

JAI PRABHUJI IRON & STEEL PRIVATE LIMITED



JAI PRABHUJI

MANUFACTURERS OF QUALITY M.S. BILLET

Factory : C-21-24, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)
Regd. Office : 27, Weston Street, 6th Floor, Room No. 611, Kolkata - 700 012
Email : jai_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com
Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615
Mobile : 9431125242 • 9431124208

Ref. No. JPIS/Gen/ 038/22-23

Dated – 19.12.2022

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 April 2022 to 30th September 2022 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



Received
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19/12/22

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 April 2022 – 30 th September 2022)
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/Nm3.	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/Nm3. 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 51m3/day. 'Zero' effluent discharge shall be strictly followed and no wastewater should be discharged outside the premises.	Make up water requirement is below 51 m3/day (approx. 20 m3/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. Choudhary

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.
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 September 2022 are Rs. 32.82 spent on various activities. During this period of 01.04.2022 to 30.09.2022 amount of approx. Rs. 0.54 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. Choudhary

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 under process as per no increase in pollution load.
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 – 6
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 – 7.

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

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 – 8 . 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 criterial 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 2022 attached as Annexure - 9 .
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/NQC/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 - 10 .

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director



Test Report

Sample Number : VEL/S/01

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd
C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/S/2209170010

Format No : 7 8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022

Sample Description : Stack Emission Monitoring

General Information

Sampling Location : Furance Area
Sample Collected By : VEL Representative (Mr. Dilver)
Date of Sampling : 14/09/2022
Sampling duration (Minutes) : 38.0
Stack attached to : Induction Furnace
Make of stack : MS
Diameter of stack(m) : 0.35 Mtr.
Height of stack(m) : 30.48 Mtr.
Instrument calibration status : Calibrated
Meteorological Condition : Clear Sky
Ambient Temperature - Ta (°C) : 31.0
Temperature of Stack Gases - Ts (°C) : 78.0
Velocity of Stack Gases (m/sec.) : 7.84
Flow rate of PM (LPM) : 25.0
Flow rate of Gas (LPM) : 2.0
Sampling condition : Isokinetic
Protocol used : IS 11255 & EPA

S.No.	Test Parameters	Test Method	Results	Units	Limits as per CPCB
1	Particulate Matter (as PM)	IS:11255 (P-1), Gravimetric Method, RA:2003	21.68	mg/Nm3	150.0
2	Sulphur Dioxide (as SO ₂)	IS:11255 (P-2), Titrimetric Method, RA:2003	8.54	mg/Nm3	Not Specified
3	Oxide of Nitrogen (as NO _x)	IS:11255 (P-7), Colorimetric Method, RA:2012	49.11	mg/Nm3	Not Specified

End of Report

(Checked By)
JOHN SHEKHAWAT
DE. TECHNICAL MANAGER

(Approved By)
[Signature]
[Stamp]

Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
ISO 9001 | ISO 14001 | ISO 45001



Test Report

Sample Number : VEL/A/01

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.

C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/A/2209170008

Format No : 7 8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Main Gate
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/08
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/09/2022 To 15/09/2022
Time of Monitoring : 10:00 AM to 10:00 AM
Ambient Temperature (°C) : Min.26°C, Max.35°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	86.42	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	48.95	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	27.11	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	13.68	µg/m³	80

End of Report

(Checked By)

SUBODH SHEKHAWAT
D.Y. TECHNICAL MANAGER





Test Report

Sample Number : VEL/A/02

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.

C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/A/2209170009

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Store Room
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/09
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/09/2022 To 15/09/2022
Time of Monitoring : 10:15 AM to 10:15 AM
Ambient Temperature (°C) : Min.26°C, Max.35°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	89.11	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	45.82	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	25.38	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	11.64	µg/m³	80

End of Report

(Checked By)
SUBODH SHEKHAWAT
D.L. TECHNICAL MANAGER





Test Report

Sample Number : VEL/A/03

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.

C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/A/2209170010

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Temple
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/10
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/09/2022 To 15/09/2022
Time of Monitoring : 10:30 AM to 10:30 AM
Ambient Temperature (°C) : Min.26°C, Max.35°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	91.58	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	50.65	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	23.18	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	10.29	µg/m³	80

End of Report

Checked By
S. H. SHARMA
D. E. TECHNICAL MANAGER





Test Report

Sample Number : VEL/A/04

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.
C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/A/2209170011

Format No : 7 8 F-03

Party Reference No : By Mail

Reporting Date : 22/09/2022

Period of Analysis : 17/09/2022-22/09/2022

Receipt Date : 17/09/2022

Sample Description : AMBIENT AIR

General Information

Sampling Location : Near Transformer
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : RDS/FPS
Instrument Code : VEL/RDS/FPS/11
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/09/2022 To 15/09/2022
Time of Monitoring : 10:45 AM to 10:45 AM
Ambient Temperature (°C) : Min.26°C, Max.35°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : IS : 5182
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Results	Units	Limit as per CPCB
1	Particulate Matter (as PM -10)	IS:5182 (P-23), Gravimetric Method, RA:2006	83.62	µg/m³	100
2	Particulate Matter (as PM - 2.5)	IS:5182 (P-24), Gravimetric Method :2019	52.17	µg/m³	60
3	Nitrogen Dioxides (as NO2)	IS:5182 (P-6), Jacob & Hochheiser, RA:2006	28.44	µg/m³	80
4	Sulphur Dioxide (as SO2)	IS:5182 (P-2), Modified West and Gaeke, RA:2012	12.82	µg/m³	80

End of Report

(Checked By)

S. MODH SHEKHAR
DY. TECHNICAL MANAGER



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
ISO 9001 | ISO 14001 | ISO 45001



Test Report

Sample Number : VEL/WW/01
Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.
C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/WW/2209170005
Format No : 7.8 F-03
Party Reference No : By Mail
Reporting Date : 22/09/2022
Period of Analysis : 17/09/2022-22/09/2022
Receipt Date : 17/09/2022
Sampling Date : 14/09/2022
Sampling Quantity : 2.0 Ltrs.
Sampling Type : Grab

Sample Description : Waste Water (Domestic Effluent Water)
Location : --
Sample Collected By : VEL Representative (Mr. Dilver)
Environmental Condition : OK
Parameter Required : As per work order
Analysis Protocol : APHA & IS

S.No.	Test Parameters	Test Method	Result	Unit	Limits as per EPA (Sche.-VI)		
					Inland Surface Water	Public Sewers	Land for Irrigation
1	pH	APHA 4500 H+B Electrometric Method:2017	6.82	--	5.5 - 9.0	5.5 - 9.0	5.5 - 9.0
2	Total Suspended Solids,max	APHA 2540 D Gravimetric Method	42.0	mg/l	100.0	600.0	200.0
3	Total Dissolved Solids,max	APHA 2540 C Gravimetric Method	1024.00	mg/l	--	--	--
4	Oil & Grease,max	APHA 5520 B Partition Gravimetric Method:2017	*BLQ(**LOQ -0.4)	mg/l	10.0	20.0	10.0
5	Received Temperature	APHA Thermometer Method,2550 B:2017	24.0	°C	--	--	--
6	BOD (5 days @ 20°C),max	APHA 5210 C Ultimate BOD Test:2017	12.0	mg/l	30.0	350.0	100.0
7	COD, max	APHA 5220 B Open Reflux Method:2017	49.50	mg/l	250.0	--	--

*BLQ-Below Limit of Quantification,**LOQ-Limit of Quantification.

End of Report

Subodh
(Checked By)
SUBODH SHEKHAWAT
DY. TECHNICAL MANAGER





Test Report

Sample Number : VEL/W/01

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.

C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/W/2209170004

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 22/09/2022

Period of Analysis : 17/09/2022-22/09/2022

Receipt Date : 17/09/2022

Sampling Date : 14/09/2022

Sampling Quantity : 5.0 Ltrs.+250 ml

Sampling Type : Grab

Sample Description : Water Sample (Borewell Water)

Location : Outsite of the Plant

Sample Collected by : VEL Representative (Mr. Dilver)

Environmental Condition : OK

Sampling and Analysis Protocol : APHA & IS

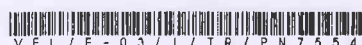
S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits

Table 1 Organoleptic and Physical Parameters

1	pH (at 25°C)	APHA 23rd Edition,4500 H+B Electrometric Method:2017	7.24	--	6.5 to 8.5	No Relaxation
2	Colour,max	APHA,23rd edition,2120 B	*BLQ(**LOQ-1 .0)	Hazen	5	15
3	Turbidity,max	APHA,23rd edition,2130 B	*BLQ(**LOQ-1 .0)	NTU	1	5
4	Odour	APHA,23rd edition,2150 B	Agreeable	--	Agreeable	Agreeable
5	Taste	APHA,23rd edition,2160 B	Agreeable	--	Agreeable	Agreeable
6	Total Dissolved Solids (at 180°C ± 1°C),max	APHA,23rd edition,2540 C	342.00	mg/l	500	2000

Table 2 General Parameters Concerning Substances Undersirable in Excessive Amounts

7	Calcium (as Ca),max	APHA,23rd edition,3500 Ca B	38.46	mg/l	75	200
8	Total Alkalinity (as CaCO ₃),max	APHA,23rd edition,2320 B	104.00	mg/l	200	600
9	Chloride (as Cl),max	APHA,23rd edition,4500 Cl B	41.50	mg/l	250	1000
10	Magnesium (as Mg),max	APHA,23rd edition,3500 Mg B	11.19	mg/l	30	100
11	Total Hardness (as CaCO ₃),max	APHA,23rd edition,2340 C	142.00	mg/l	200	600
12	Sulphate (as SO ₄),max	APHA,23rd edition,4500 E	22.65	mg/l	200	400
13	Fluoride (as F),max	APHA 23rd Edition,4500 F D SPADNS Method:2017	0.23	mg/l	1.0	1.5
14	Nitrate (as NO ₃),max	IS 3025 23rd Edition, (P-34), Chromotropic Method, RA:2003	7.65	mg/l	45.0	No Relaxation
15	Iron (as Fe),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0 .01)	mg/l	1.0	No Relaxation
16	Aluminium (as Al),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0 .002)	mg/l	0.03	0.2
17	Boron (as B),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0	mg/l	0.5	2.4



VEL/E-03/1/17/PN7554

Page No. 1/3

www.vardan.co.in



Test Report

Sample Number : VEL/W/01

Report No. : VEL/W/2209170004

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
17			.01)			
18	Total Chromium (as Cr),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.002)	mg/l	0.05	No Relaxation
19	Phenolic Compounds (C6H5OH),max	APHA 23rd Edition,5530 C Chloroform Extraction Method:2017	*BLQ(**LOQ-0.0004)	mg/l	0.001	0.002
20	Mineral Oil,max	IS:3025 (P-39) Clause 6	*BLQ(**LOQ-0.1)	mg/l	1.0	No Relaxation
21	Anionic Detergents (as MBAS),max	IS 13428 Anex K/ IS 3025(Part-68)	*BLQ(**LOQ-0.05)	mg/l	0.2	1.0
22	Zinc (as Zn),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.01)	mg/l	5.0	15.0
23	Copper (as Cu),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.002)	mg/l	0.05	1.5
24	Manganese (as Mn),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.01)	mg/l	0.1	0.3
25	Selenium (as Se),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.001)	mg/l	0.01	No Relaxation
Table 3 Parameters Concerning Toxic Substances						
26	Cadmium (as Cd),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.002)	mg/l	0.003	No Relaxation
27	Lead (as Pb),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.002)	mg/l	0.01	No Relaxation
28	Cyanide (as CN),max	IS 3025 (P-27)	*BLQ(**LOQ-0.02)	mg/l	0.05	No Relaxation
29	Arsenic (as As),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.005)	mg/l	0.01	No Relaxation
30	Mercury (as Hg),max	IS 3025 (P-65):2014	*BLQ(**LOQ-0.0005)	mg/l	0.001	No Relaxation

Subodh
SUBODH SHEKHAWAT
D: TECHNICAL MANAGER





Test Report

Sample Number : VEL/W/01

Report No. : VEL/W/2209170004

Report No. : VEL/VV/220917/0004

S.No.	Test Parameters	Test Method	Results	Units	Requirement as per IS:10500-2012#	
					Acceptable Limits	Permissible Limits
Table 4 Bacteriological Quality of Drinking Water						
31	Total Coliform	IS 15185:2016	Absent	/100 ml	Shall not be detectable in any 100 ml sample	---
32	E.coli	IS 15185:2016	Absent	/100 ml	Shall not be detectable In any 100 ml sample	--

*BLO Below Limit of Quantification (ML CC 144-145)

*BLQ-Below Limit of Quantification, **LOQ-Limit of Quantification.

End of Report

(Signature)
(Checked By)

KHUSHBU SHARMA
Gen. Manager



(Signature)
(Approved By)





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:	Safe				
								(GWRE 2017)					
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	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**Factory : C-21-24, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)****Regd. Office : 27, Weston Street, 6th Floor, Room No. 611, Kolkata - 700 012****Email : jai_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com****Website : www.jpispl.com, CIN No. : U27104WB2003PTC096615****Mobile : 9431125242 • 9431124208****CSR ACTIVITIES: PERIOD 1.04.2022 TO 30.09.2022**

SL NO	ACTIVITY	AMOUNT SPENT in Rs.
1.	Shri Ganga Gausala	9,000.00
2.	Bhitia Sports Club	45,000.00
	Total	Rs. 54,000.00

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary,

Director



श्री गंगा गौशाला



(कतरास - कर्कंद)

ड्राफ्ट नं० सेवा आवोग, पंजीयन संख्या - 03/2007-08

पो० : कतरासगढ़, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

स्वीद नं०

2021-22-23

दिनांक 23.5.22

श्रीमती/श्रीमान

7890

जमिंदार का नाम

हरील जगु लाल

पता

गौविन्दपुर

दस्ता का पैन नं०

नं०

मेल पत्र

PAN - AABTS 6010B

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 अधिकार आवुक्त, धनबाद
पंजीकरण संख्या - ENo. CIT / DMR / TECH / 12A-2020/4103 Dated 15th March 2021

विवरण	रुपया
हरील-सेवा	1500/-
अप्रैल	
AABTS6010BF20213 for 80G AABTS6010BF20215 for 12A	
कुल राशि	1500/-
रु० राशियों में	एक हजार पचास रूपैयाँ
चैक दिवस	

PNB A/c No.- 8632000100012249

IFSC CODE - PUNB0668200

दस्ता का हस्ताक्षर

मंत्री

आमंत्रित

!! वन्दे देवु मातसु !!



श्री गंगा गौशाला

(वत्सरास - करकेन्द)



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

पो : वत्सरास, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

सहीद नं० 8357 2022-23 दिनांक 20.6.22

श्रीमती/श्रीमान जय प्रकाश कुमार हस हरील
डा० लि०

पता गौविन्दपुर

दाता का पैन नं० नं०

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप की गई राशि में आवक अधिनियम 1961 के
घात 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आवक आदेश, धनबाद
पंजीकरण संख्या - ENo. CIT / DNY / TECH / 12A-302010/4188 Dated 15th March 2011

विवरण	रुपया
<u>कुरानि लेवा</u> <u>मई</u>	<u>1500/-</u>
AABTS6018BF20213 for 80G AABTS6018BF20215 for 12A	
कुल राशि	<u>1500</u>
रु० शब्दों में <u>एक हजार पचासों ₹</u>	
चेक विवरण	

PNB A/c No.-6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मं०
मंत्री

डॉ. गंगा
प्राप्तकर्ता

!! ददे येनु मातरम् !!



श्री गंगा गौशाला

(कृत्रास - कस्केन्द)



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

प्लो : कृत्रासमड, जिला : धनबाद - 828113

Mob. No. - 9835513883, 9279390132

संज्ञक नं० 8684 2002-2-23 दिनांक 26.7.22

श्रीगंगा/श्रीगंगा जम 503 आकाश प्स हील
510 लिल

पता जेवि-दुल

दाता का पैन नं० मो०

मेल पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा लेतु दान स्वरुप दी गई धरि में आयकर अधिनियम 1961 के
धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आयकर आयुक्त, धनबाद
पंजीकरण संख्या - FNo. CIT / DHN / TECH / 12A-202010/4188 Dated 15th March 2011

विवरण	रुपया
दुर्गमि-वेका 225	1500/-
AABTS6018BF20213 for 80G AABTS6018BF20215 for 12 A	
कुल राशि	1500/-
रु० राशि में एक हजार पचास के	
सेक विवरण	

PNB A/c No. - 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मं०

प्राप्तकर्ता

॥ वन्दे भगु नमोः ॥



श्री गंगा गौशाला

(कृतरस - कृतेन्द)

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

पो : कटरासाह, जिला : धनबाद - 828113

Mob. No.- 9835513883, 9279390132

संदि सं 9194 2022-23 दिनांक 20.8.22

पंजी/पंजीयन जमंडु आमान 15

पता एडील डा 10 लि 0

वता वर पेन सं गौवि-रपुल

मेत पता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वरूप योग्य राशि से आचर अगिनेम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार पत्र आचर आचर, धनबाद पंजीकरण संख्या - ENA. CIT / DIN / TERN / 12A-SC2010/4703 Dated 15th March 2011

विवरण	रुपया
दु (मि-देवा) मुलाई	1500/-
AABTS6018BF20213 for 80G AABTS6018BF20215 for 12A	
कुल राशि	1500/-
रु शब्दा में एक हजार पांच सौ ₹	
चेक विवरण	

PNB A/c No:- 6632000100012249

IFSC CODE - PUNB0663200

दाता का हस्ताक्षर

मंत्री

आमाप प्राप्तकर्ता

॥ वन्दे देवु मातरम् ॥



श्री गंगा गौशाला

(कृतरास - कर्कश्य)

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

पो० : कतरासगढ़, जिला : पल्लवा - 828113

Mob. No. - 9835513883, 9279390132

रसीद नं०

9926 2001-22-23 दिनांक 22-9-22

श्रीमती/श्रीमान

जयप्रभु कामान हेस्टली

पत्ना

जयविन्दपुर

माता का पैन नं०

मो०

मेल पत्ता

PAN - AABTS 6018B

श्री गंगा गौशाला को गौ सेवा हेतु दान स्वस्व की गई राशि से आयकर अधिनियम 1961 के
द्वारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकतम पत्र आयकर आयुक्त, पल्लवा
पंजीकरण संख्या - PAN, CH / DNH / TSN / 12A-302010/4168 Dated 15th March 2011

विवरण	रूपया
पुरमि-वैवा	1500/-
अगस्त	
AABTS6018BF20213 for 80G AABTS6018BF20215 for 12A	
कुल राशि	1500/-

रु० राशियों में

एक हजार पंच सौ

वेक विवरण

PNB A/c No. - 6632000100012249

IFSC CODE - PUNB0663200

माता का हस्ताक्षर

M. S.
महारी

श्रीमती
प्राप्तकर्ता

!! बन्दे बंदु नारायण !!

श्री गंगा गौशाला

(कल्याण - महाराष्ट्र)

843

इसलखंड नौ सेवा भाषण, पंजीयन संख्या - 03/2007-08

पता : कल्याण, जिला : दमबाद - 428113

Mob. No. - 7903415635, 8434761000

संविद सं०

2022-23

दिनांक 21.10-22

श्रीगंगा/श्रीगंगा

जगद्वि आगमन एस सील

प्राप्त लिखित

पता

गौविन्दपुरा

दस्ता का का सं०

कां०

सेवा प्रकार

PAN - AABTS 00198

श्री गंगा गौशाला की नौ सेवा हेतु प्राप्त स्वरूप की नौ राशि में आयकर अधिनियम 1961 के धारा 80(G) के तहत छूट प्राप्त होगी। छूट का अधिकार भद्र आयकर आयुक्त, दमबाद पंजीकरण संख्या - AABTS00180F015 FOR 12A

AABTS00180F015 FOR 12A

विवरण	रुपया
दुरुस्ती लेना	1500/-
वित्तकर्ता	/
कुल राशि	1500/-
नौ राशि सं०	एक हजार पान ली ₹
नौ दिवस	

PNB A/c No. - 6632000100012249

IFSC CODE - PUNB0663200

दस्ता का हस्ताक्षर

महाराष्ट्र

श्रीगंगा

प्राप्तकर्ता



BHITIA SPORTS CLUB



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

Sl. No.
098

Received with thanks from

Date 13/09/22



Sri/Smt. Jai Prakash Singh, Secy. Bhitia

the sum of Rupees Forty Five Thousand only

as Donation/Subscription for promoting Sports & other
Activities.



45000/-

nd. Shaquae
Collector

Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
ISO 9001 | ISO 14001 | ISO 45001



Test Report

Sample Number : VEL/N/01

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.

C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/N/2209170010

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022

Sample Description : AMBIENT NOISE

General Information

Sampling Location : Near Main Gate
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/10
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/09/2022 To 15/09/2022
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : Min.26°C, Max.35°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : CPCB
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
1	Leq	I S-9989	53.1	46.5	dB (A)
2	CPCB Limits in dB(A*) Leq (Industrial Area)	--	75	70	dB (A)
3	CPCB Limits in dB(A*) Leq (Residential Area)	--	55	45	dB (A)
4	CPCB Limits in dB(A*) Leq (Commercial Area)	--	65	55	dB (A)
5	CPCB Limits in dB(A*) Leq (Silent Zone)	--	50	40	dB (A)

Note-*A "decibel" is a unit in which noise is measured.

End of Report

Shroddi
(Checked By)

SHRODDH SHEKHAWAT
D.O. TECHNICAL MANAGER





Test Report

Sample Number : VEL/N/02

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.
C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/N/2209170011

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022

Sample Description : AMBIENT NOISE

General Information
Sampling Location : Near Store Room
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/11
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/09/2022 To 15/09/2022
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : Min 26°C, Max. 35°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : CPCB
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
1	Leq	I S-9989	51.8	43.9	dB (A)
2	CPCB Limits in dB(A*) Leq (Industrial Area)	--	75	70	dB (A)
3	CPCB Limits in dB(A*) Leq (Residential Area)	--	55	45	dB (A)
4	CPCB Limits in dB(A*) Leq (Commercial Area)	--	65	55	dB (A)
5	CPCB Limits in dB(A*) Leq (Silent Zone)	--	50	40	dB (A)

Note-"A" "decibel" is a unit in which noise is measured.

End of Report

Checked By
MOOH SHEKHAWAT
B.D. TECHNICAL MANAGER



Vardan EnviroLab

Laboratory: Plot No. 82A, Sector - 5, IMT Manesar, Gurugram - 122051 (Haryana)
ISO 9001 | ISO 14001 | ISO 45001



Test Report

Sample Number : VEL/N/03

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.
C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/N/2209170012

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022

Sample Description : AMBIENT NOISE

General Information

Sampling Location

Sample Collected By

Sampling Equipment used

Instrument Code

Instrument Calibration Status

Meteorological condition during monitoring

Date of Monitoring

Time of Monitoring

Ambient Temperature (°C)

Surrounding Activity

Scope of Monitoring

Sampling & Analysis Protocol

Sampling Duration

Parameter Required

: Near Temple
: VEL Representative (Mr. Dilver)
: Sound Level Meter
: VEL/SLM/12
: Calibrated
: Clear Sky
: 14/09/2022 To 15/09/2022
: 06:00 AM to 06:00 AM
: Min.26°C, Max.35°C
: Human & Vehicular Activities
: Regulatory Requirement
: CPCB
: 24.0 Hours
: As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
1	Leq	I S-9989	56.2	48.4	dB (A)
2	CPCB Limits in dB(A*) Leq (Industrial Area)	--	75	70	dB (A)
3	CPCB Limits in dB(A*) Leq (Residential Area)	--	55	45	dB (A)
4	CPCB Limits in dB(A*) Leq (Commercial Area)	--	65	55	dB (A)
5	CPCB Limits in dB(A*) Leq (Silent Zone)	--	50	40	dB (A)

Note-"A" "decibel" is a unit in which noise is measured.

End of Report

(Checked By)

SURODH SHEKHAWAT
D.O. TECHNICAL MANAGER

(Approved By)

Kushal Chandra

Page No. 1/1

VEL/E-03/1/1/1/PN7550

www.vardan.co.in

Ph: 0124-4343750/752/753, 9810355569, 9953147268 E-mail: lab@vardan.co.in, bd@vardan.co.in



Test Report

Sample Number : VEL/N/04

Name & Address of the Party : M/s Jai Prabhuji Iron & Steel Pvt. Ltd.
C 21- 24, Kandra Industrial Area, Govindpur, Dhanbad
(Jharkhand) - 828109

Report No. : VEL/N/2209170013

Format No : 7.8 F-03

Party Reference No : By Mail

Reporting Date : 21/09/2022

Period of Analysis : 17/09/2022-21/09/2022

Receipt Date : 17/09/2022


Sample Description : AMBIENT NOISE

General Information
Sampling Location : Near Transformer
Sample Collected By : VEL Representative (Mr. Dilver)
Sampling Equipment used : Sound Level Meter
Instrument Code : VEL/SLM/13
Instrument Calibration Status : Calibrated
Meteorological condition during monitoring : Clear Sky
Date of Monitoring : 14/09/2022 To 15/09/2022
Time of Monitoring : 06:00 AM to 06:00 AM
Ambient Temperature (°C) : Min.26°C, Max 35°C
Surrounding Activity : Human & Vehicular Activities
Scope of Monitoring : Regulatory Requirement
Sampling & Analysis Protocol : CPCB
Sampling Duration : 24.0 Hours
Parameter Required : As per work order

S.No.	Parameters	Test Method	Test Results		Units
			Day Time (6:00 am to 10:00 pm)	Night Time (10:00 pm to 6:00 am)	
1	Leq	I S-9989	54.8	45.2	dB (A)
2	CPCB Limits in dB(A*) Leq (Industrial Area)	--	75	70	dB (A)
3	CPCB Limits in dB(A*) Leq (Residential Area)	--	55	45	dB (A)
4	CPCB Limits in dB(A*) Leq (Commercial Area)	--	65	55	dB (A)
5	CPCB Limits in dB(A*) Leq (Silent Zone)	--	50	40	dB (A)

Note-"A" "decibel" is a unit in which noise is measured.

End of Report


(Checked By)
SUBODH SHEKHARAWAT
DY. TECHNICAL MANAGER





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-21.02.2022

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

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

Vikash Ranjan
 Dr. Vikash Ranjan
 Director Medical
 Om Sai Hospital &
 Research Centre, 21/2/2022

नोट : 24 घंटे सेवा उपलब्ध 24 Hours Service Available



- This is only Professional opinion and not a diagnosis
- It should be clinically co-related & cross-checked
- Report not valid for medico legal purpose

JAI PRABHUJI IRON & STEEL PRIVATE LIMITED

JAI PRABHUJI

MANUFACTURERS OF QUALITY M.S. BILLET**Factory :** C-21-24, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)**Regd. Office :** 27, Weston Street, 6th Floor, Room No. 611, Kolkata - 700 012**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 31.03.2022	Rs. 52,54,863.00
Additional expenses between : 01.04.2022 to 30.09.2022		
1.	Salary of gardener and consumables	61,200.00
2.	Up gradation & Maintenance of APCD	1,18,000.00
3.	Water Sprinkling for Dust suppression	40,000.00
4.	Updation and Maintenance	16,500.00
5.	Recurring Expenditure on operation of APCD	2,93,236.00
	Sub Total	Rs. 5,28,936.00
	Grand Total up to 30.09.2022	Rs. 57,83,799.00

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director

TAX INVOICE

GATE WAY ENVIRO ENGINEERS

NH2 , NEAR BANSARA MORE

P.S - RANIGANJ

PIN - 713358

GSTN - 19AAWFG6708M1ZH

TAX INVOICE NO. -

GWEE/22-23/03

DATE = 20/07/2022

TERMS OF PAYMENT

AGAINST DELIVERY

DESTINATION

DHANBAD

ORDER NO.

EMAIL

ORDER DATE

6/6/2022

CONSIGNEE:

Jai Prabhuji Iron & Steel Pvt LTD,

C 21-24, Kandra industrial area,

Govindpur, Dhanbad - 828109,

Jharkhand

GSTN - 20AABCJ3118J1Z2

SL	DESCRIPTION OF GOODS	HSN / SAC	QUANTITY	RATE	PER	GST	AMOUNT
1	REPAIR, MAINTENANCE AND COMMISSIONING LABOUR CHARGE OF BAGFILTER.			100000.00			100000.00
	IGST						18000.00
	TOTAL						118000.00

AMOUNT (in word): ONE LAKH EIGHTEEN THOUSAND ONLY

BASIS VALUE	IGS
100000.00	18.00%
	18000.00

FOR GATE WAY ENVIRO ENGINEERS

Prepared By

Verified By

This is Computer Generated Invoice





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- Software Development
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Date

Bill for updation and maintenance

S. No.	Description	Cost
1.	Website Upload Panel (updated)	8000.00
2.	Database Attachment	4500.00
3.	Maintenances and Service Cost	4000.00
	Total	16,500.00

[Rupees sixteen thousand five hundred only]



Thanks for doing business with us.

1

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TAX INVOICE

GATE WAY ENVIRO ENGINEERS W-12, NEAR SANSARA MORE P.S. - RAMGANJ PIN - 713358 GSTIN - 19AAWFG3705M1Z4	TAX INVOICE NO - GWEE/22-2302	DATE - 28/06/2022
	TERMS OF PAYMENT AGAINST DELIVERY	DESTINATION DHANBAD
CONSIGNEE: Jai Prabhaji Iron & Steel Pvt Ltd K-23-24, Kandra Industrial Area GOVINDPUR, DHANBAD Jharkhand PIN-828109 GSTIN - 20AAACG3118122	ORDER NO.	ORDER DATE
	EMAIL	08-06-2022

SL	DESCRIPTION OF GOODS	HSN / SAC	QUANTITY	RATE	PER	GST	AMOUNT
1	FILTER BAG (COLLAR TYPE) 150X2500 FAB - IMPORTED	5911	84	350.00	EACH	12%	29400.00
2	FILTER CAGE (COLLAR TYPE) 140 X 2450 10 VERTICAL, 13 RING WITHOUT VERTURE	8421	84	400.00	EACH	18%	33600.00
3	FAN 25000 AM3/H 350 STATIC PRESSURE	8421	1	187000.00	EACH	18%	187000.00
	IGST						250000.00
							43236.00
	TOTAL						253236.00
AMOUNT (in word): TWO LAKH NINETY THREE THOUSAND TWO HUNDRED THIRTY SIX ONLY							
	BASIS VALUE	IGST %					
	220600.00	18.00%		39708.00			
	29400.00	12%		3528.00			

FOR GATE WAY ENVIRO ENGINEERS			
Prepared By	Verified By		

This is Computer Generated Invoice

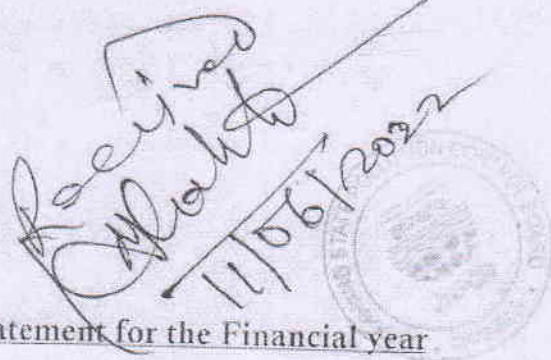
o/c

JAI PRABHUJI IRON & STEEL PRIVATE LIMITED**JAI PRABHUJI****MANUFACTURERS OF QUALITY M.S. BILLET****Factory :** C-21-24, Kandra Industrial Area, Govindpur, Dhanbad - 828 109 (Jharkhand)**Regd. Office :** 27, Weston Street, 6th Floor, Room No. 611, Kolkata - 700 012**Email :** jai_prabhuji@rediffmail.com • jaiprabhuji280@gmail.com**Website :** www.jpispl.com, CIN No. : U27104WB2003PTC096615**Mobile :** 9431125242 • 9431124208

Ref. No. JPIS/Gen/ 005/22-23

Dated – 08.06.2022

To,
The Regional Officer,
Jharkhand State Pollution Control Board,
Dhanbad.



Sub. – Submission of Environmental Statement for the Financial year ending 31st March, 2022.

Dear Sir,

With due respect we beg to say that we are submitting herewith environmental statement for the year 31st March 2022 in triplicate copy.

Kindly do the needful & oblige.

Thanking you & assuring you of our best attention at all time we remain.

Your's Truly,

For Jai Prabhuji Iron & Steel (P) Ltd.,

R.K. Choudhary

Director

Ry
Badri Naraya

CC:-

Member Secretary

JSPCB, T.A Division Building

HEC, Dhurwa Ranchi (Jharkhand)



From V
(see Rule 14)

Environmental Statement for the financial year ending the 31st March 2022.

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: 16.06.2021
- 5) Year of establishment : 23.07.2004

PART- B

Water and Raw Materials Consumption

- | | |
|-------------------------------|--------|
| (1) Water consumption per day | 20 KLD |
| Process | Nil |
| Cooling | 15 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		0.130 KL/T	0.135 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 (2020-2021)	During the current financial year (2021-2022)
MS Scrap, Sponge Iron, Cast Iron	MS Billet	1.275 T/T	1.261 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

PART-C

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

PART-D

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

PART-E
Solid Waste

	Total Quantity (in MT.)	
	During the previous Financial year (2020-2021)	During the current Financial year (2021-2022)
(a) From Process	9848 MT	9366 MT
(b) From Pollution Control Facilities	Nil	Nil
1. Quantity received or re-utilized Within the unit		
2. Solid	9840 MT	9300 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 Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director



GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

APPROVED BY JHARKHAND STATE POLLUTION CONTROL BOARD, (ISO 9001 & ISO 15189 CERTIFIED)

TEST REPORT

Sample Description	Ambient Air Quality	Sampling Details	
Job Registration ID	G/JRN/220312/AR-01	Sampling Date	11th-12th March.2022
ULR Number	Sample collected by	Birju munda & Team
Work Order No.	JSPCB-12694571	Sample receiving date	12-03-2022
Report Release Date	24-03-2022	Test Starting Date	14-03-2022
Issue to: M/s Jai Prabhuji Iron & Steel Pvt. Ltd C-21 to 24, Kandra Industrial Area, Govindpur, Dhanbad Dist-Dhanbad (Jharkhand)		Test Completion date	16-03-2022
		Sampling Protocol	IS 5182 (Parts-23,26 & 24)
		Metrological Information	
		Weather Condition	Clear
		Barometric Pressure	742 (in mmHg)
Type of Industries	Billets Mfg. Units	Wind Direction	North-East
		Average Temperature(°C)	25
Company Status	Operating	Relative Humidity(%)	78

Sampling Location	(A)- Near Main Gate	(B)- Near Store Room	(C)- Near Temple	(D)- Near Transformer
Latitude	(23°50'58.59" N)	(23°58'54.74" N)	(23°50'57.76" N)	(23°50'55.11" N)
Longitude	(86°28'42.15" E)	(86°28'40.88" E)	(86°28'44.00" E)	(86°28'42.05" E)
Sampling Time	08.15 Am to 08.15 Am	08.30 Am to 08.30 Am	08.45 Am to 08.45 Am	09.00 Am to 09.00 Am

Test Results

Parameters	Units	Sampling Location				Permissible Limit (as per NAAQ-2009)
		Site A	Site B	Site C	Site D	
Particulate matter (PM10)	µg/m3	90.23	91.48	95.36	96.39	100
Test Method - IS 5182 (Part-23)						
Particulate matter (PM 2.5)	µg/m3	44.22	46.39	44.36	48.96	60
Test Method IS 5182 (Part-24)						
Sulphur Dioxide(SO2)	µg/m3	15.1	19.2	17.4	16.9	80
Test method-IS 5182(Part-2)						
Nitrogen Dioxide(NO2)	µg/m3	30.2	35.6	36.9	34.5	80
Test Method-IS 5182(Part-6)						

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

- Remarks
- 1) Test values are found within the prescribed limit of National Ambient Air Quality(NAAQ 2009)
 - 2) The Test Report is in accordance with sample received and the test parameters.
 - 3) Any dispute is subject to Ranchi Jurisdiction Only.
 - 4) The Test report shall not be reproduced partially or whole for advertising or Legal entity.
 - 5) The Test report shall not be reproduced without the written approval of laboratory in-charge.

Abhishek K. Singh
Tested By(Analyst)

Anshu Gupta
Checked by (Section In-charge)

Sanjeev Kumar Singh
Issued By (Lab In-charge)

GEMS PROJECTS PVT. LTD. (ENVIRONMENTAL LABORATORY DIVISION)
B-21 to 24, Kandra Industrial Area, Govindpur, Dhanbad, Jharkhand - 834004

GEMS PROJECTS PVT. LTD. (ENVIRONMENTAL LABORATORY DIVISION)
B-21 to 24, Kandra Industrial Area, Govindpur, Dhanbad, Jharkhand - 834004

Phone: 0354-2775361, 0354-2775362

E-mail: gemssta17@gmail.com

E-mail: gems.projects@valido.in, info@gemsgroup.in

Website: www.gemsgroup.in



GEMS PROJECTS PVT. LTD.

(ENVIRONMENTAL LABORATORY DIVISION)

APPROVED BY JHARKHAND STATE POLLUTION CONTROL BOARD (JSPCB) & JHARSUGUDA CERTIFIED

TEST REPORT

Report Type	Stack Emission Monitoring	Sampling Details	
Job Registration ID	G/JRN/220312/STACK-01	Sampling Date	11th March. 2022
ULR Number	Sample Collected By	Birju munda & Team
Work Order No	JSPCB-12600904	Industry Type	Billets Mfg. Units
Report Release Date	10-03-2022	Company Status	Operating
Issue to		Sampling Protocol	IS 11255 Part(1,2,7)
M/s Jai Prabhuji Iron & Steel Pvt. Ltd.		Pollution Control System	Induction furnace-1,2&3
C-21 to 24, Kandra Industrial Area,		Shape Of Stack	Circular
Govindpur, Dhanbad (Jharkhand)		Weather Condition	Clear

General Information

Stack No. if any	Stack -01
Height of Stack from ground	in metre 30.48
Diameter of stack	in metre 0.35
Height of porthole from ground	in metre 9.4

Fuel Characteristic Report & Oven Description

Type of Fuel	Electricity
Fuel Consumption	7 MT/ Heat Each Furnace
Production Capacity
Total No. of Oven
Oven were in running

Result of Analysis	unit	Result	Method
Ambient temperature	in °C	26	IS 11255 : part(1)
Stack gas temperature	in °C	325	IS 11255 : part(1)
Stack gas velocity	in m/s	8.35	IS 11255 : part(3)
Volumetric flow rate	in Nm ³ /hr	2632.56	IS 11255 : part(3)
Concentration of Particulate Matter	in mg/Nm ³	36.95	IS 11255 : part(1)
Concentration of Sulphur dioxide	in mg/Nm ³	40.13	IS11255 : part(2)
Concentration of Oxides of Nitrogen	mg/Nm ³	26.98	CPCB Method

Emission Rate	Unit	Result
Dust	mg/Nm ³	0.10
Sulphure dioxide	mg/Nm ³	0.11
Nitrogen Dioxide	mg/Nm ³	0.07

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

Remarks

Dust Concentration was found within the prescribed limit.

1) The Test Report is in accordance with sample received and the test parameters.

2) Any dispute is subject to Ranch Jurisdiction Only.

3) The Test report shall not be reproduced partially or whole for advertising or Legal entity.

4) The Test report shall not be reproduced without the written approval of laboratory In-charge.

Abhishek Kr. Singh (Checked by)
(Analyst)

Anshu Gupta (Tested by)
(Section In-charge)

Sanjeev Kumar Singh (Issued By)

(Lab In-Charge)

Registered Office: 16/2, Lalpur, Nagla, Ranchi, Jharkhand - 834004

Rail School, Pandarg, Argota, Ranchi, Jharkhand - 834004

Contact: +91-9431115551, +91-9531115552

E-mail: gems.projects@yahoo.in, info@gemsproject.in

Head Office Address: Ranchi, Jharkhand - 834004

Head Office Address: Ranchi, Jharkhand - 834004

E-mail: ranchi@gemsproject.in

Website: www.gemsproject.in

Page 1 of 1



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

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• 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/21/R-5053

Date: 01.03.2022

EFFLUENT WATER ANALYSIS REPORT (STP)

1. Name of the Industry : M/s JAI PRABHUJI IRON & STEEL PVT. LTD
2. Sampling Location : Kandra Industrial Area, Kandra-828109
3. Date of Sampling : Domestic Effluent Water
4. Date of Analysis : 14.02.2022
5. Sample Collected by : 15.02.2022 to 20.02.2022
6. Sample Collected by : Mr. Sisir Kumar Roy from Jai Prabhuji Iron & Steel Ltd.

Sl. No	Parameters	Method of Testing (APHA 23 rd Edition)	Unit	Standards (IS:10500)	Results
1	pH (at 25°C)	4500-H ⁺ B		5.5-9.0	6.48
2	Temperature	-----	C	-----	25.4
3	TSS	2540 D	mg/l	100.0	51.2
4	TDS	2540 D	mg/l	2100.0	982.3
5	BOD (3 Days) at 27°C	IS 3025 (Part - 44) 1993	mg/l	30.0	7.2
6	COD	5220 B	mg/l	250.0	32
7	Oil & Grease	5520 B	mg/l	10.0	< 2.00

Reviewed by



Approved by



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

(Dilip Kumar)
Environmental Engineer

Dated : 2018-10-30

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

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

(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), µ/m ³	Annual 24Hours	50 80	20 80
2	Nitrogen Dioxide (NO ₂), µ/m ³	Annual 24Hours	40 80	30 80
3	Particulate Matter (Size less than 10 µm) or PM ₁₀ µ/m ³	Annual 24Hours	60 100	60 100
4	Particulate Matter (Size less than 10 µm) or PM _{2.5} µ/m ³	Annual 24Hours	40 60	40 60
5	Ozone (O ₃), µg/m ³	8Hours 1Hour	100 180	100 180
6	Lead (Pb) µg/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) µg/m ³	Annual	100 400	100 400
9	Benzene (C ₆ H ₆) µg/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

2

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. Choudhary

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. Choudhary

Director