



JAI PRABHUJI

# JAI PRABHUJI IRON & STEEL (P) LTD.

MANUFACTURERS OF QUALITY M. S. PENCIL INGOT

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

Mobile : 9431125242, 9431124208 • Email : jai\_prabhuji@rediffmail.com

CIN No. : U27104WB2003PTC096615

27  
June 19, 2019

To,  
Regional Officer (ECZ)  
Ministry of Environment, Forest and Climate Change,  
Regional Office (ECZ), Bungalow No. A-2, Shyamali Colony,  
Ranchi – 834002

**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 1<sup>st</sup> October 2018 to 31<sup>st</sup> March 2019 to the specified authorities. The same is enclosed for your information.

Thanking you,

Yours Faithfully,

-or Jai Prabhuji Iron & Steel Pvt. Ltd.

R. K. Choudhary

Director

Enclosure: Compliance Report





**COMPLIANCE OF ENVIRONMENTAL CLEARANCE**

**F. No. J-11011/180/2010- 1A II (I), dated 13.07.2011**

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

Sl	CONDITION	COMPLIANCE/ STATUS (status: 1 <sup>st</sup> October 2018 – 31 <sup>st</sup> March 2019)
<b>A.</b>	<b>SPECIFIC CONDITIONS:</b>	
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 <sup>th</sup> MoM of EAC meeting dated 17 <sup>th</sup> & 18 <sup>th</sup> September 2018 and exempted from amendment of EC (copy submitted with previous compliance report), thus no use of coke or charcoal envisaged in future also.
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 <sup>3</sup> .	Condition applicable for submerged Arc Furnace (SAF), which has been dropped as above – thus not applicable.  Only Induction Furnace unit in which Wet Scrubber 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 <sup>3</sup> . Copy of latest monitoring reports enclosed as <b>Annexure – 1</b>
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 <b>Annexure – 2.</b>
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 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 outside plant premises. All the leakages have been controlled. Water is used only for cooling purpose. Monitoring report for same attached as <b>Annexure - 3.</b>
vi)	Make up water requirement shall not exceed 51m <sup>3</sup> /day. 'Zero' effluent discharge shall be strictly followed and no wastewater should be	Make up water requirement is below 51 m <sup>3</sup> /day. Zero discharge maintained only domestic effluent routed to septic tank –soak pit within premises. No discharge

For Jai Prabhuji Iron & Steel Pvt. Ltd.

*R.K. Choudhary*  
Director



	discharged outside the premises.	outside the premises.
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 given 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 will be 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 and will be achieved within 6 months.
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. Details of ESC / CSR enclosed, for period Oct.'18 to March'19. During this period amount of Rs. 2.60 lakh spent on support to sports, education, drinking water, health & family welfare in the area. Acknowledgement of same attached as <b>Annexure – 4</b>
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. Plantation is continued in the premises and 33% will be achieved within 1 year. Pucca Roads will be completed within 6 months. All the other points shall be complied
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 Amendment of EC exempted (copy already submitted), as no change/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.	Latest AAQR & SMR 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 at septic tank followed soak pit. No industrial wastewater is discharged. Repair of Siltation Pond has been completed. Connecting the drain is in progress.
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)	There will be no cement grinding unit. DG set with acoustic enclosure has been installed. All noise levels below the permissible limits. NABL accredited Laboratory has been engaged for further monitoring work. Report of same is enclosed as <b>Annexure – 5</b>

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary

Director



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 same submitted with previous compliance. Latest check-up report attached as <b>Annexure – 6</b> .
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 <b>Annexure – 7</b> . The cost of Environment Control is on lower side as unit of Ferro Alloys (SAF) not installed. Pollution Control Equipments as required for SAF also not installed. 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 been submitted with previous compliance report.

For Jai Prabhuji Iron & Steel Pvt. Ltd.

R.K. Choudhary  
Director



xii	<p>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.</p>	<p>Earlier Website was not required by the Company. The company now has prepared a website (www.jpispl.com) which is active. Refining of the website is in process.</p> <p>Latest compliance status of EC and results of monitoring has been uploaded.</p>
xiii	<p>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.</p>	<p>It is being complied. Reports sent both in hardcopy and email to Regional Office of Ministry at Ranchi.</p>
xiv	<p>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.</p>	<p>We are submitting environmental statement every year. Copy of the Environmental statement for the year ending 31<sup>st</sup> March 2019 attached as <b>Annexure - 8</b>.</p>
xv	<p>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 <a href="http://envfor.nic.in">http://envfor.nic.in</a>. 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.</p>	<p>The paper cutting of the two local news paper in which information regarding grant of EC was published already submitted with previous compliance. The time line for Newspaper publication was overlooked by mistake. In future it will be taken care of in time.</p>

For Jai Prabhuji Iron & Steel Pvt. Ltd.

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xvi	<p>Project authorities shall inform the Regional Office as well as the Ministry, the data of financial closure and final approval of the project by the concerned authorities and the date of commencing the land development work.</p>	<p>Date of Financial closure is 14.12.2007 With Indian Overseas Bank.</p> <p>CTE from JSPCB obtained vide PC/NOC/DHN/01/2010/B-2474 dated 12.09.2011. land development work started after 15.09.2011.</p> <p>Commencement of Production of Induction Furnace was after obtaining CTO from of JSPCB</p>
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For Jai Prabhuji Iron & Steel Pvt. Ltd.

*R.K. Choudhary*

Director





# Eco Care



Certificate No. TC-5109

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Manoj Talkies Basement, Kumarpur

ASANSOL-713304 (W.B.)

ULR NO – TC510919000000331F

Format No. : EC/TRT/42/FM/01

## TEST REPORT

Report Release Date	: 13.03.2019	Sample Ref. No.(ARF)	: EC/ARF/29/190327
Test Report No	: EC/TR/42/03065	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Dust & Gaseous Emission	Sampling Date	: 11.03.2019
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 12.03.2019
Sample Details	: Stack Emission	Sampling Location	: Furnace Stack via APC System
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad - 828109 Jharkhand	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: TH – 276
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Remarks	: ----
		Deviation if any	: None

## GENERAL INFORMATION

1	Particular of the Plant	: M.S Ingot Unit
2	Emission Due to	: Process Activity
3	Stack Connected to	: Induction Furnace No – 1,2 & 3
4	Material of Construction	: M.S.
5	Stack Height from G.L.	: 30.48 m
6	Height of Sampling Port from G.L.	: 09.40 m
7	Height of Sampling Port from L.D.Z.	: ----
8	Dimension of Stack at Sampling Port	: 0.35 m
9	Shape of the Stack	: Circular
10	Working Load	: 7MT/heat each Furnace

## FUEL CHARACTERISTIC REPORT

1	Source of Energy	: Electricity
2	Energy Consumption	: ----
3	Calorific Value (K-Cal/Kg)	: ----

## RESULTS OF SAMPLING GASEOUS EMISSION ANALYSIS

### Method

1	Flue Gas Temperature	47 °C	IS 11255 : Part 3
2	Barometric Pressure	752 mm Hg	IS 11255 : Part 3
3	Velocity of Flue Gas	9.62 m/sec	IS 11255 : Part 3
4	Flue Gas Quantity	3143 NM <sup>3</sup> /hr	IS 11255 : Part 3
5	Concentration of Particulate Matter	42.11 mg/NM <sup>3</sup>	IS 11255 : Part 1
6	Concentration of Carbon Dioxide	2.6 %	IS 13270
7	Concentration of SO <sub>2</sub>	33.88 mg/NM <sup>3</sup>	IS 11255 : Part 2
8	Concentration of NO <sub>x</sub>	26.93 mg/NM <sup>3</sup>	IS 11255 : Part 7

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2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory

  
Authorised Signatory

Nupur Chatterjee  
B. Sc. M. Sc. (Env. Sc.)  
Dy Technical Manager





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ULR NO – TC510919000000262P

Format No. : EC/TRT/42/FM/04

## TEST REPORT

Report Release Date	: 12.03.2019	Sample Ref. NO.(ARF)	: EC/ARF/29/190305
Test Report No	: EC/TR/42/03006	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 01.03.19 to 02.03.19
Sample Collection by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 04.03.19 to 11.03.19
Sample Details	: Ambient Air	Sample Condition	: Sealed & Preserved
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad – 828109 Jharkhand	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

### Sampling Location: Near Main Gate

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>	IS 5182:Part 23:2006	100	76.88
2	Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>	EPA CFR40(pt50), Appendix 1	60	41.32
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	IS 5182:Part 2:2001	80	27.85
4	Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>	IS 5182:Part 6:2006	80	33.50
5	Lead (Pb), µg/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	1.0	0.12
6	Arsenic (As), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	6	< 0.50
7-	Nickel (Ni), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	20	< 0.50
8	Carbon Monoxide (CO), mg/m <sup>3</sup>	NDIR SPECTROSCOPY	2	0.185
9	Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>	INDO PHENOL BLUE METHOD	400	34.74
10	Benzo(Alpha) Pyrene, ng/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	0.114
11	Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>	CHEMICAL METHOD	180	30.54
12	Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	0.122

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

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Dy Technical Manager





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ULR NO – TC510919000000265P

Format No. : EC/TRT/42/FM/04


## TEST REPORT

Report Release Date	: 12.03.2019	Sample Ref. No.(ARF)	: EC/ARF/29/190305
Test Report No	: EC/TR/42/03009	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 01.03.19 to 02.03.19
Sample Collection by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 04.03.19 to 11.03.19
Sample Details	: Ambient Air	Sample Condition	: Sealed & Preserved
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad – 828109 Jharkhand	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

### Sampling Location: Near Store

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>	IS 5182:Part 23:2006	100	69.70
2	Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>	EPA CFR40(pt50), Appendix 1	60	35.04
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	IS 5182:Part 2:2001	80	30.90
4	Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>	IS 5182:Part 6:2006	80	32.58
5	Lead (Pb), µg/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	1.0	0.09
6	Arsenic (As), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	6	< 0.50
7	Nickel (Ni), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	20	< 0.50
8	Carbon Monoxide (CO), mg/m <sup>3</sup>	NDIR SPECTROSCOPY	2	0.178
9	Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>	INDO PHENOL BLUE METHOD	400	31.92
10	Benzo(Alpha) Pyrene, ng/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	0.124
11	Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>	CHEMICAL METHOD	180	33.23
12	Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	0.117

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Dy Technical Manager





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ULR NO – TC510919000000263P

Format No. : EC/TRT/42/FM/04

## TEST REPORT

Report Release Date	: 12.03.2019	Sample Ref. NO.(ARF)	: EC/ARF/29/190305
Test Report No	: EC/TR/42/03007	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 01.03.19 to 02.03.19
Sample Collection by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 04.03.19 to 11.03.19
Sample Details	: Ambient Air	Sample Condition	: Sealed & Preserved
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad – 828109 Jharkhand	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan &	
		Procedure	: EC/SOP/03/01
		Deviation if any	: None

### Sampling Location: Near Transformer

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>	IS 5182:Part 23:2006	100	73.90
2	Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>	EPA CFR40(pt50), Appendix 1	60	37.21
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	IS 5182:Part 2:2001	80	24.80
4	Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>	IS 5182:Part 6:2006	80	29.59
5	Lead (Pb), µg/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	1.0	0.07
6	Arsenic (As), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	6	< 0.50
7	Nickel (Ni), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	20	< 0.50
8	Carbon Monoxide (CO), mg/m <sup>3</sup>	NDIR SPECTROSCOPY	2	0.185
9	Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>	INDO PHENOL BLUE METHOD	400	43.22
10	Benzo(Alpha) Pyrene, ng/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	0.126
11	Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>	CHEMICAL METHOD	180	36.52
12	Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	0.133

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Dy Technical Manager





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E-mail : ecocareasansol@rediffmail.com  
Manoj Talkies Basement, Kumarpur  
ASANSOL-713304 (W.B.)

ULR NO – TC510919000000264P

Format No. : EC/TRT/42/FM/04


## TEST REPORT

Report Release Date	: 12.03.2019	Sample Ref. No.(ARF)	: EC/ARF/29/190305
Test Report No	: EC/TR/42/03008	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Suspended Dust & Gases	Sampling Date	: 01.03.19 to 02.03.19
Sample Collection by	: Mr. Sumit Sarkar & Team	Period of Analysis	: 04.03.19 to 11.03.19
Sample Details	: Ambient Air	Sample Condition	: Sealed & Preserved
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad – 828109 Jharkhand	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

### Sampling Location: Near Temple

SL NO	TESTS	PROTOCOL	Limit as per NAAQS	RESULT
1	Particulate Matter PM <sub>10</sub> µg/m <sup>3</sup>	IS 5182:Part 23:2006	100	63.89
2	Particulate Matter PM <sub>2.5</sub> µg/m <sup>3</sup>	EPA CFR40(pt50), Appendix 1	60	31.90
3	Sulphur Dioxide (SO <sub>2</sub> ), µg/m <sup>3</sup>	IS 5182:Part 2:2001	80	32.93
4	Nitrogen Dioxide (NO <sub>x</sub> ), µg/m <sup>3</sup>	IS 5182:Part 6:2006	80	34.42
5	Lead (Pb), µg/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	1.0	0.15
6	Arsenic (As), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	6	< 0.50
7	Nickel (Ni), ng/m <sup>3</sup>	AAS METHOD AFTER SAMPLING	20	< 0.50
8	Carbon Monoxide (CO), mg/m <sup>3</sup>	NDIR SPECTROSCOPY	2	0.159
9	Ammonia (NH <sub>3</sub> ), µg/m <sup>3</sup>	INDO PHENOL BLUE METHOD	400	46.04
10	Benzo(Alpha) Pyrene, ng/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	1	0.131
11	Ozone (O <sub>3</sub> ), µg/m <sup>3</sup>	CHEMICAL METHOD	180	42.80
12	Benzene (C <sub>6</sub> H <sub>6</sub> ), µg/m <sup>3</sup>	ABSORPTION & DESORPTION FOLLOWED BY GC ANALYSIS	5	0.125

1. Test values are reported based on the samples received.
2. Sample(s) will be destroyed after 7 days from date of issues of the Test Report subject to nature of Preservation. Sample will be preserved as per the standard method.
3. The Test report shall not be reproduced, without the written approval of laboratory.

  
Authorised Signatory  
Nupur Chatterjee  
B. Sc. M. Sc. (Env. Sc.)  
Dy Technical Manager





# Eco Care



Certificate No. TC-5109

Phone : (0341) 2252011

Fax : (0341) 2252011

Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

E-mail : ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

ASANSOL-713304 (W.B.)

ULR NO – TC510919000000266F

Format No. : EC/TRT/42/FM/05

## TEST REPORT

Report Release Date	: 12.03.2019	Sample Ref. No.(ARF)	: EC/ARF/29/190305
Test Report No	: EC/TR/42/03010	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Water	Sampling Date	: 02.03.2019
Sample Collected by	: Mr. Sumit Sarkar	Period of Analysis	: 04.03.19 to 07.03.19
Sample Details	: Effluent Water	Sampling Location	: Ingot Cooling Water
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad – 828109 Jharkhand	Sample Condition	: Sealed & Preserved
		Sample Stamped as	: "JPISL – 01"
		Sample Drawn By	: ECO CARE
		Remarks	: ----
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

Sl. No.	Parameters	Unit	Test Method (APHA 23 <sup>rd</sup> Edition)	Standards (EPR 1986 & IS 2296:1982)	Results
1	pH 23.8 °C		4500-H <sup>+</sup> B	5.5 – 9.0	6.61
2	Temperature	°C	----	----	23.8
3	TSS	mg/l	2540 D	100.0	57.10
4	TDS	mg/l	2540 C	2100.0	1261.50
5	BOD (3 days) at 27.0 °C	mg/l	IS 3025 (Part - 44): 1993	30.0	4.6
6	COD	mg/l	5220 B -	250.0	17.86
7	Oil & Grease	mg/l	5520 B	10.0	< 2.00

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Authorised Signatory

Nupur Chatterjee  
B. Sc. M. Sc. (Env. Sc.)  
Dy Technical Manager





झारखण्ड सरकार

# ग्राम पंचायत भितिया

ANNEXURE-4

गोविन्दपुर, धनबाद (झारखण्ड)

सलमा बीबी  
(मुखिया)

संरक्षक : गोविन्दपुर पंचायत अधिकार मंच ।

महासचिव : जिला पंचायत अधिकार मंच, धनबाद ।

आवासीय कार्यालय :

काण्डा, गोविन्दपुर, धनबाद

ईमेल - dhanbad1981@hotmail.com

मो0 : 9934567894 / 9431151247

पत्रांक : \_\_\_\_\_

दिनांक : 14/06/19

Jai Prabhiji iron and steel (P) Ltd  
Kandra industrial Area govindpur  
Dhanbad Jharkhand - Pin 828109.

Ref NO JPIS/GEN/021/19/20

Sub: certificate provided for different types  
of social welfare work done by them.

- |  |             |
|--|-------------|
| 1. Sports of other activities  | Rs 4,00,000 |
| 2. Books and bags provided to need students                                | 5,00,000    |
| 3. Drinking supply through Tankers<br>and cleanliness of village<br>drains | 60,000      |
| 4. Marriage of the needy poor girls  | 70,000      |
| 5. Health camp organised by you  | 20,000      |
| (Two lacs sixty thousand only)   | 2,60,000/-  |

Thanking you for the best attention  
and work done in our panchayat

Salma Bhi  
मुखिया  
ग्राम पंचायत भितिया  
गोविन्दपुर धनबाद  
14/06/19.





# Eco Care



Certificate No. TC-5109

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ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

E-mail : ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur

ASANSOL-713304 (W.B.)

ULR NO – TC510919000000267F

Format No. : EC/TRT/42/FM/07

## TEST REPORT

Report Release Date	: 12.03.2019	Sample Ref. No.(ARF)	: EC/ARF/29/190305
Test Report No	: EC/TR/42/03011	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Noise	Sampling Date	: 01.03.19 to 02.03.19
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Ambient Noise	Sample Condition	: ----
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad – 328109 Jharkhand	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

## METEOROLOGICAL INFORMATION

1	Average Temperature ( °C )	23.4
2	Average Relative Humidity (%)	45.0
3	Barometric Pressure (mm of Hg)	753
4	Weather Condition	Clear Day

## AMBIENT NOISE QUALITY REPORT

Sampling Location	NOISE LEVEL					
	Minimum		Leq – Mean		Maximum	
	Day	Night	Day	Night	Day	Night
1. Near Main Gate	48.20 dB(A)	45.50 dB(A)	62.13 dB(A)	54.17 dB(A)	68.50 dB(A)	58.60 dB(A)
2. Near Transformer	50.20 dB(A)	44.20 dB(A)	59.05dB(A)	57.94 dB(A)	63.70 dB(A)	62.90 dB(A)

1. Test values are reported based on the samples received.
2. The Test report shall not be reproduced, without the written approval of laboratory

  
 Authorised Signatory  
 Nupur Chatterjee  
 B. Sc. M. Sc. (Env. Sc.)  
 Dy Technical Manager





Phone : (0341) 2252011

Fax : (0341) 2252011

NABL ACCREDITED  
Certificate No. TC-5109Specialised House on Environmental Monitoring, Analysis, Assessment & Management  
ISO 9001 : 2015 Certified, OHSAS 18001:2007 Certified

E-mail : ecocareasansol@rediffmail.com

Manoj Talkies Basement, Kumarpur  
ASANSOL-713304 (W.B.)

ULR NO – TC510919000000268F

Format No. : EC/TRT/42/FM/07

**TEST REPORT**

Report Release Date	: 12.03.2019	Sample Ref. No.(ARF)	: EC/ARF/29/190305
Test Report No	: EC/TR/42/03012	Source of Sample	: Billets Mfg. Unit
Type of Sample	: Noise	Sampling Date	: 01.03.19 to 02.03.19
Sample Collected by	: Mr. Sumit Sarkar & Team	Period of Analysis	: ----
Sample Details	: Ambient Noise	Sample Condition	: ----
Name & Address	: <b>Jai Prabhuji Iron &amp; Steel (P) Ltd</b> Kandra Industrial Area, Kandra Dist – Dhanbad - 328109 Jharkhand	Remarks	: ----
		Sample Drawn By	: ECO CARE
		Sampling Plan & Procedure	: EC/SOP/03/01
		Deviation if any	: None

**METEOROLOGICAL INFORMATION**

1	Average Temperature ( °C )	23.4
2	Average Relative Humidity (%)	45.0
3	Barometric Pressure (mm of Hg)	753
4	Weather Condition	Clear Day

**AMBIENT NOISE QUALITY REPORT**

Sampling Location	NOISE LEVEL					
	Minimum		Leq – Mean		Maximum	
	Day	Night	Day	Night	Day	Night
1. Near Store	44.20 dB(A)	37.40 dB(A)	59.29 dB(A)	53.19 dB(A)	64.20 dB(A)	59.20 dB(A)
2. Near Temple	41.30 dB(A)	37.00 dB(A)	57.66 dB(A)	47.79 dB(A)	62.00 dB(A)	52.70 dB(A)

1. Test values are reported based on the samples received.
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Authorised Signatory

Nupur Chatterjee  
B. Sc. M. Sc. (Env. Sc.)  
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

ANNEXURE-6



DATE 25/2/2019

EMPLOYEE HEALTH REPORT OF JAI PRABHUJI IRON & STEEL (P)LTD.				
SL.NO.	NAME OF EMPLOYEE	X.RAY REPORT	P.F.T REPORT	REMARK
1.	AJAY KR. SINHA.	NAD	72%	
2.	ASAD ANSARI.	NAD	75%	
3.	ASIFA ANSARI.	NAD	76%	
4.	ASLAM ANSARI.	-----	-----	AB
5.	FIROJ ANSARI.	NAD	73%	
6.	IBRAR ALAM ANSARI.	NAD	75%	
7.	INAMUL ANSARI.	NAD	72%	
8.	SINGHASHAN SINGH.	NAD	71%	
9.	KHURSID ANSARI.	NAD	74%	
10.	RATISH JHA.	NAD	76%	
11.	SAMSHER ANSARI.	-----	--	AB
12.	VIVEKANAND.	NAD	75%	
13.	MD.RIZWAN AFTAB.	NAD	72%	
14.	DILIP KR. PATHAK.	NAD	71%	
15.	MUKESH KR.	NAD	70%	
16.	RANJEET KR.	NAD	72%	

नोट : 24 घंटे सेवा उपलब्ध 24 Hours Service Available

(1)



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





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 25/2/2019

17.	MD. SAHID ANSARI.	NAD	75%
18.	MD.SABUL ANSARI.	NAD	72%
19.	MD.JASIM ANSARI.	NAD	76%
20.	MEGHU MAHATO.	NAD	73%
21.	SIDDIK ANSARI.	NAD	72%
22.	SHOHEL ANSARI.	-----	--- AB
23.	JAINUL ANSARI.	NAD	76%
24.	CHANDAN SINGH.	NAD	79%
25.	VIKASH KUMAR.	NAD	78%
26.	NARESH YADAV.	NAD	72%
27.	RAJ KR.PANDEY.	NAD	74%
28.	SUNIL KR. MANDAL.	NAD	75%
29.	RUPESH TIWARI.	NAD	79%
30.	CHUNCHUN SINGH.	NAD	76%

*Dr. Vikash Ramani*  
Director Medical  
Om Sai Hospital &  
Research Centre  
*Vikash Ramani*  
25/2/2019

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
- Report not valid for medico legal purpose





# JAI PRABHUJI IRON & STEEL (P) LTD.

MANUFACTURERS OF QUALITY M. S. PENCIL INGOT

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

Mobile : 9431125242, 9431124208 • Email : jai\_prabhuji@rediffmail.com

CIN No. : U27104WB2003PTC096615

## Expenditure on EMP

- |   |   |                  |
|---|---|------------------|
| 1) Expenditure till 30.09.2018                  | - | Rs. 22,92,000.00 |
| 2) Expenditure between 01.10.2018 to 31.03.2019 |   |                  |

- |                             |   |               |
|-----------------------------|---|---------------|
| • Green Belt and Plantation | - | Rs. 45,000.00 |
| • Maintenance of APCD       | - | Rs. 60,000.00 |
| • Water Sprinkling          | - | Rs. 60,000.00 |

Total Expenditure till date, (31.03.2019)	-	Rs. 24, 57,000.00
---	---	-------------------

For Jai Prabhuji Iron Pvt. Ltd.

*R.K. Choudhary*

Director



"FORM - V"

( See rule 14)

**Environmental statement for the financial year ending the 31<sup>st</sup> March 2019****PART - A**

- (I) Name and address of the owner/  
Occupier of the industry operation  
Or process : **M/S Jai Prabhu jilron & Steel Pvt Ltd,**  
C 21-24, Kandra Industrial Area, Govindpur  
Dhanbad-828109, Jharkhand.
- (II) Industry category primary – (STC Code) : **Iron Casting**  
Secondary – (STC Code)
- (III) Production capacity : **MS Billet-36000 TPA**
- (IV) Year of establishment : **23.07.2004**
- (V) Date of last environmental : **19.06.2018**  
Statement submitted

**PART - B****Water and Raw Material Consumption**

Water Consumption	<b>21KLD</b>
1. Process	<b>Nil</b>
2. Cooling	<b>17 KLD</b>
3. Domestic	<b>04 KLD</b>

Water Consumption	Process water consumption per unit of product point	
	During the previous Financial year 2017-18	During the current Financial Year 2018-19
<b>Cooling</b>	<b>0.19 KL/T</b>	<b>0.20 KL/T</b>

For Jai Prabhuji Iron &amp; Steel Pvt. Ltd.

*R.K. Choudhary*  
Director



## 2. Raw Material Consumption

Name of Raw Material	Name of products	Consumption of Raw Materials Per Unit of Products Output	
<u>MS Scrap</u> <u>Sponge Iron</u> <u>Cast Iron</u>	<u>MS Billet</u>	During the previous Financial year 2017-18	During the current Financial Year 2018 -19
		<u>1.162 T/T</u>	<u>1.308 T/T</u>

Industry may use codes if disclosing details of raw material would violate contractual obligations otherwise all industries have to name the materials used.

## PART – C

Pollution discharged to Environment/unit of output (Parameter as specified in the consent issued)

Pollution	Quality of pollutants Discharged (mass/day)	Concentrations of Pollution in discharges (mass/volume)	Percentage of variation from prescribed stack with reason
a) Water	Zero Ind. Effluent discharge maintained due to recycling.	NA	NA
b) Air	Within norms.	Monitoring report enclosed.	NA

## PART – D

Hazardous Wastes (As specified under Hazardous wastes / Management and Handling rules,1989).

Hazardous Wastes	Total Quantity (in kg.)	
	During the previous Financial year 2017-18	During the current Financial Year 2018-19
a) From process	0.01 KL (Used Oil)	0.01 KL (Used Oil)
b) From pollution control facilities	Nil	Nil

For Jai Prabhuji Iron & Steel Pvt. Ltd.

*R.K. Choudhary*  
Director



## **PART – E**

### **Solid Wastes**

Solid Wastes	Total Quantity (in Mt)	
	During the previous Financial Year (2017-18)	During the current Financial Year (2018-19)
A) From Process-Slag	4460 MT	10925 MT
B) From pollution control facilities 1. Quantity recycled or reutilized with the unit. 2. Sold 3. Disposal -	Nil  4460 MT	  10925 MT (disposed)

## **PART – F**

Please specify the characterizations (in terms of composite and quantum ) of hazardous as well as solid wastes and indicate disposal practice adopted for both these categories of wastes.

**Solid Waste (Slag) is crushed and magnetic separated and used as land filling by outside parties.**

## **PART – G**

Impact of the pollution abatement measures taken on conservation of natural resources and on the cost of production.

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

## **PART – H**

Additional measures / investment proposal for environment 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 quality of the environment.

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

For Jai Prabhuji Iron & Steel Pvt. Ltd.

*R.K. Choudhary*

Director