKHAND	State Code : 20
	GSTIN : 20AAFCS1323N1ZM	
	PAN No. : AAFCS1323N	CIN No. :
	Contact Detail : Email : shrirampower12345@rediffmail.com	Contact Detail : Email : shrirampower12345@rediffmail.com

Sr. No.	Description of Goods	Order Qty	Unit	Rate (per unit) (INR)	Mat. Value / Tax on Amount (INR)	SGST		IGST		CESS	
						Rate	Amnt.	Rate	Amnt.	Rate	Amnt.
1	TURBINE 12 MW GENERATOR SET TOP EXHAUST, SUITABLE FOR ACC AND ITS AUXILIARIES (P01010002) HSN/SAC No. : 8406	1.000	SET	9,15,00,000.00 1,34,00,000.00 (Unit Price)	7,81,00,000.00 7,81,00,000.00			18.00	1,40,58,000.00	0.00	
Total :		1.000			7,81,00,000.00				1,40,58,000.00		

Amount of Tax subject to Reverse Charges (Y / N) IGST 1,40,58,000.00

Total Tax Value (In Word)	Rs - One Crore Forty Lakhs Fifty Eight Thousand Only .	Total GST Value (INR)	1,40,58,000.00
Total Order Value (In Word)	Rs - Nine Crores Twenty One Lakhs Fifty Eight Thousand Only .	Total Order Value (INR)	9,21,58,000.00

Terms & Conditions :

PAYMENT TERMS : 10% along with order.
10% within 15 days after submission of GA Drawing & Layout drawing
10% payment will be released against order proof of Generator & gear box
10% payment will be released against order proof of Rotor Forging
60% with GST at the time of dispatch of equipment on submission of 10% PBG on basic contract value valid till warranty period.

FREIGHT : F.O.R Site

DELIVERY TERMS : 12 months from the date of advance payment.

PAYMENT : No price escalation will be accepted under any circumstances

INSPECTION : The equipment should be dispatch after inspection by our Team on receipt of readiness of Equipment

Contact Person:
Technical : Mr Amitav Dutta (Cont:9334714567)
Commercial : Mr Dipesh Rai (Cont:9748731545)

LD CLAUSE : Any delay beyond committed time period will attract penalty clause @0.1% per week to a maximum 5% on basic order value.
NOTES : The turbine will be under warranty 18 months from the date of commissioning and 24 months from the date of dispatch whichever is earlier.
Balance item will be under warranty 12 months from the date of commissioning and 18 months from the date of dispatch whichever is earlier.

The defective equipment require replacement under warranty period shall be done free of cost within 15 days from the date of reporting.

During the warranty period Siemens will depute their service engineer free of cost, However Boarding and Lodging of engineer will be in our scope throughout warranty period.

PACKING CHARGES : Included

INSURANCE : In scope of "SIEMENS Ltd"

OTH. REMARK : Supervision for erection and commissioning of the equipment in scope "Siemens Ltd" upto 120 days free of cost at our plant. However local convenience, Boarding and Lodging of engineer will be in our scope.

REMARK 1 : Technical terms and conditions and scope of Supply as per annexure attached.

REMARK 2 : All disputes are subject to Indian Laws and are covered by Ranchi (India) Jurisdiction

Shriram Power & Steel Private Limited

Authorised Signatory



SHRIRAM POWER AND STEEL PVT. LTD.

ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH, Country : INDIA

Purchase Order (Approved)

Page: 2 of 2

Details of Supplier

SIEMENS LIMITED (CSI01)

PO MANEJA, OPP. MAKARPURA RAILWAY STATIO, MANEJA, VADODARA,
VADODARA, GUJARAT, - 390013, INDIA

Name : GUJARAT State Code : 24
GSTIN : 24AAACS0764L12C
PAN No. : AAACS0764L
Contact Detail :

Order No. : OA22N-00005

Date :

Amend No. : 0

Date : 09-11-2022

Party Ref. No. : QUATION MAIL

Party Ref. Date : 10-10-2022

Shipping Address

SHRIRAM POWER & STEEL PVT. LTD.

ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH -
825316, RAMGARH, INDIA

State Name : JHARKHAND State Code : 20
GSTIN : 20AAFCS1323N12M
PAN No. : AAFCS1323N
Contact Detail : Email : shrirampower12345@rediffmail.com

Billing To Address

SHRIRAM POWER & STEEL PVT. LTD.

ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH,
Country : INDIA

State Name : JHARKHAND State Code : 20
GSTIN : 20AAFCS1323N12M
PAN No. : AAFCS1323N CIN No. :
Contact Detail : Email : shrirampower12345@rediffmail.com

DIPESH RAI

MANAGEMENT

For SHRIRAM POWER AND STEEL PVT. LTD.

Prepared By

Approved By

Authorised Signatory

Shriram Power & Steel Private Limited


Authorised Signatory



सत्यमेव जयते

Annexure 6

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

No. MD/DVRR/W-6(145)/2022/ 749-54

Date: 20.12.2022

To,

The Director,
Shriram Power & Steel Pvt. Ltd.,
Adarsh Colony, Behind Ashok Cinema,
Ranchi Road, Ramgarh - 829117

Sub :- Concurrence for drawl of 0.27 MGD (1245 m³per day) raw water from River Bokaro (a tributary to River Damodar) :- reg.

Ref: (1) Your application No. SRPSPL/19-20/026
(2) GoJ letter No.- 1/PMC/MISC/939/2019/529
(3) DVRRC letter No.- MD/DVRR/W-6/145/2022/718-37

dt. 29.08.2019

dt. 15.06.2022

dt. 16.12.2022

Sir,

Please refer the letter under reference (i) vide which request was made for allocation of 0.27 MGD (1245 m³per day) of raw water from River Bokaro (a tributary River of Damodar) at village Sarubera, Churchu, Ramgarh for your project Shriram Power & Steel Private Limited, 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 DVRRC, 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 DVRRC meeting has already been circulated to the concerned officials vide letter under reference (iii). The concurrence of DVRRC for allocation of 0.27 MGD (1245 m³per day) of raw water is hereby conveyed for drawal from River Bokaro (a tributary river of Damodar). The allocation is subject to the following conditions :

- 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.
- 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.
- The sourcing point and concurrence of water drawl 0.27 MGD (1245 m³per day) is 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 an 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.

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.

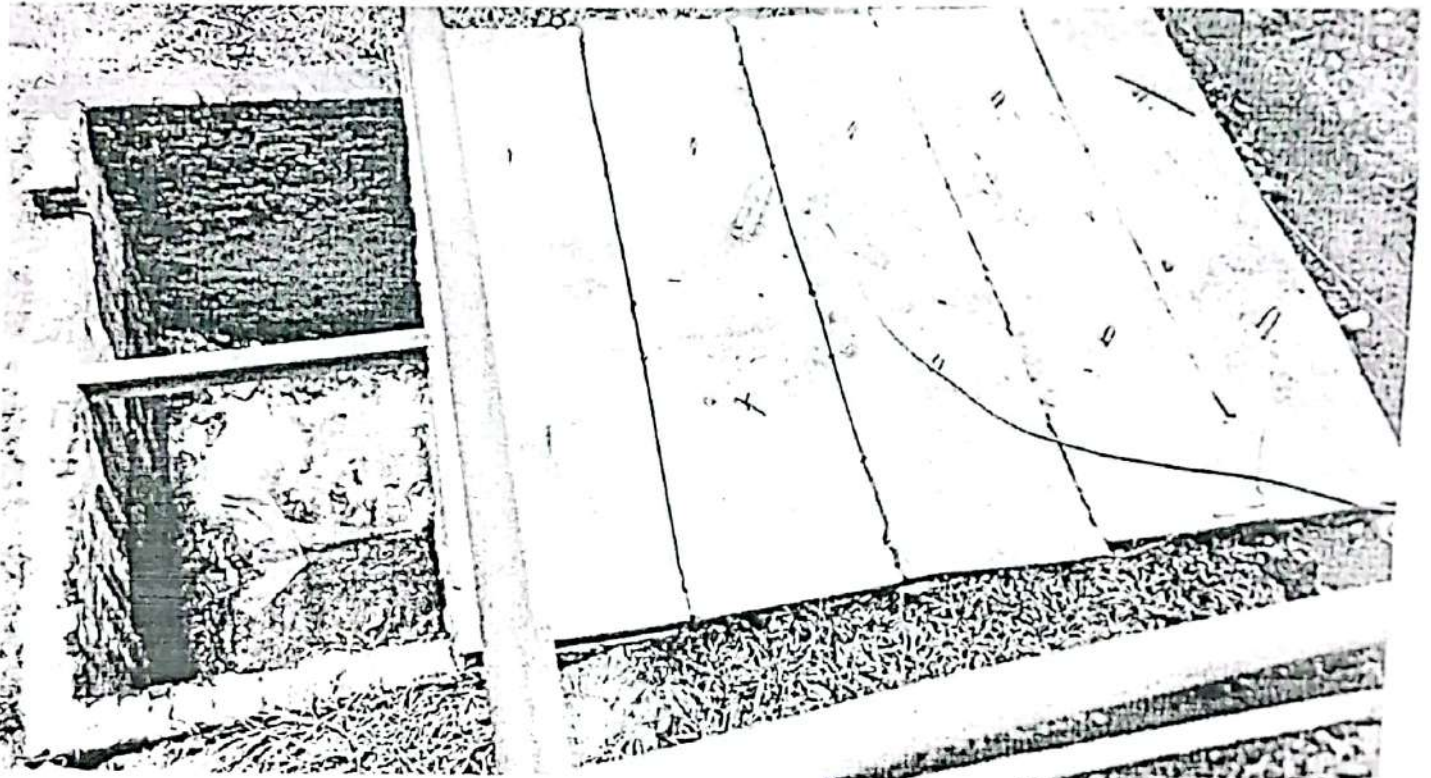
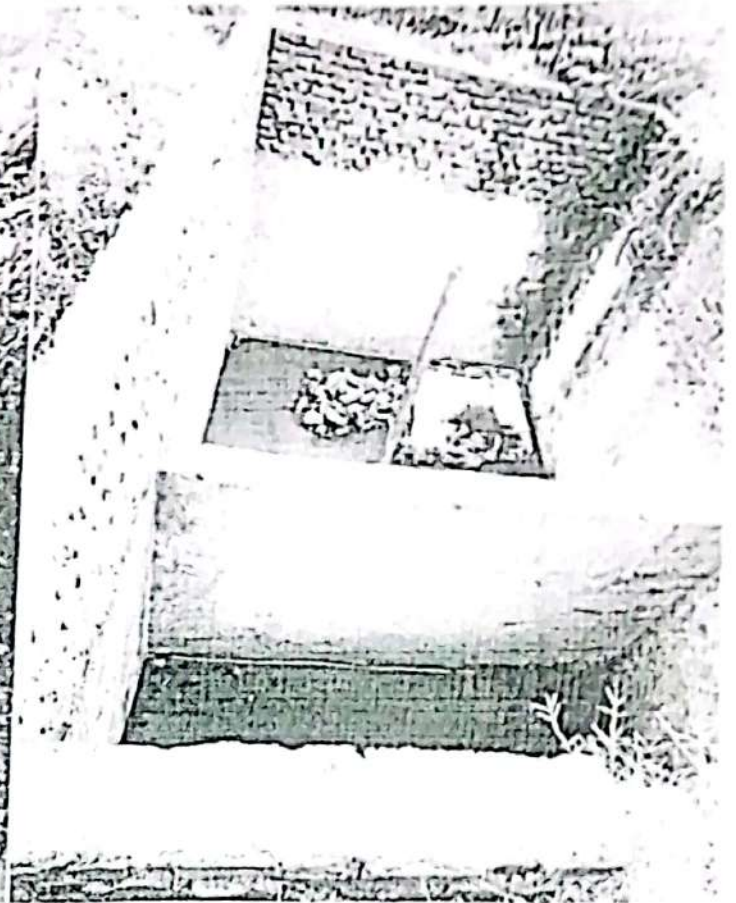
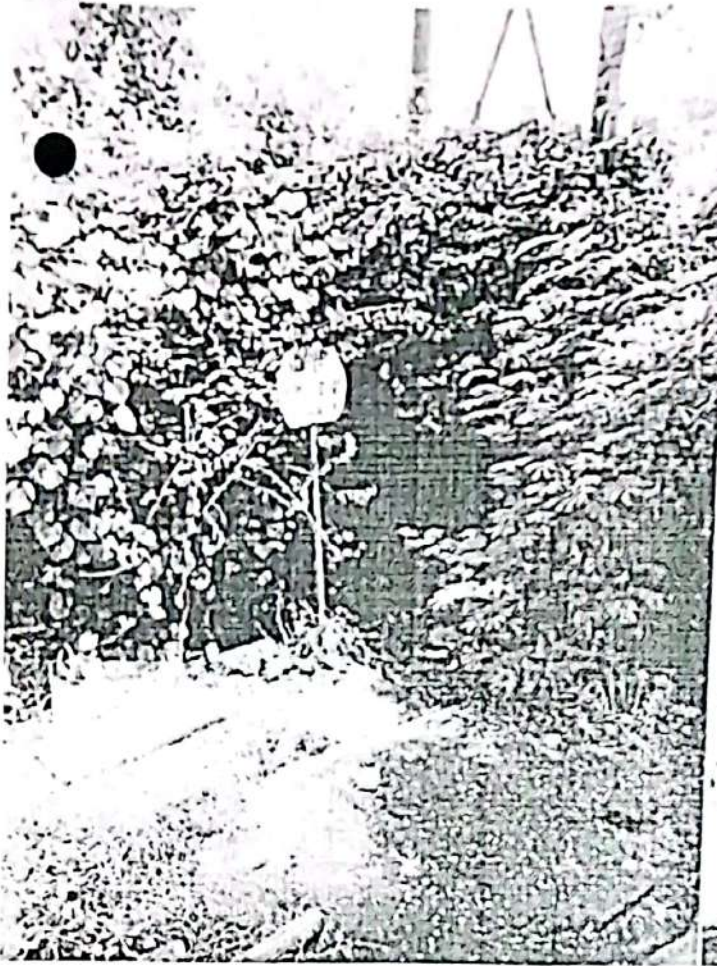
एरिया नंबर 2
मैथन डैम - ८२८२०७
दूरभाष: ०६५४०-२७४२१४ ,
ई-मेल: sehocmaithon-cwc@gov.in
♦जल संरक्षण-सुरक्षित भविष्य♦



Area No 2,
Maithon Dam-828207
Tel: 06540-274214
E-mail: sehocmaithon-cwc@gov.in

♦Conserve Water- Save Life♦

RAIN WATER HARVESTING



Shriram Power & Steel Private Limited

AS
Authorised Signatory



ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

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

email : etslab2012@gmail.com | Website : www.etslab.in | Ph. 9911516076, 9811730063



TEST REPORT

TEST REPORT NO.: ETS/1028/02/2024

DATE OF REPORT: 15.02.2024

WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST - RAMGARH,
JHARKHAND 829122

Date of Sampling : 05.02.2024
Analysis Start Date : 08.02.2024
Analysis End Date : 12.02.2024
Sample ID No : 1028
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	—	7.60	6.5 - 8.5	No Relaxation	APHA 4500-H+
3	Total Dissolved Solids,(TDS)	mg/L	542.2	500	2000	APHA 2540-C
4	Total Hardness,(CaCO ₃)	mg/L	180.4	200	600	APHA 2340-C
5	Chloride,(Cl)	mg/L	96.3	250	1000	APHA 4500:(Cl)-B
6	Sulphate,(SO ₄)	mg/L	45.1	200	400	APHA 4500:(SO ₄)-E
7	Turbidity	NTU	<1.0	1	5	APHA 2130-B
8	Nitrate,(NO ₃)	mg/L	1.27	45	No Relaxation	APHA 4500:(NO ₃)-B
9	Fluoride,(F)	mg/L	0.47	1	1.5	APHA 4500:(F)-D
10	Calcium,(Ca)	mg/L	57.1	75	200	APHA 3500:(Ca)-B
11	Magnesium,(Mg)	mg/L	9.0	30	100	APHA 3500:(Mg)-B
12	Conductivity	µs/cm	797.0	Not Specified	Not Specified	APHA 2510-B



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

Notes:-

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.



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/1028/02/2024

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 _{5@27°C})	mg/L	<2.0	Not Specified	Not Specified	IS: 3025 (Part-44)
Heavy Metal Parameters: -						
16	Iron,(Fe)	mg/L	0.24	1.0	No Relaxation	APHA-3120B
17	Manganese,(Mn)	mg/L	<0.01	0.1	0.3	APHA-3120B
18	Sodium,(Na)	mg/L	51.3	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*****



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
V. D. THUMRAJ
Quality Manager

Format No ETS/LAB/TR-09, 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.
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7 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, Ghazlabad (U.P.) - 201001

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



TEST REPORT

TEST REPORT NO: ETS/1036/02/2024

DATE OF REPORT: 15.02.2024

WASTE WATER SAMPLE ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Sampling : 08.02.2024

Analysis Start Date : 12.02.2024

Analysis End Date : 14.02.2024

Sample ID No : 1036

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	...	7.15	6.0 - 9.0	6.0 - 9.0	APHA - 4500-H*
2.	Total Suspended Solids (TSS)	mg/L	48.7	100	600	APHA - 2540-D
3.	Oil & Grease (O & G)	mg/L	5.10	10	20	APHA - 5520-C

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



For ENVIRO-TECH SERVICES

AUTHORIZED SIGNATORY
Quality Manager

Format no ETS /LAB/TR-10 Issue No 04 dt01/06/2016 Rev No 09 dt 01/06/2016

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.
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Annexure-8 Series

ENVIRO-TECH SERVICES

An Analytical Laboratory



(A GOVERNMENT APPROVED LAB)

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

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

ETS-LAB

TEST REPORT

TEST REPORT NO ETS/1029/02/2024

DATE OF REPORT: 15.02.2024

SAMPLE ANALYSIS REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST RAMGARH,
JHARKHAND 829122

Date of Sampling : 05.02.2024

Analysis Start Date : 08.02.2024

Analysis End Date : 10.02.2024

Sample ID No : 1029

Sampling Done By : ETS STAFF

Sample Description : LECHATE

Sampling Method : ETS/STP/WATER-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	1.85
2	Cadmium (Cd)	1.0	0.95
3	Chromium (Cr)	5.0	2.40
4	Lead (Pb)	5.0	2.30
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*****



For ENVIRO-TECH SERVICES
 AUTHORIZED SIGNATORY
 PURNIMA SINGH
 Quality Manager

Format No ETS/LAB/TR-10, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 04.04.2019

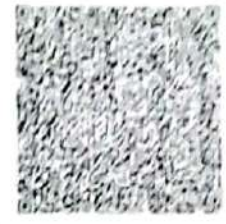
Note:-

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Annexure-9



SHRIRAM POWER & STEEL PVT. LTD.



SALE INVOICE

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

TRIPLICATE FOR SUPPLIER

Details of Supplier Name : SHRIRAM POWER & STEEL PVT. LTD. Address : ARA SARUBERA ROAD,NAYA MORE KUJU,RAMGARH - 825316,RAMGARH State Name : JHARKHAND State Code : 20 Country : INDIA GSTIN : 20AAFCS1323N1ZM PAN No. : AAFCS1323N CIN No. : Contact Detail : Email : shrirampower12345@rediffmail.com		Order No. : DR23007-003 Order Date : 07-10-2023 Party Ref No. : CHARCOAL FINES Party Ref Dt. : 03-SEP-2023		Serial No. Invoice : SD23Y-01765 Date of Invoice : 07-10-2023 E-Way Bill Number : E-Way Bill Date : Preparation Time : Removal Time :	
Details of Recipient (Billed to) BINDAL TRADERS SHANKARPURA, LAKHERI, BUNDI,BUNDI - 323613,LAKHERI,INDIA State Name : RAJASTHAN State Code : B GSTIN : 08AQWPA8787G1Z2 PAN No. : AQWPA8787G Contact Detail :		Details of Consignee (Shipped to) BINDAL TRADERS SHANKARPURA, LAKHERI, BUNDI,BUNDI - 323613,LAKHERI,INDIA State Name : RAJASTHAN State Code : B GSTIN : 08AQWPA8787G1Z2 PAN No. : AQWPA8787G Contact Detail : Place of Supply: RAJASTHAN		Transporter Details Name : SELF LR No. : LR Date : Vehicle No. : RJ32GB6023 Mode : Wslip No. : 15070231452 From Place : NAYA MORE KUJU To Place : RAJASTHAN	

IRN No. : ddbb7cb81572401f02e461c1dc0c633076a763bf13a250285f3bd391fbb3461c IRN Dt. : 07-10-2023

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.
1	DOLOCHAR FINES	261900	39.340	MT	100.00	3,934.00		3,934.000					18	708.12	0	0.00
Total :			39.340			3,934.00		3,934.00					708.12		0.00	

Currency Code : INR Exchange Rate : 1 Amount of Tax subject to Reverse Charges (Y / N) Freight Basis : EX-FACTORY GST TAXABLE VALUE 3,934.00 IGST 708.12

Total Tax Value (In Word) Rs - Seven Hundred Eight And Paise Twelve Only . Total GST Value (INR) 708.12
Total Invoice Value (In Word) Rs - Four Thousand Six Hundred Forty Two Only . Total Invoice Value (INR) 4,642.00

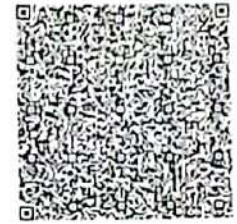
Terms & Conditions Approval Remark : OK	For SHRIRAM POWER & STEEL PVT. LTD. Authorised Signatory
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Shriram Power & Steel Private Limited

 Authorised Signatory

SHRIRAM POWER & STEEL PVT. LTD.

Annexure-9 Series



SALE INVOICE

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

TRIPLICATE FOR SUPPLIER

Details of Supplier Name : SHRIRAM POWER & STEEL PVT. LTD. Address : ARA SARUBERA ROAD,NAYA MORE KUJU,RAMGARH - 825316,RAMGARH State Name : JHARKHAND State Code : 20 Country : INDIA GSTIN : 20AAFCS1323N1ZM PAN No. : AAFCS1323N CIN No. : Contact Detail : Email : shrirampower12345@rediffmail.com		Order No. : DR23N04-001 Order Date : 04-11-2023 Party Ref No. : CHARCOAL LUMPS Party Ref Dt. : 03-NOV-2023		Serial No. Invoice : SD23Y-02096 Date of Invoice : 04-11-2023 E-Way Bill Number : E-Way Bill Date : Preparation Time : Removal Time :	
Details of Recipient (Billed to) PRINSHU CHOUHAN MUKRU, JARWA,MUKRU,CHARHI - 829103,INDIA State Name : JHARKHAND State Code : 20 GSTIN : 20BKUPC9703R1ZM PAN No. : BKUPC9703R Contact Detail :		Details of Consignee (Shipped to) PRINSHU CHOUHAN MUKRU, JARWA,MUKRU,CHARHI - 829103,INDIA State Name : JHARKHAND State Code : 20 GSTIN : 20BKUPC9703R1ZM PAN No. : BKUPC9703R Contact Detail : Place of Supply: HAZARIBAGH		Transporter Details Name : SELF LR No. : LR Date : Vehicle No. : JH02AK2592 Mode : Wslip No. : 1504N231139 From Place : NAYA MORE KUJU To Place : HAZARIBAGH	

IRN No. : **bdfbde851438cc478693a1bc32cc0e72aded14e217eb4e322cf04e3599baf6b1** IRN Dt. : **04-11-2023**

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	AmL	Rate %	AmL	Rate %	AmL	Rate %	AmL
1	DOLOCHAR LUMPS	261900	12.480	MT	100.00	1,248.00		1,248.000	9	112.32	9	112.32			0	0.00
Total :			12.480			1,248.00		1,248.00		112.32		112.32				0.00

Currency Code : **INR** Exchange Rate : **1** Amount of Tax subject to Reverse Charges (Y / N)
 Freight Basis : **EX-FACTORY**
 GST TAXABLE VALUE : **1,248.00**
 SGST : **112.32**
 CGST : **112.32**
 ROUND OFF : **0.36**

Total Tax Value (In Word) : **Rs - Two Hundred Twenty Four And Paise Sixty Four Only .** Total GST Value (INR) : **224.64**
 Total Invoice Value (In Word) : **Rs - One Thousand Four Hundred Seventy Three Only .** Total Invoice Value (INR) : **1,473.00**

Terms & Conditions Approval Remark : OK Page : 1 of 1	For SHRIRAM POWER & STEEL PVT. LTD. Authorised Signatory
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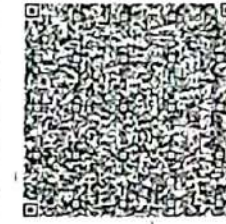
Shriram Power & Steel Private Limited

Authorised Signatory

Annexure-9 Series



SHRIRAM POWER & STEEL PVT. LTD.



SALE INVOICE

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

TRIPLICATE FOR SUPPLIER

Details of Supplier		Order No. : DR23D05-005	Serial No. Invoice : SD23Y-02547
Name : SHRIRAM POWER & STEEL PVT. LTD.		Order Date : 05-12-2023	Date of Invoice : 05-12-2023
Address : ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH		Party Ref No. : CHARCOAL FINES	E-Way Bill Number :
State Name : JHARKHAND State Code : 20 Country : INDIA		Party Ref Dt. : 05-DEC-2023	E-Way Bill Date :
GSTIN : 20AAFCS1323N1ZM			Preparation Time :
PAN No. : AAFCS1323N CIN No. :			Removal Time :
Contact Detail : Email : shrirampower12345@rediffmail.com			

Details of Recipient (Billed to)		Details of Consignee (Shipped to)		Transporter Details	
BINDAL TRADERS		BINDAL TRADERS		Name : SELF	
SHANKARPURA, LAKHERI, BUNDI, BUNDI - 323613, LAKHERI, INDIA		SHANKARPURA, LAKHERI, BUNDI, BUNDI - 323613, LAKHERI, INDIA		LR No. : LR Date :	
State Name : RAJASTHAN State Code : 8		State Name : RAJASTHAN State Code : 8		Vehide No. : RJ28GA3041 Mode :	
GSTIN : 08AQWPA8787G1Z2		GSTIN : 08AQWPA8787G1Z2		Wslip No. : 1S05D231514	
PAN No. : AQWPA8787G		PAN No. : AQWPA8787G		From Place : NAYA MORE KUJU	
Contact Detail :		Contact Detail :		To Place : RAJASTHAN	
		Place of Supply: RAJASTHAN			

IRN No. : 8370b2399c5f33d73d448f620d056bee7991a0408fd8a98585dcbaf130cc4db IRN Dt. : 05-12-2023

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.
1	DOLOCHAR FINES	261900	29.640	MT	100.00	2,964.00		2,964.000					18	533.52	0	0.00
Total :			29.640			2,964.00		2,964.00						533.52		0.00

Currency Code : INR Exchange Rate : 1	Freight Basis : EX-FACTORY	GST TAXABLE VALUE	2,964.00
Amount of Tax subject to Reverse Charges (Y / N)		IGST	533.52
		ROUND OFF	0.48

Total Tax Value (In Word)	Rs - Five Hundred Thirty Three And Paise Fifty Two Only .	Total GST Value (INR)	533.52
Total Invoice Value (In Word)	Rs - Three Thousand Four Hundred Ninety Eight Only .	Total Invoice Value (INR)	3,498.00

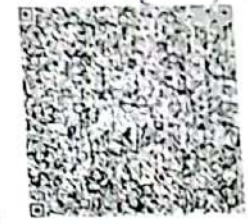
Terms & Conditions		For SHRIRAM POWER & STEEL PVT. LTD.
Page: 1 of 1		Authorized Signatory

Shriram Power & Steel Private Limited

Authorized Signatory

SHRIRA POWER & STEEL PVT. LTD.

APR-2024-9 Series



SALE INVOICE

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

TRIPLICATE FOR SUPPLIER

Details of Supplier

Name : **SHRIRAM POWER & STEEL PVT. LTD.**
 Address : ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH
 State Name : JHARKHAND State Code : 20 Country : INDIA
 GSTIN : **20AAFCS1323N1ZM**
 PAN No. : AAFCS1323N CIN No. :
 Contact Detail : Email : shnrampower12345@rediffmail.com

Order No. : DR23104-010
 Order Date : 04-01-2024
 Party Ref No. : OLD CHARCOAL MIX
 Party Ref Dt. : 04-JAN-2024

Serial No. Invoice : **SD23Y-02885**
 Date of Invoice : **05-01-2024**
 E-Way Bill Number :
 E-Way Bill Date :
 Preparation Time :
 Removal Time :

Details of Recipient (Billed to)

OM NARAYAN ENTERPRISES
 0, MAHESHRA, DARU, KAWALU, DARU - 825313, HAZARIBAG, INDIA
 State Name : JHARKHAND State Code : 20
 GSTIN : **20ACTPY2399B1ZA**
 PAN No. : ACTPY2399B
 Contact Detail :

Details of Consignee (Shipped to)

PRAYAN CONSTRUCTION
 4-KM-23, X, OBRA COLONY, OBRA, PANARI, SONBHADRA - 231219, INDIA
 State Name : UTTAR PRADESH State Code : 9
 GSTIN : **09CKNPP1958B1ZV**
 PAN No. : CKNPP1958B
 Contact Detail :
 Place of Supply: Uttar Pradesh

Transporter Details

Name : SELF
 LR No. : LR Date :
 Vehicle No. : **JH02BM2998** Mode :
 Wslip No. : 1S051241421
 From Place : NAYA MORE KUJU
 To Place : Uttar Pradesh

IRN No. : 34d936478afb14c34bd5abbabeebe874fe91fc15af055602c6f88740030ca2da42

IRN Dt. : 05-01-2024

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.
1	DOLOCHAR LUMPS	261900	32.760	MT	100.00	3,276.00		3,276.00	9	294.84	9	294.84			0	0.00
Total:			32.760			3,276.00		3,276.00		294.84		294.84				0.00

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

Freight Basis : EX-FACTORY

GST TAXABLE VALUE	3,276.00
SGST	294.84
CGST	294.84
ROUND OFF	0.32
Total GST Value (INR)	589.68
Total Invoice Value (INR)	3,866.00

Total Tax Value (In Word) Rs - Five Hundred Eighty Nine And Paise Sixty Eight Only .
 Total Invoice Value (In Word) Rs - Three Thousand Eight Hundred Sixty Six Only .

Terms & Conditions

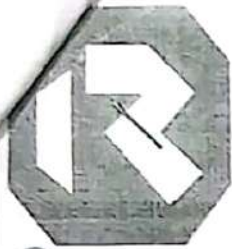
Approval Remark : ok

For SHRIRAM POWER & STEEL PVT. LTD.

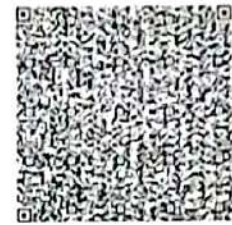
Authorised Signatory

Shriram Power & Steel Private Limited

Authorised Signatory



SHRIRAM POWER & STEEL PVT. LTD



SALE INVOICE

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

TRIPLICATE FOR SUPPLIER

Details of Supplier Name : SHRIRAM POWER & STEEL PVT. LTD. Address : ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH State Name : JHARKHAND State Code : 20 Country : INDIA GSTIN : 20AAFCS1323N1ZM PAN No. : AAFCS1323N CIN No. : Contact Detail : Email : shrirampower12345@rediffmail.com		Order No. : DR23206-010 Order Date : 06-02-2024 Party Ref No. : OLD CHARCOAL MIX Party Ref Dt. : 03-FEB-2024	Serial No. Invoice : SD23Y-03231 Date of Invoice : 06-02-2024 E-Way Bill Number : E-Way Bill Date : Preparation Time : Removal Time :
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Details of Recipient (Billed to) OM NARAYAN ENTERPRISES 0, MAHESHRA, DARU, KAWALU, DARU - 825313, HAZARIBAG, INDIA State Name : JHARKHAND State Code : 20 GSTIN : 20ACTPY2399B1ZA PAN No. : ACTPY2399B Contact Detail :	Details of Consignee (Shipped to) PRAYAN CONSTRUCTION 4-KM-23, X, OBRA COLONY, OBRA, PANARI, SONBHADRA - 231219, INDIA State Name : UTTAR PRADESH State Code : 9 GSTIN : 09CKNPP1958B1ZV PAN No. : CKNPP1958B Contact Detail : Place of Supply: Uttar Pradesh	Transporter Details Name : SELF LR No. : LR Date : Vehicle No. : JH02AJ9568 Mode : Wslip No. : 1S062241500 From Place : NAYA MORE KUJU To Place : Uttar Pradesh
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IRN No. : **a878d8dc37ad0099e75fbd8450b632b399e409f6509787e56968cbcfcb520081** IRN Dt. : **06-02-2024**

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.
1	DOLOCHAR LUMPS	261900	35.340	MT	100.00	3,534.00		3,534.00	9	318.06	9	318.06			0	0.00
Total :			35.340			3,534.00		3,534.00		318.06		318.06				0.00

Currency Code : **INR** Exchange Rate : **1** Freight Basis : **EX-FACTORY** GST TAXABLE VALUE **3,534.00**

Amount of Tax subject to Reverse Charges (Y / N) SGST **318.06**

CGST **318.06**

Total Tax Value (In Word) **Rs - Six Hundred Thirty Six And Paise Twelve Only .** Total GST Value (INR) **636.12**

Total Invoice Value (In Word) **Rs - Four Thousand One Hundred Seventy Only .** Total Invoice Value (INR) **4,170.00**

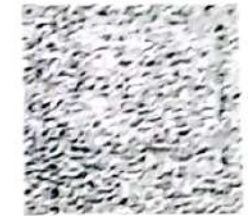
Terms & Conditions	For SHRIRAM POWER & STEEL PVT. LTD.
Page : 1 of 1	Authorised Signatory

Shriram Power & Steel Private Limited

Authorised Signatory

SHRIRAM POWER & STEEL PVT. LTD.

Annexure - 9 Series



SALE INVOICE

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

TRIPPLICATE FOR SUPPLIER

Details of Supplier		Order No. DR23304-016		Serial No. Invoice SD23Y-03656	
Name SHRIRAM POWER & STEEL PVT. LTD.		Order Date : 04-03-2024		Date of Invoice 05-03-2024	
Address ARA SARUBERA ROAD, NAYA MORE KUJU, RAMGARH - 825316, RAMGARH		Party Ref No CHARCOAL FINES		E-Way Bill Number	
State Name : JHARKHAND State Code : 20 Country : INDIA		Party Ref Dt : 29-FEB-2024		E-Way Bill Date	
GSTIN : 20AAFCS1323N1ZM				Preparation Time	
PAN No. : AAFCS1323N CIN No. :				Removal Time	
Contact Detail : Email : shrirampower12345@rediffmail.com					

Details of Recipient (Billed to) OM HANUMAN ENTERPRISES WARD NO 2, GP 40 NEAR GOLA RAOD, NIRMALA PRASAD GUPTA, RAMGARH - 829122, RAMGARH, INDIA State Name : JHARKHAND State Code : 20 GSTIN : 20ECFPS6011G1ZZ PAN No. : ECFPS6011G Contact Detail :		Details of Consignee (Shipped to) RISHAB ENTERPRISES WARD NO 6 SHANKAR PURA LAKHERI, LAKHERI - 323603, LAKHERI, INDIA State Name : RAJASTHAN State Code : 8 GSTIN : 08FSPPS2151N1ZX PAN No. : FSPPS2151N Contact Detail : Place of Supply : RAJASTHAN		Transporter Details Name : SELF LR No. : LR Date : Vehicle No. : RJ04GC8904 Mode : Wslip No. : 15053740901 From Place : NAYA MORE KUJU To Place : RAJASTHAN	
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IRN No. : cb6f027678d6e502f09b0a66557e96d19396375d3d2f4525412639b4626db87d IRN Dt. : 05-03-2024

Sr. No.	Description of Goods	HSN/SAC No.	Qty	Unit	Rate (per unit)	Amount	Discount/ Abatement	Taxable value	CGST		SGST		IGST		CESS	
									Rate %	Amt.	Rate %	Amt.	Rate %	Amt.	Rate %	Amt.
1	DOLOCHAR FINES	261900	30.100	MT	100.00	3,010.00		3,010.000	9	270.90	9	270.90			0	0.00
Total :			30.100			3,010.00		3,010.00		270.90		270.90				0.00

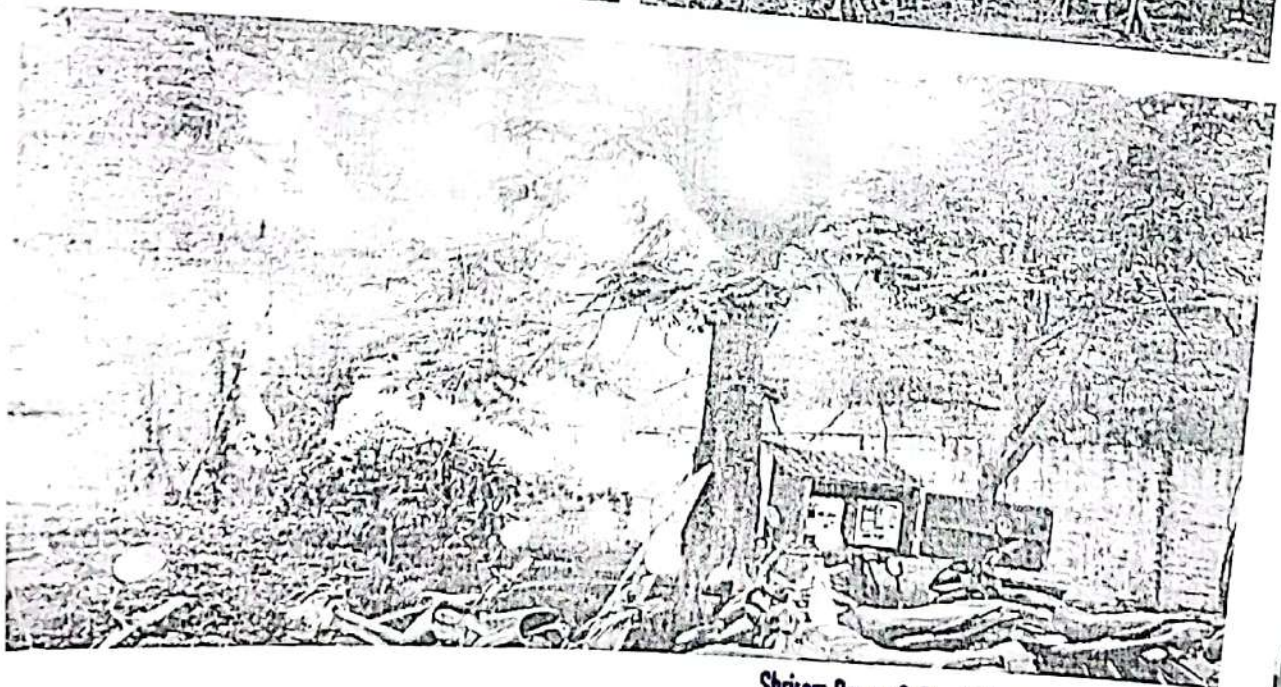
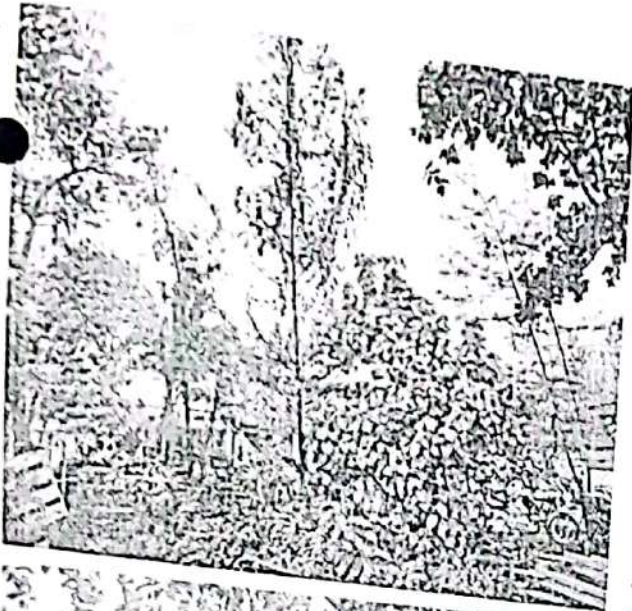
Currency Code : INR Exchange Rate : 1	Amount of Tax subject to Reverse Charges (Y / N)	Freight Basis : EX-FACTORY	GST TAXABLE VALUE	3,010.00
			SGST	270.90
			CGST	270.90
			ROUND OFF	0.00

Total Tax Value (In Word) Rs - Five Hundred Forty One And Paise Eighty Only .	Total GST Value (INR) 541.80
Total Invoice Value (In Word) Rs - Three Thousand Five Hundred Fifty Two Only .	Total Invoice Value (INR) 3,552.00

Terms & Conditions	For SHRIRAM POWER & STEEL PVT. LTD.
Page: 1 of 1	Authorised Signatory

Shriram Power & Steel Private Limited

Authorised Signatory



Shriram Power & Steel Private Limited


Authorized Signatory



SHRIRAM POWER & STEEL PRIVATE LIMITED

Annexure-11

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH- 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE-www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST.-RAMGARH, 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

LIST OF POLLUTION CONTROL EQUIPMENTS

SL NO	DESCRIPTION	CAPACITY	MOTOR (K.W.)	MOTOR (R.P.M.)	QTY
1	E.S.P - KILN - 1	700000 M ³ /HOUR	75	1000	1
2	E.S.P - KILN - 2	700000 M ³ /HOUR	75	1000	1
3.	E.S.P - KILN - 3	700000 M ³ /HOUR	75	1000	1
4	NEW PRODUCT HOUSE BAG FILTER	66000 M ³ /HOUR	132	1450	1
5	OLD PRODUCT HOUSE BAG FILTER	8000 M ³ /HOUR	18.5	1450	1
6	C.D. JUNCTION BAG FILTER	8000 M ³ /HOUR	22	1450	1
7	INTERMEDIATE BIN BAG FILTER	8000 M ³ /HOUR	15	1450	1
8	R.M.P COAL BAG FILTER	8000 M ³ /HOUR	18.5	1450	1
9	FUME EXTRACTOR SYSTEM	125000 M ³ /HOUR	132	1440	1

Shriram Power & Steel Private Limited


Authorised Signatory



SHRIRAM POWER & STEEL PRIVATE LIMITED

Annexure-12

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH - 829117 (JHARKHAND)
MAIL- shrirampower.in@gmail.com
shrirampower12345@rediffmail.com
WEBSITE- www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST - RAMGARH- 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

CORPORATE SOCIAL RESPONSIBILITY

October 2023 To March 2024				
SI NO.	Programme	Date	Expenses	Remarks
1.	Water distribution	04.12.2023 to 05.12.2023	38200.00	Drinking water supplied to nearby villagers by water tanker.
2.	Blanket Distribution	25.11.2023 to 28.11.2023	49500.00	165 nos. Blanket distributed to the Needy Villagers of Nearby Plant.
3.	Book Distribution	01.01.2024	32500.00	Books were distributed among the needy students of the nearby village on occasion of Republic Day.
	Total		120200.00	

Summary of Expenses

SI NO.	Financial Year	Amount
1.	2015-2016	20030.00
2.	2016-2017	362780.00
3.	2017-2018	487620.00
4.	2018-2019	217930.00
5.	2019-2020	814370.00
6.	2020-2021	761955.00
7.	2021-2022	1032895.00
8.	2022-2023	874440.00
9	2023-2024	278170.00
	Total	4850190.00

Shriram Power & Steel Private Limited


Authorised Signatory

Annexure 113



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-12187146/2022/313

Dated : 2022-03-21

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 2022-01-15 of Shriram Power & Steel Pvt. Ltd., Occupier Name :Vikash Santhalia 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 Environment Clearance vide Ref. No.

(i) J-11011/260/2009-I(A)II(I) dated 30.09.2010, MoEF, New Delhi;

(ii) J-11011/260/2009-I.A.II(I) dated 10.08.2021, MoEF, New Delhi.

(b)The Content of Consent to Establish(CTE) vide

(i) ref. no. N-76 dated 28.08.2010, JSPCB,Ranchi for the production of Sponge Iron - 90,000TPA; CPP-08MW; Steel Melt Shop - 60,000TPA;

(ii) ref. no. JSPCB/HO/RNC/CTE-11413068/2022/5, dated 01.01.2022 for the production of (i) MS Billets- 72000 TPA, (ii) AFBC- 6.0 MW , (iii) Sponge Iron- 30,000.0 TPA and, (iv) WHRB- 3x2 MW.

(c)The Content of Consent to Operate (CTO) vide Ref No. JSPCB/HO/RNC/CTO - 4471655/2019/1191 dated 24.06.2019 valid upto 31.03.2022 for the production of Sponge Iron - 2X100TPD.

(d)The content of Inspection Report (I/R) vide Ref No. 82 dated 08.02.2022 of Regional Office-Cum-Laboratory, JSPC Board, Hazaribagh.

(e)The content of self declaration regarding procurement of raw materials from valid sources.

(f) The content of land sale deed made on March'2004.

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 -Kuju , P S -Kuju , District -RAMGARH , as follows:

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

Expansion	2008, 2010, 2011, 2012, 2024/2873, 2024/2874, 2024/2875, 2024, 2201, 2024/2876, 2201/2877, 2201/2876, khata No-7, 88, 28, 1/193	4.96 Ha	10375 Lacs	Sponge Iron - 2X100 TPD~ 60,000 TPA [Existing]; Sponge Iron- 1X100 TPD~ 30,000 TPA, MS Billets- 72,000 TPA [In Expansion]	31/03/2023
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(A) Specific Conditions:

1. That, the occupier shall comply fugitive emission standards of 2000 g/m³ at a distance of 10 metre from raw material crusher and product handling areas etc.
2. 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.
3. 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.
4. That, the occupier shall provide software controlled interlocking facility keeping in view of on-linen 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.
5. 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.
6. 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.
7. That, the occupier shall provide shed for keeping Iron Ore properly and ensure Crushing and screening operation in shaded enclosed area.
8. 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.

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, 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.

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 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.

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

15. That, the occupier shall maintain zero trade effluent discharge.

16. That, the occupier shall operate and maintain Closed Circuit Television (CCTV) camera for monitoring of operational status of APCDs.

17. That, the occupier shall construct garland drain, toe wall and settling tanks for storage of solid wastes and raw materials separately and de-siltation of settling tanks.

18. That, the occupier shall complete the installation process and start operating the AFBC/CFBC boiler by 31.03.2023 and shall submit the report of the same by the end of 1st week of April' 2023.

19. That, this CTO supersedes the CTO granted earlier vide ref. no. JSPCB/HO/RNC/CTO-4471655/2019/1191, dated 24.06.2019.

20. That, the occupier shall operate and maintain the fume extraction system with bag filters at the plant site.

21. That, the occupier shall dispose the solid waste as per prescribed provision.

22. That, the proponent shall operate and maintain dry fog system at feeding and transfer points in iron ore

ciation plant.

23. That, the occupier shall operate and maintain the ESP, dust catcher and bag filters to keep the emission levels within the prescribed limit.

24. That, the occupier shall ensure hot gases to be passed through Dust Settling chamber and thereafter after burning chamber.

25. That, the occupier shall maintain on line stack emission monitoring system and shall ensure connectivity for transmission of data to CPCB & JSPCB server regularly;

26. That, the occupier shall obtain NOC from CGWA/SGWD for withdrawal of water from the ground water source.

27. That, the occupier shall submit compliance of CTO and EC conditions to the Board every year before 120 days of the expiry date of this CTO alongwith the recent analysis reports successively.

28. That, the occupier shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.

29. That, the occupier shall ensure continuous and uninterrupted power supply with provisions of separate energy meters for the pollution control systems to enable the pollution control systems to function uninterruptedly.

30. That, the occupier shall obtain authorization under Hazardous Waste Management Rules, 2016.

31. That, the occupier shall submit compliance of this CTO conditions every year before 120 days of the expiry date of this CTO alongwith the recent analysis reports successively.

32. That, the occupier shall submit applications for renewal of consent under section 25 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 documents showing compliance of all of the above conditions.

33. That, the occupier shall extend the Bank Guarantee vide no. 04041LG00318 and 04041LG000717 of RS 10 Lacs each (total Rs.

20 lacs) valid for the period up to 31.03.2024 and submit it to the Board by 15.03.2022 failing which CTO may be revoked, environmental compensation may be levied and Bank Guarantee may be forfeited.

(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.**

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.

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: 2022.03.21
07:41:49 +05'30'

[Y. K. Das]

Member Secretary

Memo No. : JSPCB/HO/RNC/CTO-
12187146/2022/313

Dated : 2022-03-21

Copy to: M/s Shriram Power & Steel Pvt. Ltd., Ara Sarubera Road, Naya More, Kuju, Ramgarh, (Jharkhand)-/ Director of Industries, Government of Jharkhand, Ranchi/ Deputy Commissioner, Ramgarh/ Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of Factories, Ranchi/ DFO, Ramgarh,/ DMO, Ramgarh,/ R O, JSPCB, Hazaribagh for information & ensuring compliance of the above.

Yatindra
Kumar
Das

Digitally signed
by Yatindra
Kumar Das
Date: 2022.03.21
07:41:25 +05'30'

[Y. K. Das]

Member Secretary

F. No. J-11011/260/2009-IA.II(I)
Government of India
Ministry of Environment, Forest and Climate Change
(I.A. Division - Industry I sector)

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

E-mail: r.sundar@nic.in
Tel: 011-24695304

Dated: 10th August, 2021

To

Shri. Mahabir Prasad Rungta,
Owner,
M/s. Shri Ram Power & Steel Private Limited,
Aara Saru Bera Road, P.O-Kuju,
District - Ramgarh, Jharkhand- 825 316,
Email: mahabirprasadrunga54@gmail.com; Tel: 0124 - 4291036

Subject: Expansion of Sponge Iron from 60,000 to 90,000 TPA, Production of 72,000 TPA Billet by addition of 2x12T Induction Furnace and 12 MW Captive Power Plant by M/s. Shri Ram Power & Steel Private Limited located at Village: AraSaruBera Road, PO-Kuju, District- Ramgarh, Jharkhand - Environment Clearance - regarding.

Sir,

This refers to your proposal no. IA/JH/IND/195539/2018 received on 03/07/2021 through PARIVESH Portal for grant of Environmental Clearance (EC) for the project mentioned above.

2. As per the provisions of the Environment Impact Assessment (EIA) Notification, 2006, the above-mentioned project/activity is covered under category 'A' of item 3(a) 'Metallurgical Industries (Ferrous and Non-ferrous)' and appraised at Central level.
3. Accordingly, the above-mentioned proposal has been considered by the Reconstituted Expert Appraisal Committee of Industry 1 in its 40th meeting held on 15-16th July, 2021. The minutes of the meeting and all the project documents are available on PARIVESH portal which can be accessed at <https://parivesh.nic.in/>.
4. The details of the proposal are as per the EIA report submitted by the proponent. The salient features of the expansion proposal as presented during the above-mentioned meetings of EAC (Industry 1) are as under: -

S.No.	Particulars	Details
a.	Terms of Reference for undertaking EIA study	15 th April, 2019
b.	Period of baseline data collection	December 2018 to February 2019
c.	Date of Public Consultation	18 th July, 2019
d.	Action plan to address the PH issues	An amount of Rs. 47.65 lakhs have been earmarked to address the issues raised during public hearing.
e.	Location of the project	Village: AraSaruBera Road, PO-Kuju, District- Ramgarh, Jharkhand.

Proposal No. IA/JH/IND/195539/2018

(6/c)

Page 1 of 6

S.No.	Particulars	Details
f.	Latitude and Longitude of the project site	Latitude 23°43'24.3"N, Longitude 85°31'28.7"E
g.	Total land	4.96 ha
h.	Land acquisition details as per MoEF&CC O.M. dated 7/10/2014	Entire land of 4.96 is possession of M/s. Shri Ram Power & Steel Private Limited
i.	Existence of habitation & involvement of R&R, if any	Nil
j.	Elevation of the project site	370 m AMSL
k.	Involvement of Forest land if any.	Nil
l.	Water body exists within the project site as well as study area	Project Site - Nil Study Area Damodar River: 8.7 Km, S Chotha Nadi: 3.13 Km, N Bokaro River: 4.85 km NNE
m.	Existence of ESZ / ESA / national park / wildlife Sanctuary / biosphere Reserve / tiger reserve / elephant reserve etc. if any within the study area	Nil. Following Forests are present in study area: Protected Forest: 3.77km, WSW Protected Forest: 7.2 km, NNW
n.	Project cost	INR 103.74 Crores
o.	EMP cost	INR 5.81 Crores
p.	Employment opportunity	430 Nos
q.	Water and Power requirement	Water - 1241 m ³ /day, Power - 11.8 MW

Unit configuration and capacity:

S No	Units	Existing Units		Proposed Units		Final Capacity	
		Unit	Production TPA	Unit	Production TPA	Unit	Production TPA
Sponge Iron Plant - 90,000 TPA							
1	DRI Kilns	2x100 TPD	60,000	1x100 TPD	30,000	3x100 TPD	90,000
Steel Melting Shop - 72,000 MS Billets							
2	Induction Furnace	--	--	2x12 Ton	73,050	2x12 Ton	73,050
	Billet Caster	--	--	2x6/11 m radius	72,000	2x6/11 m radius	72,000
Captive Power Plant - 12 MW							
3	WHRB	--	--	3	6 MW	3	6 MW
	AFBC Boiler	--	--	1	6 MW	1	6 MW

- The Re-constituted EAC (Industry-1) in its 40th meeting held on 15-16th July, 2021, based on information & clarifications provided by the project proponent and after detailed deliberations recommended the proposal for grant of Environment Clearance subject to stipulation of specific and general conditions as detailed in the paragraph given below.
- The MoEF&CC has examined the proposal in accordance with the Environment Impact Assessment (EIA) Notification, 2006 & further amendments thereto and after accepting the recommendations of the Expert Appraisal Committee (Industry-1) hereby decided to grant

Proposal No. IA/JH/IND/195539/2018

Page 2 of 6

Environment Clearance for instant expansion proposal of M/s. Shri Ram Power & Steel Private Limited under the provisions of EIA Notification, 2006 subject to the following specific conditions and general conditions:

A. Specific conditions

- i. An affidavit shall be submitted to the Ministry stating that observations made in the inspection report of Regional Office dated 2/06/2021 has been complied within three months from date of issue of the Environment Clearance.
- ii. Particulate matter emission from all the stacks shall not exceed 30 mg/Nm³.
- iii. Project proponent shall obtain prior permission from concerned competent authority for withdrawal of 1241 KLD water from Bokaro river before commencing the expansion project activity.
- iv. Rain Water harvesting shall be implemented as per the action plan submitted in the EIA report.
- v. 100% dolochar generated in the plant shall only be used either in the captive power plant (or) in the Thermal Power Plants meeting emission standards.
- vi. Water spray systems shall be included to control fugitive dust from raw material Stockpiles.
- vii. Stockpiles shall be constructed on impervious floors and Garland drains shall be constructed with traps around the plant and around the stock piles.
- viii. 100 % solid waste shall be utilized. Maximum storage of solid waste in plant shall be 90 days of production.
- ix. Parking area for 25 trucks shall be provided within the plant.
- x. Green belt shall be developed in 40% of the total area all along the periphery of the project site with a tree density of 2500 trees per hectare.

B. General conditions

I. Statutory compliance:

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

II. Air quality monitoring and preservation

- i. The project proponent shall install 24x7 continuous emission monitoring system at process stacks to monitor stack emission as well as two Continuous Ambient Air Quality Station (CAAQS) for monitoring AAQ parameters with respect to standards prescribed in Environment (Protection) Rules 1986 as amended from time to time. The CEMS and CAAQMS shall be connected to SPCB and CPCB online servers and calibrate these systems from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through laboratories recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- iii. Appropriate Air Pollution Control (APC) system shall be provided for all the dust generating points including fugitive dust from all vulnerable sources, so as to comply prescribed stack emission and fugitive emission standards.
- iv. The project proponent shall provide leakage detection and mechanized bag cleaning facilities for better maintenance of bags.

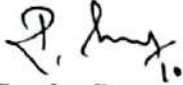
- v. The project proponent shall ensure covered transportation and conveying of ore, coal and other raw material to prevent spillage and dust generation.
- vi. The project proponent shall provide primary and secondary fume extraction system at all heat treatment furnaces.
- vii. Wind shelter fence and chemical spraying shall be provided on the raw material stock piles.
- viii. Design the ventilation system for adequate air changes as per prevailing norms for all tunnels, motor houses, Oil Cellars.
- III. Water quality monitoring and preservation**
- i. The project proponent shall monitor regularly ground water quality at least twice a year (pre and post monsoon) at sufficient numbers of piezometers/sampling wells in the plant and adjacent areas through labs recognized under Environment (Protection) Act, 1986 and NABL accredited laboratories.
- ii. Sewage Treatment Plant shall be provided for treatment of domestic wastewater to meet the prescribed standards.
- iii. The project proponent shall provide the ETP for effluents of rolling mills to meet the standards prescribed in G.S.R 277 (E) 31st March 2012 (applicable to IF/EAF) as amended from time to time.
- IV. Noise monitoring and prevention**
- i. Noise quality shall be monitored as per the prescribed Noise Pollution (Regulation and Control) Rules, 2000 and report in this regard shall be submitted to Regional Officer of the Ministry as a part of six-monthly compliance report.
- V. Energy Conservation measures**
- i. Energy conservation measures may be adopted such as adoption of solar energy and provision of LED lights etc., to minimize the energy consumption.
- VI. Waste management**
- i. Used refractories shall be recycled as far as possible.
- ii. Oily scum and metallic sludge recovered from rolling mills ETP shall be mixed, dried, and briquetted and reused melting Furnaces
- iii. Kitchen waste shall be composted or converted to biogas for further use.
- VII. Green Belt**
- i. The project proponent shall prepare GHG emissions inventory for the plant and shall submit the programme for reduction of the same and also estimate carbon sequestration by the plantations.
- VIII. Public hearing and Human health issues**
- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The project proponent shall carry out heat stress analysis for the workmen who work in high temperature work zone and provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iii. Occupational health surveillance of the workers shall be done on a regular basis and records maintained.
- IX. Environment Management**
- i. The project proponent shall comply with the provisions contained in this Ministry's OM vide F.No. 22-65/2017-1A.III dated 30/09/2020.

- ii. The company shall have a well laid down environmental policy duly approved by the Board of Directors. The environmental policy should prescribe for standard operating procedures to have proper checks and balances and to bring into focus any infringements/deviation/violation of the environmental / forest / wildlife norms / conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental / forest / wildlife norms / conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MoEF&CC as a part of six-monthly report.
- iii. A separate Environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.

X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safeguards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iii. The project proponent shall upload the status of compliance of the stipulated environmental clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- iv. The project proponent shall monitor the criteria pollutants level namely; PM₁₀, SO₂, NO_x (ambient levels as well as stack emissions) or critical sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.
- v. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vi. The project proponent shall submit the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and put on the website of the company.
- vii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- viii. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- ix. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment, Forests and Climate Change (MoEF&CC).
- x. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xi. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.

- xii. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
 - xiii. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information/monitoring reports.
 - xiv. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.
7. This issues with the approval of the Competent Authority.


(Sundar Ramanathan)
Scientist 'E'

Copy to:-

1. Secretary, Department of Environment, Government of Jharkhand, Secretariat, Ranchi.
2. Regional Officer, Integrated Regional Office, Ministry of Environment and Forest, Bungalow No. A-2, Shyamali Colony, Ranchi-834002.
3. PCCF & Chief Wildlife Warden, Govt. of Jharkhand, P.O. Doranda, Van Bhawan Ranchi- 834002
4. Chairman, Central Pollution Control Board, Parivesh Bhawan, CBD-cum-Office Complex, East Arjun Nagar, Delhi-110032.
5. Member Secretary, Central Ground Water Authority, A-2, W3, Curzon Road Barracks, K.G. Marg, New Delhi-110001.
6. Chairman, Jharkhand State Pollution Control Board, CTI Colony. Sector 4, Birsa Nagar, Ranchi, Jharkhand 834004
7. District Collector, Ramgarh District, Jharkhand.
8. Guard File/Record File/Monitoring File.
9. MoEF&CC Website.


(Sundar Ramanathan)
Scientist 'E'



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-11413068/2022/5

Dated : 2022-01-01

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.- 11413068 / dated : 08/12/2021 of Shriram Power & Steel Pvt. Ltd., Vikash Santhalia 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 Environment Clearance vide Ref. No.
 - (i) J-11011/260/2009-I(A)II(I) dated 30.09.2010, MoEF, New Delhi;
 - (ii) J-11011/260/2009-IA.II(I) dated 10.08.2021, MoEF, New Delhi.
 - (b) The Content of Consent to Establish (CTE), Ref. No. N-76 dated 28.08.2010, JSPCB, Ranchi for the production of Sponge Iron - 90,000TPA; CPP-08MW; Steel Melt Shop - 60,000TPA.
 - (c) The Content of Consent to Operate (CTO) vide Ref No. JSPCB/HO/RNC/CTO - 4471655/2019/1191 dated 24.06.2019 valid upto 31.03.2022 for the production of Sponge Iron - 2X100TPD.
 - (d) The content of Inspection Report (I/R) vide Ref No. 849 dated 23.08.2021 of Regional Office-Cum-Laboratory, JSPC Board, Hazaribagh.
 - (e) The content of self declaration regarding procurement of raw materials from valid sources.

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- Kuju, P S -Kuju, District-RAMGARH as follows:

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

In Expansion	2008, 2010, 2011, 2012, 2024/2873, 2024/2874, 2024/2875, 2024, 2201, 2024/2876, 2201/2877, 2201/2876, khata No-7, 88, 28, 1/193 (As per Land document)	4.96 Ha. (As per EC)	10375 Lacs	(i) MS Billets- 72000 TPA, (ii) AFBC- 6.0 MW, (iii) Sponge Iron- 30,000.0 TPA and, (iv) WHRB- 3x2 MW(As per application)	As per EC
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(A) Specific Conditions:

1. That, the occupier shall operate and maintain the fume extraction system with bag filters at the plant site.
2. That, the proponent shall do regular cleaning and wetting of the ground within the premises.
3. That, the occupier shall do transporting within the covered vehicles.
4. That, the occupier shall keep the waste water in close circuit and maintain zero liquid discharge.
5. That, the occupier shall utilize solid waste entirely as per Solid Waste Management Rules' 2016.
6. That, the occupier shall maintain proper housekeeping within the premises.
7. That, the occupier shall comply the recommendations made in charter for Corporate Responsibility for Environment Protection.
8. That, the unit shall ensure regular transmission of online data of all the parameters including So₂ parameter to the server of the Board.
9. That, the occupier shall operate and maintain atleast four ambient air quality monitoring station in the downward direction as well as where maximum ground level concentration of PM 10, SO₂ and NO_x are anticipated in consultation with the Board.
10. That, the occupier shall maintain pucca road within the premises.
11. That, the proponent shall maintain the fugitive emission within the prescribed limit.
12. That, the proponent shall operate and maintain dry fog system at feeding and transfer points in iron ore

beneficiation plant.

13. That, the occupier shall operate and maintain the ESP, dust catcher and bag filters to keep the emission levels within the prescribed limit.

14. That, the occupier shall ensure hot gases to be passed through Dust Settling chamber and thereafter after burning chamber.

15. That, the occupier shall maintain on line stack emission monitoring system and shall ensure connectivity for transmission of data to CPCB & JSPCB server regularly;

16. That, the occupier shall obtain NOC from CGWA/SGWD for withdrawal of water from the ground water source.

17. That, the occupier shall develop greenery in an area equal to 33 % of the plant area and shall maintain the same.

18. That, the occupier shall submit environmental statement to the Board every year.

19. That, the occupier shall submit compliance of CTO and EC conditions to the Board every year before 120 days of the expiry date of this CTO alongwith the recent analysis reports successively.

20. That, the occupier shall submit compliance of this CTE conditions at the time of application made for CTO along with the compliance of EC conditions.

21. That, the occupier shall install fixed type water sprinklers to cover all dusty places in the premises to impart water spraying intermittently and during loading, unloading of raw materials/products and wastes.

22. That, the occupier shall ensure continuous and uninterrupted power supply with provisions of separate energy meters for the pollution control systems to enable the pollution control systems to function uninterruptedly.

23. That, the occupier shall obtain authorization under Hazardous Waste Management Rules, 2016

24. That, the occupier shall commence the expansion project activity only after obtaining NOC from competent authority for 1241 KLD water abstraction from river Bokaro.

(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: 2022.01.01
21:31:54 +05'30'

[Y. K. Das]
Member Secretary

Memo No. : JSPCB/HO/RNC/CTE-11413068/2022/5

Dated : 2022-01-01

Copy to : M/s Shriram Power & Steel Pvt. Ltd., Ara Sarubera Road, Naya More, Kuju, Ramgarh,
(Jharkhand)-/ Director of Industries, Government of Jharkhand, Ranchi/ Deputy Commissioner, Ramgarh/
Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of Factories, Ranchi/ DFO,
Ramgarh,/ DMO, Ramgarh,/ R O, JSPCB, Hazaribagh for information & ensuring compliance of the above.

Yatindra
Kumar
Das

Digitally signed
by Yatindra
Kumar Das
Date: 2022.01.01
21:31:29 +05'30'

[Y. K. Das]
Member Secretary



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/1030/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring : 08.02.2024
Monitoring Start Date : 08.02.2024
Monitoring End Date : 09.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1030
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)	71.4	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	67.7	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*****



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

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.

Annexure-16 Series

ENVIRO-TECH SERVICES

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ETS-LAB



TEST REPORT

TEST REPORT NO.: ETS/1031/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring : 08.02.2024
Monitoring Start Date : 08.02.2024
Monitoring End Date : 09.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1031
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)	67.5	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	54.2	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*****

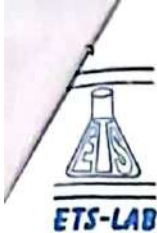


Format No ETS/LAB/TR-02, Issue No. 05, Date 01.04.2019, Amd. No. 04 Date 01.04.2024

For ENVIRO-TECH SERVICES
AUTHORIZED SIGNATORY
PURNIMA SINGH
Quality Manager

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.
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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.



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/1032/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring : 09.02.2024
Monitoring Start Date : 09.02.2024
Monitoring End Date : 10.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1032
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)	73.6	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	68.1	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*****



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

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.

Annexure-16 Serial



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/1033/02/2024

DATE OF REPORT: 15.02.2024

AMBIENT NOISE MONITORING REPORT

Name And Address of Customer : SHRIRAM POWER & STEEL PVT LTD
ARA SARUBERA ROAD, NAYAMORE, P.O KUJU, DIST
RAMGARH, JHARKHAND 825316

Date of Monitoring : 09.02.2024
Monitoring Start Date : 09.02.2024
Monitoring End Date : 10.02.2024
Duration Of Monitoring : 24 HOURS
Sample ID No : 1033
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)	66.5	75	IS: 9989
2	Night Time Noise Level	Leq :dB (A)	55.3	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*****



For ENVIRO-TECH SERVICES

[Signature]
AUTHORIZED SIGNATORY
Quality Manager

Format No ETS/LAB/TR-02, 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.

OCCUPATIONAL HEALTH CHECK-UP REPORT

NAME OF THE FACTORY : SHRIRAM POWER & STEEL PRIVATE LIMITED

ADDRESS ARA SARUBERA ROAD, NAYAMORE, KUJU, 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.	Kalpada Goral	28	M	Purchase	Asst. Manager	17.02.2024			
6.	Abhinandan Kumar	32	M	Civil	Asst. Manager	17.02.2024			
7.	Niranjan 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/Filter	17.02.2024			
21.	Givind Mahato	46	M	Mechanical	Helper	17.02.2024			
22.	Jagnath Mahato	47	M	Mechanical	Helper	17.02.2024			
23.	Sachin Kumar	37	M	Mechanical	Helper	17.02.2024			
24.	Netlal Thakur	46	M	Mechanical	Helper	17.02.2024			
25.	Mahesh mahato	39	M	Mechanical	Helper	17.02.2024			

17/2/2024
 ✓
 Dr. Mahesh K. Khandelwa
 M.B.B.S., FRHS
 PG. DIP. Diabetology
 Reg. 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			

✓ 16/8
 17/2/24
 Dr. Mahesh Kr. Khandelwal
 M.B.B.S., FRHS
 PG, DIP. Diabetology
 Reg. No. - 32891



SHRIRAM POWER & STEEL PRIVATE LIMITED

Annexure - 18

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
T- RAMGARH - 829117 (JHARKHAND)
EMAIL- shrirampower.ln@gmail.com
shrirampower12345@rediffmail.com
WEBSITE- www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST - RAMGARH- 825316, (JHARKHAND)
GSTIN : 20AAFC51323N1ZM

EMP EXPENDITURE UP TO 31ST MARCH 2024

Description	Planned Capital cost (in Lakhs)	Actual expenditure of capital cost (in Lakhs)	Recurring cost per annum (in Lakhs)
Air Pollution Control (ESP, bag filter, wet scrubber, water sprayer stationary & mobile)	200.00	191.8500	10.00
Water Pollution Control (septic tanks, OWS, neutralizing pit, garland drains, storm water drains, rainwater harvesting desisting pit)	15.00	10.9850	0.50
Noise Pollution Control (acoustic enclosures)	2.00	0.1300	0.10
Env. Monitoring and management (monitoring systems & activities, piezometer, etc)	25.00	32.71450	2.00
Occupational Health (fire-fighting equipment portable and fixed, PPE)	2.00	3.5060	0.50
Green Belt (3.85 acres)	2.00	1.5725	0.15
Others (ISO 14001, OHSAS, Special studies, Expert Advice etc.)	2.00	1.5720	0.50
Overheads (3% of Dep., Energy, R&M & Interest)	0.00	0.00	1.53
Total	248.00	242.330	15.28

Shriram Power & Steel Private Limited


Authorised Signatory

REGD OFFICE: 33A, JAWAHAR LAL NEHRU ROAD, 17TH FLOOR, CHATTERJEE INTERNATIONAL CENTRE, ROOM NO- 08, KOLKATA, W.B- 700071



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH - 829117 (JHARKHAND)
EMAIL- shrirampower.ln@gmail.com
shrirampower17@gmail.com
WEBSITE- www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST - RAMGARH- 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Ref No. SRPSPL/VHM/Mandu-Rmg/EC/2021-22/...55

Date: 05.10.2021

To,

The Village Head Man (Mukhiya)

Panchayat 21, Kuju East,

Block Mandu.

Dist- Ramgarh.

Sub: Submission of Environmental Clearance.

Ref: F. No.- J-11011/260/2009-1A.II(1), dated 10.08.2021

Dear Sir,

With reference to the above we wish to submit that Environmental Clearance for expansion of Sponge Iron from 60,000 TPA to 90,000 TPA, production of 72,000 TPA Billet by addition of 2X12 Ton Induction Furnace and 12 MW Captive Power Plant in our existing plant Shriram Power & Steel Pvt Ltd located at Village Ara Saru Bera Road, P.O. Kuju. Dist. Ramgarh was granted by the Ministry of Environment, Forest & Climate Change vide the Ministry Clearance letter referred above.

In Compliance of Conditions laid down in sub paragraph ii of the paragraph X of General Condition B, we are submitting here with a copy of the said Environmental Clearance for your kind information /suggestion.

Thanking you.

Yours faithfully,

For Shriram Power & Steel Pvt Ltd

Authorized Signatory

Encl: Copy of the Environmental Clearance.

Shriram Power & Steel Private Limited

Authorised Signatory

मुखिया
पंचायत-21, कुजू पूर्वी
ब्लॉक-रामगढ़ (झारखण्ड)
मण्डल

Annexure - 19 Series

SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:
ADARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
RAMGARH - 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE- www.srpspl.com

WORKS:
ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST - RAMGARH- 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Date: 05.10.2021

To,
The Chief Executive Officer-cum-
Deputy Development Commissioner
Zila Parishad,
Ramgarh.

Sub: Submission of Environmental Clearance.

Ref: F. No.- J-11011/260/2009-1A.II(I), dated 10.08.2021

Dear Sir,

With reference to the above we wish to submit that Environmental Clearance for expansion of Sponge Iron from 60,000 TPA to 90,000 TPA, production of 72,000 TPA Billet by addition of 2X12 Ton Induction Furnace and 12 MW Captive Power Plant in our existing plant Shriram Power & Steel Pvt Ltd located at Village Ara Saru Bera Road, P.O. Kuju, Dist. Ramgarh was granted by the Ministry of Environment, Forest & Climate Change vide the Ministry Clearance letter referred above.

In Compliance of Conditions laid down in sub paragraph ii of the paragraph X of General Condition B, we are submitting here with a copy of the said Environmental Clearance for your kind information /suggestion.

Thanking you.


Yours faithfully,

For Shriram Power & Steel Pvt Ltd

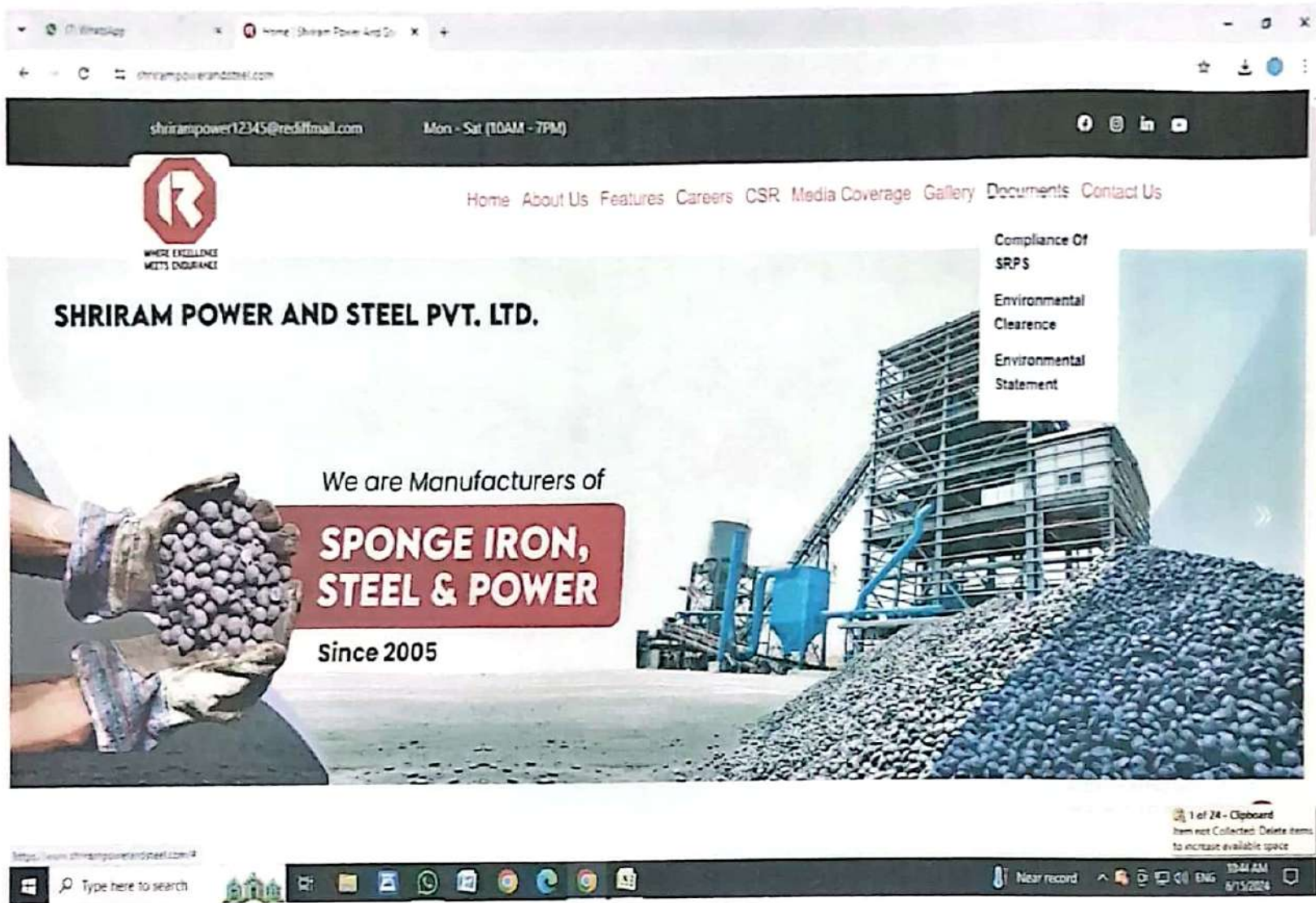

Authorized Signatory

Encl: Copy of the Environmental Clearance.

Shriram Power & Steel Private Limited


Authorized Signatory

Annexure-2b



Shriram Power & Steel Private Limited


 Authorised Signatory



SHRIRAM POWER & STEEL PRIVATE LIMITED

CORRESPONDENCE ADDRESS:

ARSH COLONY, BEHIND ASHOK CINEMA
NACHI ROAD, PO- MARAR
DIST- RAMGARH- 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE-www.srpspl.com

WORKS:

ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST.-RAMGARH, 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Ref.no.- SRPSPL/RO-HZB/JSPCB /23-24/

Date: 17.11.2023

To,
The Regional Officer,
Jharkhand State Pollution Control Board,
PTC Chowk, Matwari Road,
Hazaribagh.

Sub: Compliance of Conditions of Environmental Clearance

Ref: F. No. J-11011/260/2009/-IA-II (I), dated 30.09.2010

Dear Sir,

Under the provisions of Environmental (Protection) Act, 1986 and various conditions laid down in the above environmental clearance, we are submitting herewith six monthly compliance report of our unit for the period from 01.04.2023 to 30.09.2023. The same is enclosed for your information and record.

Thanking you.

Yours faithfully,

For Shriram Power & Steel Pvt Ltd.

Authorized Signatory

Enclosures-

Compliance Report with Annexure.



Received
22/11/23



SHRIRAM POWER & STEEL PRIVATE LIMITED

Annexure - 21 Series

CORRESPONDENCE ADDRESS:

VARSH COLONY, BEHIND ASHOK CINEMA
RANCHI ROAD, P.O- MARAR
DIST- RAMGARH- 829117 (JHARKHAND)
EMAIL- shrirampower.in@gmail.com
shrirampower17@gmail.com
WEBSITE-www.srpspl.com

WORKS:

ARA SARUBERA ROAD, NAYA MORE, KUJU,
DIST.-RAMGARH, 825316, (JHARKHAND)
GSTIN : 20AAFCS1323N1ZM

Letter No. SRPSPL/MOEF&CC/23-24/29

Date: 17.11.2023

To,
The Deputy Director General,
Ministry of Environment, Forest and Climate Change,
Integral Regional Office (ECZ),
2nd Floor, Headquarter Jharkhand State Housing Board
Ranchi- 834002.

Sub: Compliance of Conditions of Environmental Clearance

Ref: F. No. J-11011/260/2009/-IA-II (I), dated 30.09.2010

Dear Sir,

Under the provisions of Environmental (Protection) Act, 1986 and various conditions laid down in the above environmental clearance, we are submitting herewith six monthly compliance report of our unit for the period from 01.04.2023 to 30.09.2023. The same is enclosed for your information and record.

Thanking you.

Yours faithfully,

For Shriram Power & Steel Pvt Ltd.

Authorized Signatory

Enclosures-
(Compliance Report with Annexure)



Environmental Statement
OF
M/s SHRIRAM
POWER AND STEEL
PVT LTD
AS ON
31ST MARCH 2024

AT- Ara Sarubera Road, Naya More, Kuju,
Dist. Ramgarh (Jharkhand)

Shriram Power & Steel Private Limited


Authorised 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) Shriram Power & Steel Pvt. Ltd. Ara Sarubera Road, Nayamore, Kuju Dist. Ramgarh
ii.	Industry category Primary (SSI Code), Secondary (SSI Code)	Primary
iii.	Production Capacity / Year of Establishment	Sponge Iron 60,000 T.P.A/2004 Sponge Iron 30,000 T.P.A/2022 M.S. Billet 72000 T.P.A/2022
iv.	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 734.15 KL/day

(c) Domestic: 7.00 KL/day

SI No.	Name of Product	Process water Consumption Per M T of Final Product	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Sponge Iron	0.93 KL	1.10 KL
2.	M.S. Billet	1.37 KL	1.30 KL

Shriram Power & Steel Private Limited


Authorised Signatory

(2) Raw Material Consumption

SI No.	Nature of Raw Material	Raw Material Consumption Per MT of Product Output	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
1.	Iron Ore	1.80	1.72
2.	Coal	0.93	0.93
3.	Dolomite	0.048	0.038
4.	Sponge Iron	1.072	1.036
5.	Pig Iron	0.123	0.168
6.	Polled Iron	0.166	0.044

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	--	26.1 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)

SI No.	Hazardous Wastes Generated	Total Quantity	
		During the Current Financial Year (2022-23)	During the Current Financial Year (2023-24)
(1)	From Process	210.60 (Used Oil)	259.200 Kg (Used Oil)
(2)	From pollution control Facilities	NIL	NIL

Shriram Power & Steel Private Limited


Authorised Signatory

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 Slag	31560.960 MT 8445.980 MT	32805.000 MT 37756.520 MT
(b)	From pollution control Device Facilities-	90237.620 (ESP & Bag Filter Dust)	38806.580 MT
(c)	Sold		33911.420 MT (Dolochar)
(i)	Disposed	38540.320 MT (Dolochar)	
(ii)		90067.880 MT (ESP & Bag Filter Dust) 8154.000 (Slag)	33964.860 MT (ESP & Bag Filer Dust) 30477.580 MT (Slag)

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:-

38.36% Dolochar as solid wastes generated in the manufacturing process. Composition VM 1.6%, Ash 72%, IC 26.40%. 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 has helped in minimizing pollution to the great extent. Company has proposed to invest 5.00 crores for implementation of pollution control.

PART -H

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

ESP and Bag Filters in the stacks of all the kilns and Fume Extractor in Induction Furnace are functioning properly during operation of the plant to control 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 suggestions received by the JSPCB/ CPCB/MoEF & CC to improve the quality of the environment.

Shriram Power & Steel Private Limited


Authorised Signatory

