

JAI PRABHUJI IRON & STEEL PRIVATE LIMITED



JAI PRABHUJI

MANUFACTURERS OF QUALITY M.S. BILLET

Works : C-21-25, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)
Regd. Office : Kalpana Villa, Midway Nursing Home Lane, Near Barakar Bus Stand South,
P.O.- Barakar - 713343, Dist.- Paschim Burdwan (W.B.)
Email : jai_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com
Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615
Mobile : 9431125242 • 9431124208

Ref. No. JPIS/Gen/ 009/23-24

Dated – 19.06.2023

To,
The Scientist – C,
Ministry of Environment Forest & Climate Change
Integrated Regional Office,
2nd Floor, Jharkhand State Housing Board,
Harmu Chowk, Ranchi, Jharkhand.

Subject: Regarding compliance of Environmental Clearance conditions.

Reference: Environmental Clearance from Ministry of Environment & Forest, New Delhi
vide J-11011/180/2010-IA-II (I) dated 13.07.2011.

Sir,

We have obtained Environment Clearance and NOC from the concerned authorities for establishing our project at Kandra Industrial Area, Govindpur, District – Dhanbad, Jharkhand. The plant has been put in operation after obtaining consent to operate from JSPCB.

As per requirements of Environment (Protection) Act 1986 and various conditions of the above mentioned Environmental Clearance we are submitting the six monthly compliance reports with status for the period from 1st October 2022 to 31st March 2023 to the specified authorities. The same is enclosed for your information.

Thanking you,

Yours Faithfully,

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

Enclosure: Compliance Report



COMPLIANCE OF ENVIRONMENTAL CLEARANCE

F. No. J-11011/180/2010- IA II (I), dated 13.07.2011

M/s. Jai Prabhuji Iron & Steel (P) Ltd., Kandra Industrial Area, Dhanbad

Sl	CONDITION	COMPLIANCE/ STATUS (status: 1 st October 2022 – 31 st March 2023)
A.	SPECIFIC CONDITIONS:	
i)	As per the commitment submitted, no charcoal shall be used as fuel. Pet coke shall be used as fuel instead of charcoal from unknown sources.	No use of charcoal as a fuel. Only Induction Furnaces powered by electricity installed. Proposed Ferro Alloys Unit has been dropped and accepted by MoEF & CC as per their 35 th MoM of EAC meeting dated 17 th & 18 th September 2018.
ii)	Continuous monitoring facilities for all the stacks and sufficient air pollution control equipments viz. fume extraction system with bag filters, ID fan and stack of adequate height to submerged arc furnace shall be provided to control emissions below 50 mg/Nm ³ .	Condition applicable for submerged Arc Furnace (SAF), which has been dropped as above and will not be installed – thus not applicable. Only Induction Furnace unit in which Bag Filter provided. Unit does not fall under the 17 categories of highly Polluting Industry, thus OCEMS not envisaged. Emissions are being maintained below 50 mg/Nm ³ . Copy of latest monitoring reports enclosed as Annexure – 1
iii)	The National Ambient Air Quality Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16th November, 2009 shall be followed.	Standard as notified is being followed. Monitoring of all parameters as per NAAQs has now been done and reports attached as Annexure – 2 .
iv)	Secondary fugitive emissions from all the sources shall be controlled within the latest permissible limits issued by the Ministry and regularly monitored. Guidelines/Code of Practice issued by the CPCB shall be followed.	Secondary fugitive emissions being controlled with help of fume extractor covered shed, water sprinkling, plantation etc. Standard as notified is being followed.
v)	Regular monitoring of influent and effluent surface, subsurface and ground water shall be ensured and treated wastewater shall meet the norms prescribed by the State Pollution Control Board or described under the E(P) Act which are more stringent. Leachate study for the effluent generated and analysis should also be regularly carried out and report submitted to the Ministry's Regional Office at Bhubaneswar, SPCB and CPCB.	No effluent discharged or leakages outside plant premises. Water is used only for cooling purpose. Monitoring report for same attached as Annexure - 3 .
vi)	Make up water requirement shall not exceed 51m ³ /day. 'Zero' effluent discharge shall be strictly followed and no wastewater should be discharged outside the premises.	Make up water requirement is below 51 m ³ /day (approx. 21 m ³ /day). Zero discharge maintained only domestic effluent routed to septic tank –soak pit within premises. No discharge outside the premises. Permission letter from CGWA is attached as Annexure - 4

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Chaudhary

Director

vii)	Efforts shall be made to use of rain water harvested. If needed, capacity of the reservoir should be enhanced to meet the maximum water requirement. Only balance water requirement should be met from other sources.	Rain water harvesting scheme has been implemented. The depth of central bore of RWH pit is 80 mtr as per approved drawing of Ground Water Directorate, GOJ. Settling pit water used for plant & other purpose to maximum extent possible.
viii)	All the Ferro alloy slag shall be used in the Preparation of building materials.	There is no Ferro Alloys Slag generated from the unit as SAF unit not installed and has been dropped. Slag from Induction Furnace Unit is being sold to outside parties for metal recovery units.
ix)	No Ferro Chrome shall be manufactured without prior approval from the Ministry of Environment & Forests.	No Ferro Chrome or Ferro Alloys manufactured in the unit.
x)	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, SPCB and CPCB within three months of issue of environment clearance letter.	Onsite and off-site DMP plan has been approved by Chief Inspector of Factory, Ranchi. Copy of same along with approval letter already submitted with previous compliance.
xi)	As proposed green belt shall be developed in at least 33% of the plant area. Selection of the plant species shall be as per the CPCB guidelines in consultation with DFO.	We have developed green belt and is continued to attain 33% of the plant area. Photographs attached
xii)	At least 5% of the total cost of the project should be earmarked towards the Enterprise Social Commitment based on locals and item-wise details along with time bound action plan (need based) should be prepared and submitted to the Ministry's Regional Office at Bhubaneswar. Implementation of such program shall be ensured accordingly in a time bound manner.	5% of the total cost of the project has been earmarked towards the Enterprise Social Commitment and will be utilized in consultation with local habitants. ESC / CSR expenses till 31 st March 2023 are Rs. 32.92 lakhs spent on various activities. During this period of 01.10.2022 to 31.03.2023 amount of approx. Rs. 0.10 lakh spent on support to various heads in the area. Receipt of same attached as Annexure – 5
xiii)	The company shall provide housing for construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.	Construction work is completed. Plant is in operation.

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Chaudhary

Director

B.	GENERAL CONDITIONS	COMPLIANCE/ STATUS
i	The project authorities shall strictly adhere to the stipulations made by Jharkhand Pollution Control Board and State Government.	It is being adhered.
ii	No further expansion or modification in the unit shall be carried out without prior approval of this Ministry of Environment and Forests.	No expansion or modification in the unit w.r.t production capacity. Change of product from Ingot to Billets applied to MoEF & CC, New Delhi has been accepted and NIPL certificate attached as Annexure - 6
iii	The gaseous emissions from various process units shall conform to the load/mass based standards notified by this Ministry on 19th May, 1993 and standards prescribed from time to time. The SPCB may specify more stringent standards for the relevant parameters keeping in view the nature of the industry and its size and location.	It is being complied.
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 this Ministry including its Regional Office at Bhubaneswar and the SPCB/CPCB once in six months.	Complied. Latest SMR & AAQR is enclosed as Annexure - 1 and 2.
v	Industrial wastewater shall be properly collected, treated so as to conform to the standards prescribed under GSR 422 (E) dated 19th May, 1993 and 31st December, 1993 or as amended from time to time. The treated wastewater shall be utilized for plantation purpose.	Cooling water is being kept in closed circuit while domestic effluent is being treated in septic tank followed soak pit. No industrial wastewater is discharged. Siltation Pond in place for the same.
vi	The overall noise levels in and around the cement grinding unit 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 shall conform to the standards prescribed under EPA Rules, 1989 viz. 75 dBA (daytime) and 70 dBA (nighttime)	No cement grinding unit envisaged. DG set with acoustic enclosure has been installed. All noise levels below the permissible limits. Noise monitoring report is enclosed as Annexure - 7
vii	Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.	Regular health check up of the workers is being done on fixed routine basis and records are being maintained. Copy of some submitted with previous compliance. Latest annual check-up report attached as Annexure - 8.

For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Chaudhary

Director

viii	The company shall develop rain water harvesting structures to harvest the rain water for utilization in the lean season besides recharging the ground water table.	Rain water harvesting scheme has been implemented. The depth of central bore of RWH pit increased to 80 mtr as per approved drawing of Ground Water Directorate, GOJ. Settling pit water is being used for plant use purpose to maximum extent possible.
ix	The project proponent shall also comply with all the environmental protection measures and safeguards recommended in the EIA/EMP report. Further, the company must undertake socio-economic development activities in the surrounding villages like community development programmes, educational programmes, drinking water supply and health care etc.	We have complied with all the environmental protection measures and safeguards recommended in the generated EIA/EMP report. We are taking care of socio-economic activities and submitting the half yearly compliance report.
x	Requisite funds 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 Forests 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 of Bhubaneswar. The funds so provided shall not be diverted for any other purpose.	We have earmarked fund for environmental issue and have implemented. Details of same enclosed as Annexure - 9 . The cost of EMP is on lower side as the Ferro Alloys (SAF) unit and its Pollution Control Equipment not installed and dropped. Only less polluting unit Induction Furnace installed along with requisite pollution control measures.
xi	A copy of clearance letter shall be sent by the proponent to concerned Panchayat, Zilla Parishad/Municipal Corporation, Urban Local Body and the local NGO, if any, from whom Suggestions/representations, if any, were received while processing the proposal. The clearance letter shall also be put on the web site of the company by the proponent.	Copies of receipt of EC to Panchayat and Zila Parishad has already been submitted with initial compliance report.
xii	The project proponent shall upload the status of compliance of the stipulated environment clearance, including results 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 Bhubaneswar. The respective Zonal Office of CPCB and the SPCB. The critical pollutant 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.	The company website (www.jpispl.com) is active. Latest compliance status of EC and results of monitoring has been uploaded. The monitoring data sent to CPCB, Zonal Office & MoEF, Regional Office, Ranchi.

For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

xiii	The project proponent shall also submit six monthly reports on the status of the compliance of the stipulated environmental conditions including results of monitored data (both in hard copies as well as by e-mail) to the Regional Office of MOEF, the respective Zonal Office of CPCB and the SPCB. The Regional Office of this Ministry at Bhubaneswar/CPCB/SPCB shall monitor the stipulated conditions.	It is being complied. Reports sent both in hardcopy and email to Regional Office of Ministry at Ranchi.
xiv	The environmental statement for each financial year ending 31st March in Form-V as is mandated to be submitted by the Project proponent to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently, shall also be put on the website of the company along with the status of compliance of environmental conditions and shall also be sent to the respective Regional Office of the MOEF at Bhubaneswar by e-mail.	We are submitting environmental statement every year. Copy of the Environmental statement for the year ending 31 st March 2023 attached as Annexure - 10 .
xv	The Project Proponent shall inform the public that the project has been accorded environmental clearance by the Ministry and copies of the clearance letter are available with the SPCB and may also be seen at the Website of the Ministry of Environment and Forests at http://7envfor.nic.in . This shall be advertised within seven days from the date of issue of the clearance letter, at least in two local newspaper 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.	The paper cutting of the two local news paper in which information regarding grant of EC was published already submitted with previous compliance. The timeline for Newspaper publication was overlooked by mistake. In future it will be taken care of in time.
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.	Date of Financial closure is 14.12.2007 With Indian Overseas Bank. CTE from JSPCB obtained vide PC/NOC/DHN/01/2010/B-2474 dated 12.09.2011; land development work started after 15.09.2011. Commencement of Production of Induction Furnace was after obtaining CTO from of JSPCB as Annexure - 11 .

For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

TEST REPORT

Issued to:	Test Report No.	: SRL/JPISPL/MAR-ST/23-03
M/s Jai Prabhuji Iron & Steel (P) Limited.	Report Issue Date	: 29.03.2023
At.: C- 21 to 24, Kandra Industrial Area,	Date of Sampling	: 21.03.2023
Govindpur, District: Dhanbad, Jharkhand.	Sample Receipt Date	: 22.03.2023
(Application No.: 15801105 dt. 17.03.2023).	Analysis Date	: 23.03.2023 to 25.03.2023

A. INFORMATION OF PHYSICAL CHARACTERISTICS OF STACK

Stack number if any	: Stack - 1 (Induction Furnace)
Emission due to	: Burning of Raw Materials
Material of construction of stack	: M.S.
Shape of stack	: Circular
Whether stack is provided with permanent platform/ ladder	: Yes
Height of the stack from ground level (in meter)	: 30.48
Height of the sampling point from ground level (in meter)	: 9.40
Diameter of the stack at sampling point (in meter)	: 0.35
Fuel used & Consumption	: Electricity (Electric Furnace)
Production Capacity	: 36,000 MT/ Annum
Stack connected to	: Fume Extraction System & Bag Filters

B. DETAIL OF STACK EMISSION SAMPLING AND TEST REPORT

Parameters (Units)	Results	Test Method
Ambient air temperature ($^{\circ}\text{C}$)	: 34	IS 11255 (Part 3): 2008 RA 2013
Stack gas temperature, ($^{\circ}\text{C}$)	: 106	IS 11255 (Part 3): 2008 RA 2013
Barometric Pressure, (mm of Hg)	: 756	-
Stack gas velocity, (m/sec)	: 6.58	IS 11255 (Part 3): 2008 RA 2013
Volumetric flow rate (in Nm^3/hr),	: 1793	IS 11255 (Part 3): 2008 RA 2013
Emission rate (in kg/hr)	: 0.129	IS 11255 (Part 3): 2008 RA 2013
Conc. of Carbon dioxide, (% v/v by Orsat method)	: <0.2	IS 13270; 1992 RA 2019
Conc. of Carbon monoxide, (% v/v by Orsat method)	: 5.2	IS 13270; 1992 RA 2019
Conc. of Sulphur Dioxides, mg/Nm^3	: 14	IS: 11255 (Part 2) 1985 RA 2019
Conc. of Oxides of Nitrogen, mg/Nm^3	: 31	IS: 11255 (Part 7) 2005 RA 2017
Conc. of Particulate Matter, mg/Nm^3	: 72	IS: 11255 (Part 1) 1985 RA 2019

Remarks: Dust concentration was found $72 \text{ mg}/\text{Nm}^3$ against prescribed limit of $100 \text{ mg}/\text{Nm}^3$.

Note:

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

Dr. Niraj Kumar Singh
(Authorized Signatory)

-- End of Report --

TEST REPORT

Issued to:	Test Report No.	: SRL/JPISPL/MAR-AAQ/23-01
M/s Jai Prabhuji Iron & Steel (P) Limited.	Report Issue Date	: 29.03.2023
At.: C- 21 to 24, Kandra Industrial Area,	Sample Receipt Date	: 22.03.2023
Govindpur, District: Dhanbad, Jharkhand.	Analysis Date	: 23.03.2023 to 25.03.2023
(Application No.: 15801105 dt. 17.03.2023)	Weather Condition	: Partly Cloudy
	Atmospheric Temp ($^{\circ}$ C)	: 34
	Relative Humidity (%)	: 56
	Wind Speed (Km/hr)	: 3.2
	Wind Direction (From)	: ESE

Nature and Description of Sample	: Ambient Air Quality Monitoring (AAQM)
Type of Sample	: Ambient Air
Date of Sampling	: 21.03.2023 to 22.03.2023
Sample Condition	: Refrigerated
Sample Collected by	: SRL Team
Any Other Information (if any)	: Nil

TEST RESULTS

Sl. No.	Parameters	Unit	Results	Standards Value*	Test Method
1. Sampling Location: Near Main Gate (Beside Security Guard Room)					
I.	Respirable Particulate Matter (PM ₁₀)	μ g/m ³	92	100	IS: 5182 (Part- 23) 2006
II.	Sulphur Dioxide (SO ₂)	μ g/m ³	18	80	IS: 5182 (Part- 2) 2001
III.	Nitrogen Dioxide (NO ₂)	μ g/m ³	34	80	IS: 5182 (Part- 6) 2006
2. Sampling Location: Near Store Room					
I.	Respirable Particulate Matter (PM ₁₀)	μ g/m ³	89	100	IS: 5182 (Part- 23) 2006
II.	Sulphur Dioxide (SO ₂)	μ g/m ³	17	80	IS: 5182 (Part- 2) 2001
III.	Nitrogen Dioxide (NO ₂)	μ g/m ³	33	80	IS: 5182 (Part- 6) 2006
3. Sampling Location: Beside Temple					
I.	Respirable Particulate Matter (PM ₁₀)	μ g/m ³	85	100	IS: 5182 (Part- 23) 2006
II.	Sulphur Dioxide (SO ₂)	μ g/m ³	16	80	IS: 5182 (Part- 2) 2001
III.	Nitrogen Dioxide (NO ₂)	μ g/m ³	31	80	IS: 5182 (Part- 6) 2006

*National Ambient Air Quality Standards (NAAQS).

Note:

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

(Dr. Niraj Kumar Singh)
Authorized Signatory

-- End of the Report --



Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study

- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/22/R-4008

Date: 30.03.2023

WATER ANALYSIS REPORT (GROUND WATER)

1. Name of the Industry : M/s JAI PRABHUJI IRON & STEEL PVT. LTD
: Kandra Industrial Area, Kandra-828109
2. Sampling Location : Outside of The Plant (Bore well Water)
3. Date of Sampling : 13.03.2023
4. Date of Analysis : 14.03.2023 to 18.03.2023
5. Sample Collected by : Jai Prabhuji Iron & Steel Ltd Representative.

Sl. No	Parameters	Method of Testing (APHA 23 rd Edition)	Unit	Standards (IS:10500)	Results
1	pH (at 25°C)	4500-H ⁺ B		6.5-8.5	7.84
2	Total Dissolved Solids	2540 C	mg/l	500.0	322.3
3	Turbidity	2130 B	NTU	1.0	< 1.00
4	Total Alkalinity (as CaCO ₃)	2320 B	mg/l	200.0	86.3
5	Chloride (as Cl ⁻)	4500 - Cl ⁻ B	mg/l	250.0	36.4
6	Total Hardness (as CaCO ₃)	2340 C	mg/l	200.0	127.3
7	Calcium (as Ca ²⁺)	3500-Ca B	mg/l	75.0	44.3
8	Sulphate (as SO ₄)	4500-SO ₄ ²⁻ E	mg/l	200.0	21.2
9	Iron (as Fe)	APHA 4500 N _{org} B	mg/l	0.3	0.11
10	Magnesium (as Mg)	3500-mg B	mg/l	30.0	4.0

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Reviewed



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Approved by



Visiontek Consultancy Services Pvt. Ltd.

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Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

• Infrastructure Engineering
• Water Resource Management
• Environmental & Social Study

• Surface & Sub-Surface Investigation
• Quality Control & Project Management
• Renewable Energy

• Agricultural Development
• Information Technology
• Public Health Engineering

• Mine Planning & Design
• Mineral/Sub-Soil Exploration
• Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/22/R-4009

Date: 30.03.2023

EFFLUENT WATER ANALYSIS REPORT (STP)

1. Name of the Industry : M/s JAI PRABHUJI IRON & STEEL PVT. LTD
: Kandra Industrial Area, Kandra-828109
2. Sampling Location : Domestic Effluent Water
3. Date of Sampling : 13.03.2023
4. Date of Analysis : 14.03.2023 to 18.03.2023
5. Sample Collected by : Jai Prabhuji Iron & Steel Ltd Representative.

Sl. No	Parameters	Method of Testing (APHA 23 rd Edition)	Unit	Standard for discharge of Effluent in (Inland Surface Water)	Results
1	pH (at 25°C)	4500-H ⁺ B		5.5-9.0	6.71
2	Temperature	-----	°C	---	26.3
3	TSS	2540 D	mg/l	100.0	58.3
4	TDS	2540 D	mg/l	---	914.2
5	BOD (3 Days) at 27°C	IS 3025 (Part - 44): 1993	mg/l	30.0	8.1
6	COD	5220 B	mg/l	250.0	31.4
7	Oil & Grease	5520 B	mg/l	10.0	<1.0

P. Patil

Reviewed by



Fagmali Nayak
Approved by



Visiontek Consultancy Services Pvt. Ltd.

(Committed For Better Environment)

Certified for : ISO 9001:2015, ISO 14001:2015, ISO 45001:2018 (OH&S), ISO/IEC 17025:2017

Accredited by : NABET-A Grade, MOEF & CC/CPCB & SPCB-A Grade

- Infrastructure Engineering
- Water Resource Management
- Environmental & Social Study

- Surface & Sub-Surface Investigation
- Quality Control & Project Management
- Renewable Energy

- Agricultural Development
- Information Technology
- Public Health Engineering

- Mine Planning & Design
- Mineral/Sub-Soil Exploration
- Waste Management Services

Laboratory Services
Environment Lab
Food Lab
Material Lab
Soil Lab
Mineral Lab
&
Microbiology Lab

Ref: Envlab/22/R-4007

Date: 30.03.2023

LEACHEBILITY ANALYSIS REPORT

- Name of the Industry : M/s JAI PRABHUJI IRON & STEEL PVT. LTD
: Kandra Industrial Area, Kandra-828109
- Sampling Location : SI: Induction Furnace Slag Storing
- Date of Sampling : 13.03.2023
- Date of Analysis : 14.03.2023 to 18.03.2023
- Sample Collected by : Jai Prabhuji Iron & Steel Ltd Representative.

Sl. No.	Name of the Parameters	Unit	Testing Method	Govt. of India, MoEF & CC Schedule-II based on leachable concentration limits (TCLP) or Soluble Threshold limit Concentration (STLC), Class A 2016	Analysis Results
					S-1
01	Arsenic as As	mg/l	TCLP With Zero head Extraction Followed by Analysis in AAS & UV	5.0 mg/l	<0.001
02	Barium as Ba	mg/l		100.0 mg/l	0.028
03	Cadmium as Cd	mg/l		1.0 mg/l	<0.001
04	Chromium as Cr	mg/l		5.0 mg/l	<0.05
05	Lead as Pb	mg/l		5.0 mg/l	<0.01
06	Mercury as Hg	mg/l		0.2 mg/l	<0.001
07	Selenium as Se	mg/l		1.0 mg/l	<0.001
08	Iron as Fe	mg/l		--	0.24
09	Nickel as Ni	mg/l		20.0 mg/l	<0.01
10	Zinc as Zn	mg/l		250.0 mg/l	0.2
11	Manganese as Mn	mg/l		10.0 mg/l	<0.005
12	Cobalt as Co	mg/l		80.0 mg/l	<0.001
13	Copper as Cu	mg/l		25.0 mg/l	0.084
14	Vanadium as V	mg/l		24.0 mg/l	<0.001
15	Aluminium as Al	mg/l		--	<1.0
16	Fluoride as F	mg/l		0.65 mg/l	2.6

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Annexure - 4

भारत सरकार
जल शक्ति मंत्रालय
जल संसाधन, नदी विकास
और गंगा संरक्षण विभाग
केन्द्रीय भूमि जल प्राधिकरण
Government of India
Ministry of Jal Shakti
Department of Water Resources,
River Development & Ganga Rejuvenation
Central Ground Water Authority

(भूजल निकासी हेतु अनापत्ति प्रमाण पत्र)

NO OBJECTION CERTIFICATE (NOC) FOR GROUND WATER ABSTRACTION

Project Name:	M/s Jaiprabhuji Iron And Steel Pvt Ltd		
Project Address:	Kandra Industrial Area, P.o. Bhitia,, Govindpur, Dhanbad, Jharkhand		
Village:	Bhitia	Block:	Govindpur
District:	Dhanbad	State:	Jharkhand
Pin Code:			
Communication Address:	M/s Jaiprabhuji Iron And Steel (p) Ltd, 27, Weston Street, 6th Floor, Room No.- 611, Kolkata- 700012, , Kolkata, West Bengal - 700012		
Address of CGWB Regional Office :	Central Ground Water Board Mid Eastern Region, 6th & 7th Floor, Lok Nayak Jai Prakash Bhawan, Frazer Road Dak Banglow, Patna, Bihar - 800011		

1. NOC No.:		CGWA/NOC/IND/ORIG/2021/10346													
2. Application No.:		21-4/509/JH/IND/2019					3. Category: (GWRE 2017)		Safe						
4. Project Status:		Existing Project					5. NOC Type:		New						
6. Valid from:		20/01/2021					7. Valid up to:		19/01/2024						
8. Ground Water Abstraction Permitted:															
Fresh Water				Saline Water				Dewatering				Total			
m³/day		m³/year		m³/day		m³/year		m³/day		m³/year		m³/day		m³/year	
51.00		15300.00													
9. Details of ground water abstraction /Dewatering structures															
Total Existing No.:2							Total Proposed No.:0								
		DW	DCB	BW	TW	MP	MPu	DW	DCB	BW	TW	MP	MPu		
Abstraction Structure*		0	0	2	0	0	0	0	0	0	0	0	0		
*DW- Dug Well; DCB-Dug-cum-Bore Well; BW-Bore Well; TW-Tube Well; MP-Mine Pit;MPu-Mine Pumps															
10. Ground Water Abstraction/Restoration Charges paid (Rs.):										45900.00					
11. Number of Piezometers(Observation wells) to be constructed/ monitored & Monitoring mechanism.							No. of Piezometers		Monitoring Mechanism						
									Manual	DWLR**	DWLR With Telemetry				
**DWLR - Digital Water Level Recorder							1		0	1	0				

(Compliance Conditions given overleaf)

This is an auto generated document & need not to be signed.

18/11, जामनगर हाउस, मानसिंह रोड, नई दिल्ली - 110011 / 18/11, Jamnagar House, Mansingh Road, New Delhi-110011

Phone: (011) 23383561 Fax: 23382051, 23386743

Website: cgwa-noc.gov.in

पानी बचाये - जीवन बचाये
SAVE WATER - SAVE LIFE

JAI PRABHUJI IRON & STEEL PRIVATE LIMITED

JAI PRABHUJI

MANUFACTURERS OF QUALITY M.S. BILLET

Works : C-21-25, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)
Regd. Office : Kalpana Villa, Midway Nursing Home Lane, Near Barakar Bus Stand South,
 P.O.- Barakar - 713343, Dist.- Paschim Burdwan (W.B.)
Email : jai_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com
Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615
Mobile : 9431125242 • 9431124208

CSR ACTIVITIES: PERIOD 1.10.2022 TO 31.03.2023

SL NO	ACTIVITY	AMOUNT SPENT in Rs.
1.	Shri Ganga Gausala	7,500.00
2.	Bhitia Sports Club	3,000.00
	Total	Rs. 10,500.00

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary
 Director

!! वन्दे धेनु मातरम् !!



श्री गंगा गौशाला



(कतरास - करकेन्द)

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 7903415635, 8434761000

2313

सरीद नं0

दिनांक 21.11.22

श्रीमती/श्रीमान

जयशंकर आशु पंड लील
प्रा0 लिल0 गौविन्दपुर

पता

दाता का पेन नं0

मो0

भेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद

पंजीकरण संख्या - AABTS6018BF201S FOR 12A

AABTS6018BF20213 FOR 80G

विवरण

रुपया

मु (गि-लेवा)
अनुवृत्त

1500/-



रु0 शब्दों में

कुल राशि
एक हजार पांच सौ

1500/-

चेक विवरण

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

महासचिव

प्राप्तकर्ता

!! वन्दे धेनु मातरम् !!



श्री गंगा गौशाला

(कतरास - करकेन्द)



2815

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 7903415635, 8434761000

रसीद नं0

2022-23

दिनांक 22.12.22

श्रीमती/श्रीमान

अमर उग्र आगल सिंह लील

पता

गोविन्दपुर

दाता का पेन नं0

मो0

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद पंजीकरण संख्या - AABTS6018BF2015 FOR 12A

AABTS6018BF20213 FOR 80G

विवरण

रुपया

५ मि-लेवा

1500/-

बबल

कुल राशि

1500/-



रु0 शब्दों में

एक हजार पांच सौ रु

चेक विवरण

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

महासचिव

प्राप्तकर्ता

!! वन्दे धेनु मातरम् !!



श्री गंगा गौशाला



(कतरास - करकेन्द)

3403

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 7903415635, 8434761000

रसीद नं0

दिनांक 21.1.23

श्रीमती/श्रीमान

जम पुत्रु मामान एस लील

पता

जैविन्दपुर

दाता का पेन नं0

मो0

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद

पंजीकरण संख्या - AABTS6018BF2015 FOR 12A

AABTS6018BF20213 FOR 80G

विवरण	रुपया
दुरमि-लेना	1500/-
दिसावा	
कुल राशि	1500/-
रु0 शब्दों में	एक हजार पांच सौ
चेक विवरण	



PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

महासचिव

प्राप्तकर्ता

!! वन्दे धेनु मातरम् !!



श्री गंगा गौशाला

(कतरास - करकेन्द)



4031

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

पो0 : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 7903415635, 8434761000

रसीद नं0

दिनांक 21.2.23

श्रीमती/श्रीमान

जयप्रकाश कुमार एस सील जाल्मि

पता

जे वि द फुल

दाता का पेन नं0

मो0

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद

पंजीकरण संख्या - AABTS6018BF2015 FOR 12A

AABTS6018BF20213 FOR 80G

विवरण	रुपया
5 (मि-लेव) जानवरी	1500/-
कुल राशि	1500/-

रु0 शब्दों में एक हजार पाने ली है

चेक विवरण

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

महासचिव

प्राप्तकर्ता

!! वन्दे धेनु मातरम् !!



श्री गंगा गौशाला



(कतरास - करकेन्द)

झारखण्ड गौ सेवा आयोग, पंजीयन संख्या - 03/2007-08

4594

पो० : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 7903415635, 8434761000

रसीद नं०

दिनांक 22-3-23

श्रीमती/श्रीमान

जमपुत्रु भागल एंड एल
श्री लि

पता

गोविन्दपुर

दाता का पेन नं०

मो०

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप दी गई राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद

पंजीकरण संख्या - AABTS6018BF2015 FOR 12A

AABTS6018BF20213 FOR 80G

विवरण	रूपया
५ (मि - लेवा) म (वनी)	1500/-
कुल राशि	1500/-
रु० शब्दों में	एक हजार पंच सौ ₹
चेक विवरण	

PNB A/c No.- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

महासचिव

प्राप्तकर्ता



Scanned with OKEN Scanner



BHITIA SPORTS CLUB



BHITIA STADIUM, KANDRA INDUSTRIAL AREA, BHITIA
GOVINDPUR, DIST.- DHANBAD, PIN 828109

Sl. No. 142

23/01/23

Received with thanks from

Date.....



Sri/Smt. Joni Bresthuppi son of Sri Arun. Pandey
Shol on a Govindpur - Dhanbad
the sum of Rupees Three Thousand only

as Donation/Subscription for promoting Sports & other
Activities.

₹ 3000/-

vel. S. S. S. S. S.
Collector



JHARKHAND STATE POLLUTION CONTROL BOARD

TOWNSHIP ADMINISTRATION BUILDING, HEC COMPLEX, DHURWA, RANCHI 834004

Telephone: 0651-2400850 (Fax)/ 2400851/2400852/2401847/2400979/240013

Ref. No.: B-1156

Ranchi, Dated: - 17/06/2022

Verification Of Certificate On " No Increase In Pollution Load" In Accordance With MoEF&CC, Govt. Of India Notification No. S.O. 236 (E) Dated 16.01.2020 and Notification No. No. S.O. 980 (E), Dated 02.03.2021 Submitted by M/S Jai Prabhuji Iron & Steel Pvt. Ltd. ,At- Kandra Industrial Area, Govindpur, Dist.- Dhanbad, State: Jharkhand For Product Mix For Production Of 36000 TPA M.S. Billets In Place Of 36000 TPA M.S. Ingot Through Installed CCM Without Altering The Overall Production Quantity, Technology Keeping Overall Production Of 36000 TPA same as mentioned In The Environment Clearance (E.C)

1. Environmental Clearance (EC) from Ministry of Environment, Forests & Climate Change (MoEF& CC) vide MoEF&CC letter ref. no. F.No.J.-11011/180/2010-IA-I (I) dated 13.07.2011 for expansion M.S. Ingots manufacturing from 21600 TPA to 36000 TPA and installation of submerged arc furnace to manufacture 15000 TPA of Silico-manganese ferro-alloy.
2. The Submerged Arc Furnace (2 x 5 MVA) not installed by JPISPL. Only 36000 TPA M.S. Ingots was being produced through Induction Furnace.
3. Consent to Operate has been granted by JSPCB vide ref JSPCB/HO/RNC/CTO-3706288/2018/1699 dated 30.10.2018 valid up to 31.12.2023
4. An application has been made by the Project Proponent to Ministry of Environment, Forests & Climate Change (MoEF& CC) vide proposal no. IA/JH/IND/3121/2011 dated 24.02.2018 for amendment in Existing Environment Clearance ref. no. F.No.J.-11011/180/2010-IA-I (I) dated 13.07.2011 for:
 - i. Production of 36000 TPA M.S. Billets only in place of M.S. Ingot from the existing Induction furnace (1x3T & 2x6T) by installing CCM.
 - ii. Dropping of proposal for installation of Submerged Arc Furnace unit (2x5 MVA) for production of 15000 TPA silico-manganese from approved EC in 2011.
5. The Ministry of Environment, Forests & Climate Change (MoEF& CC) vide ref. no. J11011/180/2010-IA.II(I) dated 06.11.2019 has directed the Project Proponent to follow the procedure of section 7 (ii)(c) EIA Notification, 2006 for the proposal cited above.

(SK)

TH

6. Industry has submitted the proposal on PARIVESH portal on 25.10.2021
7. The MoEF&CC, Government of India has amended the EIA notification 14th September, 2006 by notification vide S.O. 980 (E), dated 02.03.2021 which stipulates "Any increase in production capacity in respect of processing or production or manufacturing sectors (listed against item numbers 2,3, 4 and 5 in the Schedule to this notification) with or without any change in (i) raw material-mix or (ii) product-mix or (ii) quantities within products or (ii) number of products including new products falling in the same category or (iv) configuration of the plant or process or operations in existing area or in areas contiguous to the existing area (for which prior environmental clearance has been granted) shall be exempt from the requirement of Prior Environmental Clearance provided that there is no increase in pollution load (derived on the basis of such Prior Environmental Clearance)".
8. The Project Proponent has received No Increase In Pollution Load Certificate from the third- party auditor empanelled by the Board (i.e. MECON) for the proposal.
9. The proposal was discussed in the Technical cum Verification Committee meeting for issue of "No Increase of Pollution Load Certificate" held on 09.05.2022

Considering the above the Committee recommended for issue of "No Increase of Pollution Load Certificate" for keeping overall production same with the following conditions:

- (i) The Proponent shall inform to the MoEF&CC, Govt. of India about verification of "No Increase of Pollution Load Certificate" for Product Mix for production of 36000 TPA M.S. Billets in place of 36000 TPA M.S. Ingot through installed CCM without altering the overall production quantity, technology keeping overall production of 36000 TPA same as that of EC and take additional pollution control measures, if any as advised by the MoEF&CC, Govt. Of India.
- (ii) The Proponent shall upload the " No Increase of Pollution Load Certificate" for the proposal on the online portal developed by MoEF&CC, Govt. of India for No Increase in Pollution Load Certificate and shall submit the copy of screenshot of the same along with the application for Consent to Establish for the proposal.
- (iii) The Proponent shall be allowed for trial run for 06-months for operation for Product Mix for production of 36000 TPA M.S. Billets in place of 36000 TPA M.S. Ingot through installed CCM without altering the overall production quantity, technology keeping overall production of 36000 TPA same as that of EC. During the trial run period, a joint inspection and/or monitoring shall be

carried out twice jointly by the Regional Office, Head ad Office of The State Pollution Control Board, Jharkhand and the third- party auditor empanelled by the Board (i.e MECON) to check the adequacy of the existing pollution control measures for Product Mix for production of 36000 TPA M.S. Billets in place of 36000 TPA M.S. Ingot through installed CCM without altering the overall production quantity, technology keeping overall production of 36000 TPA same as that of EC. The monitoring shall be carried out in full rated capacity. All the parameters submitted in the report of "No Increase of Pollution Load" by the Proponent to be verified during this monitoring. Based on the satisfactory performance of the existing pollution control measures, final Consent to Operate will be considered.

- (iv) The Project Proponent shall take responsibility to satisfy itself about "No Increase of Pollution Load" as a result of changes, expansion or modernization, as the case may be before under taking such changes or increase, and the project proponent shall be liable for action under the provisions of the Environment (Protection) Act, 1986 if on verification of facts or claim it is found that such change or expansion or modernization involves increase in pollution load. In such case, action will be taken against the 3rd Party Auditor for providing such false information/data.

(Yatindra Kumar Das)
Member Secretary

To,

The Plant Head

Jai Prabhuji Iron & Steel Pvt. Ltd.,

At- Kandra Industrial Area, Govindpur,

Dist.- Dhanbad, State: Jharkhand.

TEST REPORT

Issued to:	Test Report No.	: SRL/JPISPL/MAR-N/23-02
M/s Jai Prabhuji Iron & Steel (P) Limited.	Report Issue Date	: 29.03.2023
At.: C- 21 to 24, Kandra Industrial Area,	Sample Receipt Date	: 22.03.2023
Govindpur, District: Dhanbad, Jharkhand.	Analysis Date	: 23.03.2023
(Application No.: 15801105 dt. 17.03.2023)		

Nature and Description of Sample	: Ambient Noise
Weather Condition	: Partly Cloudy
Atmospheric Temperature ($^{\circ}$ C)	: 34
Sample Collected by	: Rohit Kumar Singh
Any Other Information (if any)	: Nil

AMBIENT NOISE MONITORING DATA

Sl. No.	Monitoring Location	Date of Monitoring	Sound Pressure Level, dB(A)	
			Day Time (06.00-22.00 hr.)	Night Time (22.00-06.00 hr.)
1.	Near Main Gate	21.03.2023 to 22.03.2023	61.3	54.1
2.	Near Store Room	21.03.2023 to 22.03.2023	62.0	57.5
3.	Beside Temple	21.03.2023 to 22.03.2023	59.6	56.7

Norms: National Ambient Air Quality Standards (NAAQS) in respect of Noise as per CPCB, New Delhi,
Industrial Area: Day Time 75 dB(A) Leq and Night Time 70 dB(A) Leq

OSHA Norms in work place for 8 hr. exposure: 90 dB (A)

(Dr. Niraj Kumar Singh)
Authorized Signatory

-- End of the Report --



सबका मालिक एक

OM SAI HOSPITAL & RESEARCH CENTRE

BICH BAZAR, GOVINDPUR, DHANBAD (JHARKHAND)

Ph. : 06540-262402, Mob. : 9470995789, 9709208001

Website : www.omsaihospital.org, Email : osh@omsaihospital.org



Date:- 20/02/2023

EMPLOYEE HEALTH REPORT OF JAI PRABHUJI IRON & STEEL PVT. LTD

SL.NO	NAME OF EMPLOYEE	X-RAY REPORT	P.F.T REPORT	REMARK
1.	FIROJ ANSARI	NAD	73%	
2.	SAMSHER ANSARI	NAD	76%	
3.	ASLAM ANSARI	NAD	75%	
4.	ASIF ANSARI	-----	-----	AB
5.	AJAY KUMAR SINHA	NAD	73%	
6.	IBRAR ALAM ANSARI	NAD	76%	
7.	MD. RIZWAN AFTAB	NAD	74%	
8.	SINGHASHAN SINGH	NAD	77%	
9.	DILIP KUMAR PATHAK	NAD	73%	
10.	RATISH JHA	NAD	75%	
11.	ASAD ANSARI	NAD	76%	
12.	VIVEKANAND	NAD	72%	
13.	INAMUL ANSARI	NAD	74%	
14.	KHURSHID ALAM	NAD	73%	
15.	SOHAL ANSARI	NAD	75%	
16.	SUBHASH CHANDRA VERMA	NAD	72%	
17.	MD. SAHID ANSARI	NAD	75%	
18.	MEGHU MAHATO	NAD	78%	
19.	SIDDIK ANSARI	NAD	74%	
20.	MD. JASIM ANSARI	-----	-----	AB
21.	JAINUL ANSARI	NAD	73%	
22.	CHANDA SINGH	NAD	75%	
23.	MD. SABUL ANSARI	NAD	72%	

Vikash Raman
Dr. Vikash Raman 20/2/2023

Director Medical

Om Sai Hospital & Research Centre.

Director Medical
Om Sai Hospital &
Research Centre

नोट : 24 घंटे सेवा उपलब्ध 24 Hours Service Available



- This is only Professional opinion and not a diagnosis
- It should be clinically co-related be cross-checked

JAI PRABHUJI IRON & STEEL PRIVATE LIMITED

JAI PRABHUJI

MANUFACTURERS OF QUALITY M.S. BILLET

Works : C-21-25, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)
Regd. Office : Kalpana Villa, Midway Nursing Home Lane, Near Barakar Bus Stand South,
 P.O.- Barakar - 713343, Dist.- Paschim Burdwan (W.B.)
Email : jai_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com
Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615
Mobile : 9431125242 • 9431124208

TOTAL EXPENDITURE ON EMP

SL NO	ACTIVITY	AMOUNT SPENT in
	Opening Total Expenditure till 30.09.2022	Rs. 57,83,799.00
Additional expenses between: 01.10.2022 to 31.03.2023		
1.	Salary of gardener and consumables	72,000.00
2.	Water Sprinkling for Dust	25,000.00
	Sub Total	Rs. 97,000.00
	Grand Total up to 30.09.2022	Rs. 58,80,799.00

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

From V
(see Rule 14)

Environmental Statement for the financial year ending the 31st March 2023,

PART-A

- 1) Name & Address of the Owner/ : **M/s Jai Prabhuji Iron & Steel Pvt. Ltd.**
Occupier of the industry operation : C- 21-24, Kandra Industrial Area,
Or process : Govindpur, Dhanbad – 828109
Jharkhand
- 2) Industry category primary: (STC Code): Iron Casting
- 3) Production capacity (Units): MS Billet - 36000 TPA
- 4) Date of the last environmental statement submitted: 09.06.2022
- 5) Year of establishment: 23.07.2004

PART- B

Water and Raw Materials Consumption

- (1) Water consumption per day : 21 KLD

Process	: Nil
Cooling	: 16 KLD
Domestic	: 03 KLD
Other	: 02 KLD

Name of the Products		Process water consumption per unit of Product output	
		During the previous Financial year	During the current financial year
Cooling		0.135 KL/T	0.136 KL/T
(ii) Raw Material Consumption			
Name of Material	Name of Product	Consumption of raw material per Unit of product output	
		During the previous financial year (2021-2022)	During the current financial year (2022-2023)
MS Scrap Sponge Iron, Cast Iron	MS Billet	1.261 T/T	1.263 T/T
Industry May use code if discharge details of Raw Materials would violate contractual obligation, otherwise and industries have to name the raw materials.			

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

<u>PART-C</u>			
Pollution Discharged in the Environment / unit Output (Parameter as certified in the consent issued)			
1. Pollutants	Quantity of pollutants discharged (Mass/day)	concentrations of pollution in discharged (Mass/day)	Variation from prescribed with reasons
(a) Water	Zero Ind. Effluent Discharge maintained with recycling	NA	NA
(b) Air	Within norms	Monitoring reports Enclosed.	NA

<u>PART-D</u>		
Hazardous Wastes (As specified under Hazardous Waste/Management and Handling Rules, 1989)		
Hazardous Waste	Total Quantity (Kg.)	
	During the previous Financial year	During the current financial year
(a) From Process	Nil	Nil
(b) From pollution Facilities	Nil	Nil

<u>PART-E</u>		
Solid Waste		
	Total Quantity (in MT.)	
	During the previous Financial year (2021-2022)	During the current Financial year (2022-2023)
(a) From Process	9366 MT	9444 MT
(b) From Pollution Control Facilities	Nil	Nil
1. Quantity received or re-utilized Within the unit		
2. Solid	9300 MT	9400 MT (disposed)
3. Disposed		

For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

PART-F

Please specify the characterization (in the term of consumption and quantity) of Hazardous as well as solid waste and disposal practice adapted for both these Categories of waste.

Solid Waste (Slag) is to outside parties (Rama Metal Udyog, Kajora, WB) for metal extraction and re-use in construction filling.

PART-G

Impact of the pollution abatement measures taken on conservation of natural resource and on production

This work zone environment is maintained and hence efficiency of workers improved.

PART-H

Additional measures/ investment proposal for environmental protection including abatement of pollution, prevention of pollution.

FES with Scrubber has been installed, other measures as per direction of the Board

PART-I

Any other particulars for improving the quantity of the environment.

Tree Plantation has been done and maintained properly, Water spraying is done when and where is required. Further plantation is being carried out in the plant premises.

For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director



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-3706288/2018/1699

Dated : 2018-10-30

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 2018-10-05 of Jai Prabhuji Iron & Steel Pvt. Ltd., Occupier Name :Prabhu Singh for consent under section 25 (1)(b)/25 (1) (c)/26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21(1) of the Air (Prevention & Control of Pollution) Act,1981..

2. Documents Relied Upon:

(a) The content of Environmental Clearance (EC), vide Ref. No. J-11011/180/2010-IA (I), dated.13.07.2011.

(b) The content of Consent-to-Establish (CTE), vide Ref. No. JSPCB/HO/RNC/CTE-1655200/2017/461, dated 07.09.2017.

(c) The content of Consent to Operate (CTO), Ref No.-JSPCB/HO/RNC/CTO-2090173/2018/283 dated 08.02.2018.

(d) The content of Inspection Report (I/R) vide Ref. No. 1370 dated 08.10.2018 of R.O., JSPCB, Dhanbad.

(e) The content of as a raw material the unit has uploaded letter of self declaration/undertaking to procure Raw material from valid source.

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 -Kashitar No. 124 , P S -Kandra Industrial Area , District -DHANBAD , as follows:

Project	Site-Area		Investment (Rs)	Product & Capacity	Period of CTO
	Plot Nos.	Area			
Before Expansion	At- Kandra Industrial Area at Mauza : Kashitar No. 124, Khata No. : 18, 04, 19, 23, 11, Plot Nos. : C-21 to C-24.	3.38 Acres	4.95 Crores (Existing) + 4.10 Crores = 9.05 Crores	M S Billets (in place of existing Ingots)- 36,000 TPA.	Date of issue to 31.12.2023

(A) Specific Conditions:

- (1). That, the occupier shall operate and maintain air pollution control Device regularly and keep record of it.
- (2). That, the occupier shall keep the maximum annual production below the capacity required for obtaining Environmental Clearance as per EIA Notification, 2006 and shall submit Annual production report to this office yearly;
- (3). That, the occupier shall utilize and dispose slag properly;
- (4) That, the occupier shall do water sprinkling at all dust generated areas and maintain good house keeping.
- (5) That, the occupier shall in no case dispose water outside the premises of the unit.
- (6) That, the occupier shall make the inside work area pucca and maintain it.
- (7) That, the occupier shall implement rain water harvesting system regularly and shall make arrangement properly to quench rain water.
- (8) That, the occupier shall do tree plantation in all vacant area of the premises and shall protect it for 05 years.
- (9) That, the occupier shall submit the compliance report along with all evidentiary documents and photographs of pollution control device .
- (10). That, the occupier shall if be found violating the consent to operate at any point of time during inspection of the plant by the competent authority, the consent to operate shall be revoked as per provision of the acts.
- (11) That, the occupier shall submit applications for renewal of consent under section 25 / 26 of the Water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of Pollution) Act, 1981 again 120 days prior to the date of expiry of this consent i.e. 31.12.2023 with documents showing compliance of all of the above conditions.

(B) General Conditions :

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

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

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

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

S N	Waste Type	Mode of Disposal
-----	------------	------------------

- (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

DILIP KUMAR Digitally signed
by DILIP KUMAR
Date: 2018.10.30
11:39:39 +05'30'

(Dilip Kumar)

Environmental Engineer

Memo No. : JSPCB/HO/RNC/CTO-
3706288/2018/1699

Dated : 2018-10-30

Copy to: Sri Prabhu Singh, Director, of M/s Jai Prabhuji Iron & Steel Pvt. Ltd., At- C-21 to 24, Kandra Industrial Area, Govindpur, Dhanbad/ Director of Industries, Government of Jharkhand, Ranchi/ Director of Mines, Government of Jharkhand, Ranchi/ Chief Inspector of factories, Ranchi/ Deputy Commissioner, Dhanbad/ D.F.O., Dhanbad/D.M.O., Dhanbad/ Regional Officer, R.O., Dhanbad for information & ensuring compliance of the above.

DILIP KUMAR Digitally signed
by DILIP KUMAR
Date: 2018.10.30
11:39:58 +05'30'

(Dilip Kumar)

Environmental Engineer

M/S JAI PRABHUJI IRON & STEEL PVT. LTD. KANDRA INDUSTRIAL AREA, DHANBAD		
COMPLIANCE REPORT OF CONSENT TO OPERATE		
Ref No. JSPCB/HO/RNC/CTO-3706288/2018/1699, Dated 2018-10-30		
SPECIFIC CONDITIONS		
1	That, the occupier shall operate and maintain air pollution control Device regularly and keep record of it.	Being Complied
2	That, the occupier shall keep the maximum annual production below the capacity required for the obtaining Environment Clearance as per EIA Notification 2006 and shall submit Annual production report to this office yearly	Agreed and complied.
3	That, the occupier shall utilize and dispose slag properly.	Being complied. Slag is send to Recovery unit and used for road construction.
4	That, the occupier shall do water sprinkling at all the dust generated areas and maintain good housekeeping.	Complied. Water sprinkling done at all dusty generating area and housekeeping maintained.
5	That, the occupier shall in no case dispose water outside the premises of the unit.	Being complied. No water discharged outside.
6	That, the occupier shall make the inside work area pucca and maintain it.	Being Complied

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R. K. Choudhary

Director

7	That, the occupier shall implement rain water harvesting system regularly and shall make arrangement properly to quench rain water.	Complied. Two no's of recharge pit made.
8	That the occupier shall do tree plantation in all vacant area of the premise and shall protect it for 05 years.	Plantation done in all around the factory premises and continued.
9	That the occupier shall submit the compliance report along with all evidentiary documents and photographs of pollution control device.	Complied, (Photographs of PCD attached)
10	That the occupier shall if be found violating the consent to operate at any point of time during inspection of the plant by the competent authority, the consent to operate shall be revoked as per provision of the acts.	Being Complied
11	That the occupier shall submit applications for renewal of the consent under section 25/26 of the water (Prevention & Control of Pollution) Act, 1974 and under section 21 of the Air (Prevention & Control of pollution) Act, 1981 again 120 days prior to the date of expiry of this consent i.e. 31.12.2023 with documents showing compliance of all of the above conditions.	Complied

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

GENERAL CONDITIONS

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), μm^3	Annual 24Hours	50 80	20 80
2	Nitrogen Dioxide (NO ₂), μm^3	Annual 24Hours	40 80	30 80
3	Particulate Matter (Size less than 10 μm) or PM10 μm^3	Annual 24Hours	60 100	60 100
4	Particulate Matter (Size less than 10 μm) or PM2.5 μm^3	Annual 24Hours	40 60	40 60
5	Ozone (O ₃), $\mu\text{g}/\text{m}^3$	8Hours 1Hour	100 180	100 180
6	Lead (Pb) $\mu\text{g}/\text{m}^3$	Annual 24Hours	0.50 1.0	0.50 1.0
7	Carbon Monoxide (CO) mg/m^3	8Hours 1Hour	02 04	02 04
8	Ammonia (NH ₃) $\mu\text{g}/\text{m}^3$	Annual	100 400	100 400
9	Benzene (C ₆ H ₆) $\mu\text{g}/\text{m}^3$	Annual 24Hours	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	Nikel (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.

AAQ maintained as per norms. Monitoring reports for the period attached

That, the occupier shall maintain quality within the standard and the quantity, as follows:

S.N.	Parameter	Standard
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Emission well within the standard limit. Monitoring reports attached

For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Chaudhary

Director

3	<p>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:</p> <table border="1"> <thead> <tr> <th>S.N.</th><th>Parameter</th><th>Standard</th></tr> </thead> <tbody> <tr> <td> </td><td> </td><td> </td></tr> </tbody> </table>	S.N.	Parameter	Standard				Wastewater reused and/or recycled. No discharge of any effluent outside the premises
S.N.	Parameter	Standard						
4	<p>That, the occupier shall dispose of solid wastes as follows:</p> <table border="1"> <thead> <tr> <th>S.N.</th><th>Waste Type</th><th>Mode of Disposal</th></tr> </thead> <tbody> <tr> <td> </td><td> </td><td> </td></tr> </tbody> </table>	S.N.	Waste Type	Mode of Disposal				Solid waste disposed as per norms.
S.N.	Waste Type	Mode of Disposal						
5	That, the occupier shall keep DG set(s) within acoustic enclosure and shall keep the height(s) of exhaust pipe(s) as per Central Pollution Control Board norm.	Silent type D.G. set installed and exhaust pipe raised as per norms						
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.	Rain water harvesting - cum - ground water discharge system installed as per guidelines. Two nos of recharge pit is made.						
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.	Greenery in the periphery and other available spaces are maintained. and being continued						
8	That, the occupier shall submit environmental statement with supporting stoichiometric calculations analyses reports, every year latest by 30 th September of the next financial year.	Environmental statement for the period ending March 2022 already submitted.						
9	That, the occupier shall submit report(s) duly monitored and issued by an NABL accredited / ISO 9001: 2007 certified laboratory in compliance sub-para (2), (3), (4) and (5) of paragraph 3 of this CTO yearly at required periodicity.	Reports of NABL accredited laboratory enclosed						

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

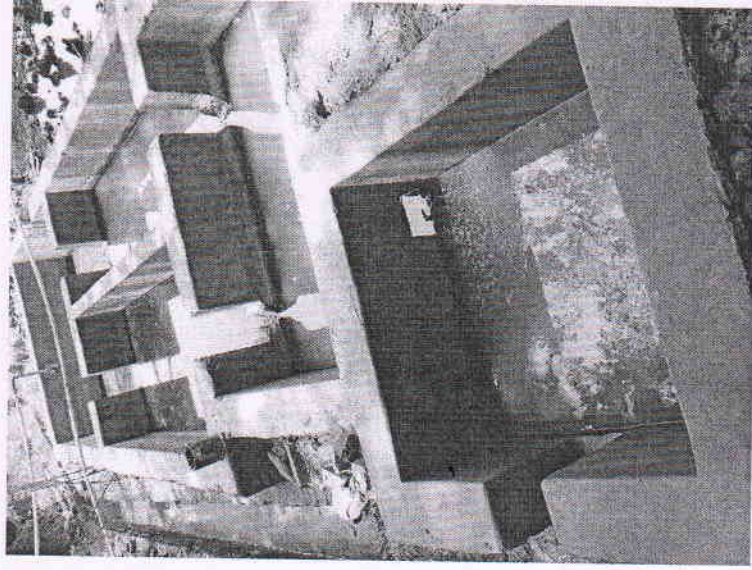
10	That, this CTO is valid subjected to the validity of mining lease/Mining Plan/Ecofriendly/ Environmental Clearance, if applicable. In case of no renewal of Mining Lease/Mining Plan, this consent shall be treated as revoked automatically.	Agreed
11	That, this CTO is issued from the environmental angle only and does not absolve the occupier from other statutory obligations prescribed under any 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.	All applicable statutory obligations are being complied.
12	That, this CTO shall not in any way, adversely affect or jeopardize the legal proceeding, if any instituted in 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.	Agreed
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.	All applicable provisions of the Acts and Rules are being complied.

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Chaudhary

Director

RWH & DG Set

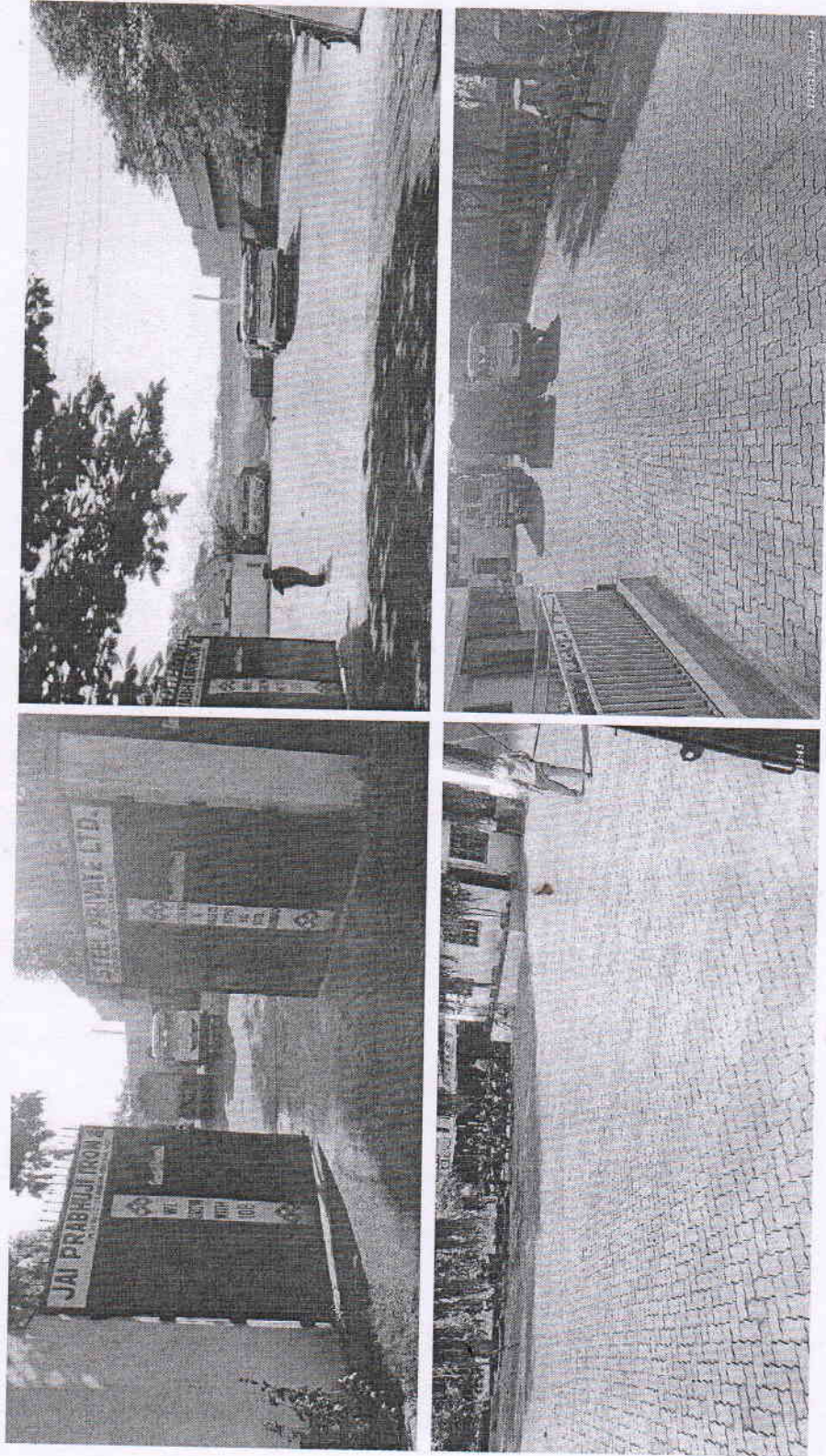


For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Chaudhary

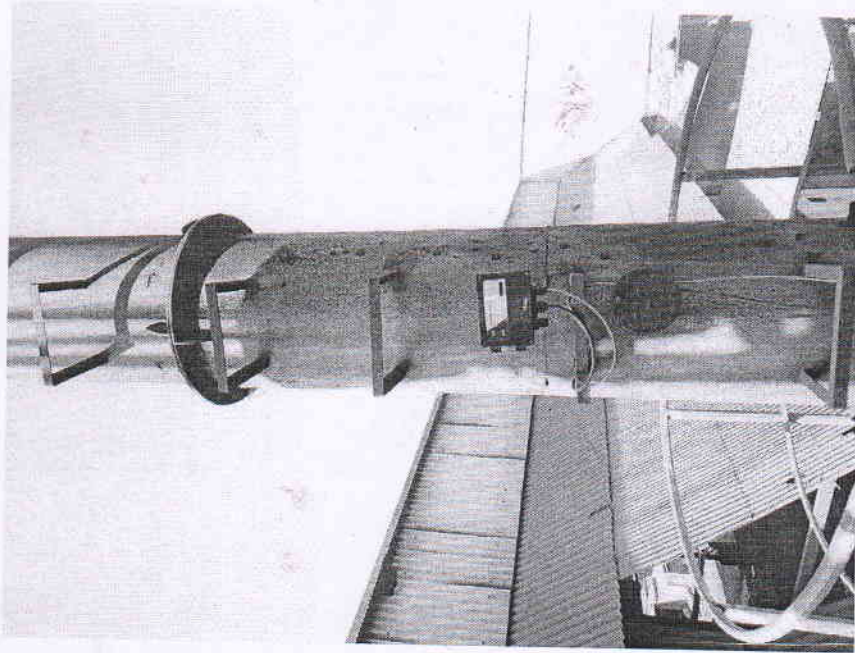
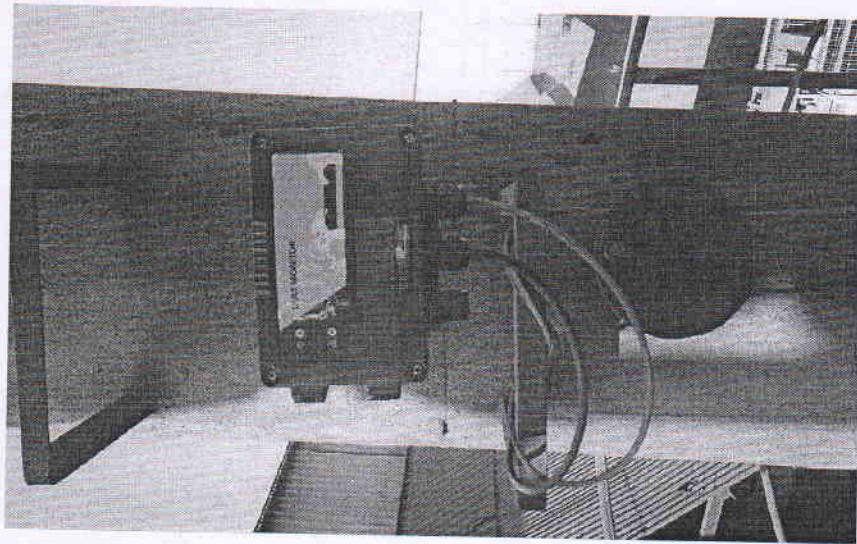
Director

Main Gate & ROAD



For Jai Prabhuj Iron & Steel Pvt. Ltd.
R.K. Chaudhary.
Director

Stack Online Monitoring

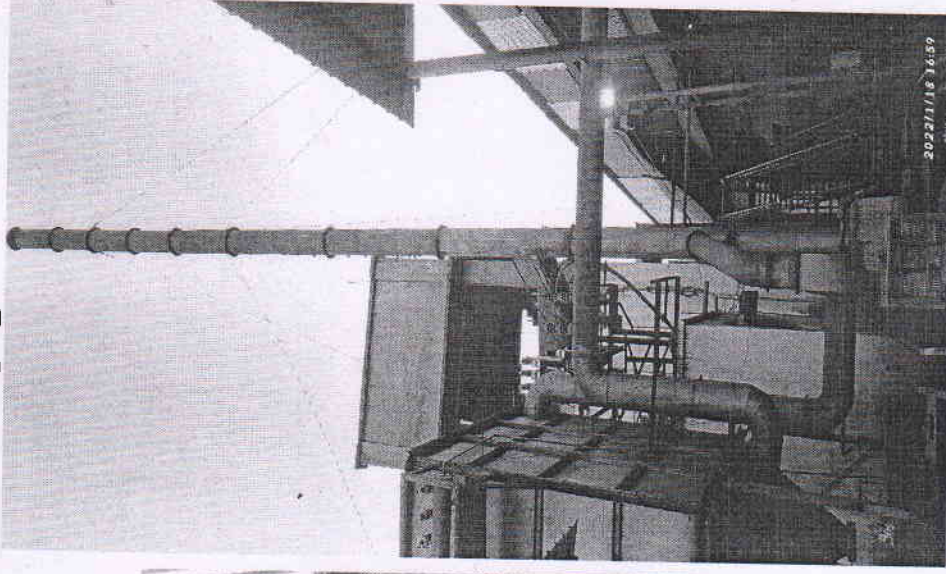
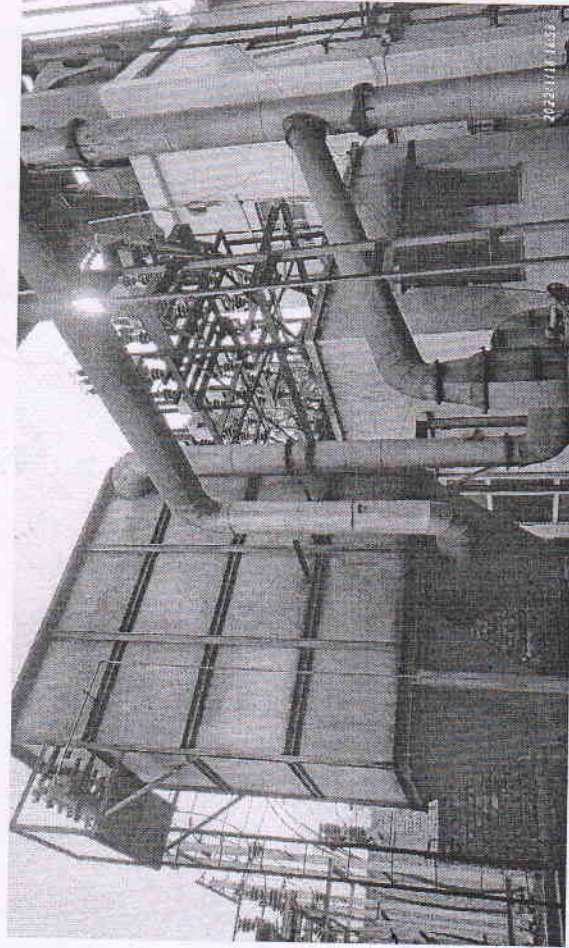


For Jai Prabhuj Iron & Steel Pvt. Ltd.

R-K. Choudhary

Director

Pollution Control Device

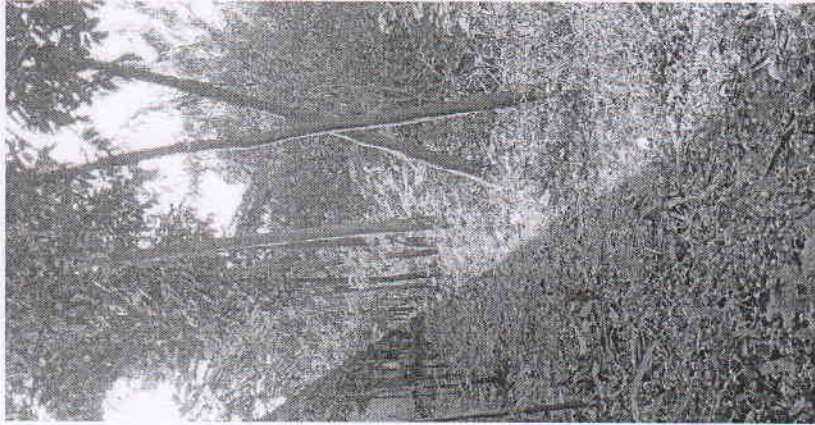


For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

Plantation



For Jai Prabhuj Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director